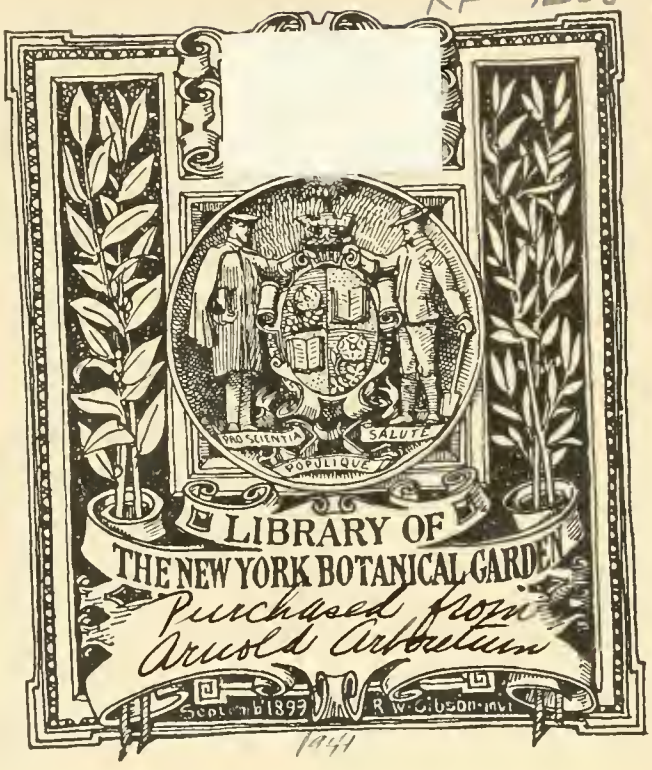
BENJ. M. WATSON.
Jamaica Plain.
Mass.

XF .L68



1944

ARNOLD ARBORETUM
JAMAICA PLAIN, MASS.

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1903-04

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, NOVEMBER 26, 1903. No. 313.

NEW YORK BOTANICAL GARDEN

Watson B. M. 313
Jamaica Plain
Boston, Mass.

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CHRYSANTHEMUMS

EXHIBITION VARIETIES.

The shows are now over and in accordance with our usual custom for some years past, we will look over the field and see how the standard varieties hold their own compared with the new comers. We were afraid a year or two ago that Eaton and Appleton would have a monopoly of the prizes and that our shows would be monotonous from the sameness of the exhibits. That fear has certainly vanished and now we have a dozen varieties that will size up as large or larger than these two ever did. There has been a feeble wail or two heard, as usual, that the public was tired of the large blooms, but anyone that attends a representative show and takes the trouble to watch the crowds carefully and listens to their comments, will find that it's the largest blooms that come in for the greatest amount of admiration.

While there was some room for criticism anent the coarseness of Eaton and Appleton, there is none about some of the novelties, which are as perfect as flowers can be. I give here a list of varieties in their colors and will describe them in detail later.

In yellow, Thirkell, Salisbury, F. S. Vallis, General Hutton, Percy Plumridge, Appleton and Cheltoni are the best.

In pink, W. Duckham, Leila Filkins, Durban's Pride, F. A. Cobbold, Mrs. G. Mileham and A. J. Balfour.

In white, Merza, Ben Wells, Mrs. Weeks, Eaton, Chadwick and Nellie Pockett.

In red, S. T. Wright, Lord Hopetoun, Maynell, Henry Barnes and H. J. Jones.

In odd colors, Mildred Ware, Mary Inglis, W. R. Church, T. Carrington, Queen Alexandra, Harrison Dick and Brutus.

These thirty varieties will give any grower such a choice of color and form as to render him invincible on the show table if he grows them right. Last year I said that Mrs. Thirkell was the king of the yellows and the way it has been exhibited this year fully bears out that statement. Its only fault is the rather bare neck when taken on the early bud, which is the bud that produces the largest flower. General Hutton makes as large a flower, but it has a narrow line of crimson running down the side of each petal that detracts from it when exhibiting it as a yellow, though in a class of six sixes it makes a grand vase. Lord Salisbury also often comes bronzy red on a late crown and, while it will come pure yellow from an early bud, it can also be set up in the "any other" class. It is more delicate in growth than the two preceding varieties and will drop out sooner. Appleton was, as usual, very prominent, but it is no longer the only yellow, and Mrs. Thirkell will beat it in the eyes of nine judges out of ten. F. S. Vallis takes the place of yellow Carnot. It is an easy grower, comes just as large as Carnot and is much the same color. Cheltoni, the yellow sport from Nellie Pockett, will undoubtedly be largely grown for next year. It is a lovely thing, but stock is already beginning to run short. Percy Plumridge beat Yellow Eaton at New York and was very favorably commented on there. It has all the earmarks of a good thing and next year when it is sent out, will undoubtedly show up good. Yellow Eaton I have omitted to mention as an exhibition yellow because I think it is outclassed. As a matter of fact, white Eaton is also, but the white section is not at present so well filled as the yellow.

In pinks, W. Duckham is the variety of the year. It seems to have every desirable attribute. The ten flowers of this variety that won the silver cup at New York were the finest flowers in the exhibition and either as a commercial or an exhibition pink it will for years head the list. Good pinks are getting numerous now. Durban's Pride is rather pale and not much use for setting up as a long stemmed flower, but Filkins and Cobbold are both excellent, Cobbold being a particularly strong grower. Mrs. Mileham was set up very fine this year in several places, as was also A. J. Balfour. This latter is a splendid color. Its only fault is a sparsity of petals that cuts it down considerably in size.

In the white class all the varieties mentioned are well known and need no comment, save Ben Wells. This variety will rank high when known, for it is as easy a grower as Eaton, immense in size yet finely finished and gives no trouble whatever. Merza is holding out in great form. There seems no limit to its size in the hands of some growers.

The red section is now well enriched and in collections of twelve or twenty-five varieties they are telling colors. S. T. Wright is the king of the batch, with a glistening velvety sheen on its petals that is not seen in any other red. All of this section are now strong growers, Barnes in fact being a very tall grower, but its many virtues atone for that fault. One good grower told me that this year he had Eaton fourteen feet high, by which it can be seen that we have giants in these days. Barnes is a true Jap and shows its color to the best advantage. Maynell is the strongest grower of the lot, though its color is not so fine as Wright. It should be kept in the open sunlight to make all the petals reflex naturally.

In the odd colored class, Carrington is the only old variety, the others being mostly novelties. Mildred Ware made a grand record in England this year, and next fall, when it is disseminated generally here, it will be a popular variety. A much improved Lady Anglesey is nearest to describing it. It is a Carnot seedling and somewhat resembles that variety in the arrangements of its petals. W. R. Church has proved itself worthy of all the praise I bestowed on it last year. As set up at New York, it won the admiration of everyone. Its color is unique and telling, but I am afraid it takes an expert to grow it to the best advantage. It is a poor grower in the spring, being hard to get growing away from its habit of producing buds, but it richly repays the trouble taken with it. Harrison Dick will become a favorite with the store men as well as an exhibition flower. The ground color is yellow, which is thickly overlaid with red, and the effect is very pleasing. Mary Inglis is an immense, large petaled flower that seems to pre-

The vase of Wm. Duckham shown at New York.

sent limitless possibilities as to size. Its general effect is bronze though on the early bud it is almost a yellow. It seems to be very slow in producing stock and the demand this year will probably be greater than the supply.

To sum up, I would say that no year since I have been watching the exhibitions and the new varieties has there been so much interest displayed by the general public or so many good new varieties set up. The croaker will croak his usual lay about the interest waning, perhaps, but I think more exhibitions will show a balance on the right side of the ledger than for years past, and certainty it has been years since we had twelve or fifteen new varieties come out at once and show such wonderful progress and development in size and finish. It seems as if, the world over, the chrysanthemum was again on the flood tide. In France the opening of the national show was considered worthy of a special cable to the great New York dailies, and one gentleman gave an estate worth half a million francs to encourage the cultivation of the queen of autumn. What will happen if one of our billionaires lays himself out to beat that Frenchman, I shudder to contemplate. Elmer D. Smith will be getting a million dollars in return for naming some new seedling Mrs. Astorbilt, and the rest of us may be able to settle with the coal dealer for last winter's coal by growing it for the market.

BRIAN BORU.

NEW MUMS.

The accompanying illustrations show the two novelties exhibited early this season by H. W. Buckbee, Rockford, Ill., and favorably commented on in these columns. The photographs, in our opinion, hardly do the varieties justice. The following are the originator's descriptions:

Mrs. H. W. Buckbee.—Niveus X Mrs. Henry Robinson. Pure white, slightly incurved, lower petals reflexing; growth somewhat like Niveus but not so tall; height attained from June planting four feet. Flower of good size, with fine stem and foliage, at its best the last of October; a fine commercial variety; scored 91 points before the Chicago committee of the C. S. A., October 24.

Rockford.—Mrs. Henry Robinson X Col. D. Appleton. Yellow incurved; fine form with lots of substance; grand stem and foliage; at its best October 20. This will make a fine commercial variety, every flower coming good. It is an easy grower and grows to about three and one-half feet from June planting. Scored 88 points before Chicago committee of the C. S. A.

Chrysanthemum Mrs. H. W. Buckbee.

TROUBLE WITH MUMS.

This is my first year with chrysanthemums. I grew about 200, flowering them in 6 and 7-inch pots. I pinched them back twice during the summer and allowed from four to six flowering stems to the plant. The plants were twice fed with bone meal and liquid manure was given seven times, at intervals of a week. I am very much disappointed at the result and do not know just what the fault is. The entire stock was rooted in April and shifted gradually at thirty-day intervals until it reached the 6 and 7-inch pots. The dwarf varieties grew from twenty-five to thirty-five inches high, making ungainly and unsalable plants. The late varieties bloomed too early and on many of the varieties the bloom was very imperfect. I would like to know the cause of my failure, also when chrysanthemums should be rooted to produce the best results, single-stemmed plants in pots and benches. When should liquid manure be used and how often? Where should stock plants be stored? W. H. F.

It would be rather a large order to answer this letter in detail, or to tell him without seeing his plants the cause of his poor success. He does not say whether he kept his plants inside all summer or had them out in the garden. It has been almost an impossibility of late years to get any kind of plants by growing them outside, and if that has been his treatment I would certainly try them inside another year. By running four to six sheets on a 6-inch pot one cannot look for anything but small flowers. A 6-inch pot is a proper size for a single-stemmed plant; that is to say, a plant grown to produce only one flower. Quality is only produced at the expense of quantity. Where dwarf plants only are needed pinching must be kept up till June, or else propagate the stock later. For single stems cuttings rooted end of May or early June give best results for 6-inch pots. They keep dwarf, hold their foliage and if well supplied with food make very good flowers. For "very best results," by which I assume W. H. F. means the exhibition grade of flowers, the cuttings should be rooted in March or April and planted on the benches in May. This can only be done where one has six or seven feet of head room for his plants. Feeding with liquid manure may be practiced in the case of pot plants as soon as the plants are well rooted in their final shift. For bench plants ten to twelve weeks after planting is soon enough. There is no definite rule one can follow. The condition of the plants themselves is the only true index and how to judge the condition of the plants is simply a matter of long years of experience.

The flowers that W. H. F. sees at the large exhibitions were grown by men who have devoted years of their life to the study of that one particular flower, and he cannot expect to come near that standard the first year, or the second either. The buds being imperfect may be accounted for in several ways. Insects, unless closely watched, particularly grasshoppers, will raise havoc with the buds. If the plants were allowed to get dry a few times the check thus given the plant will sometimes cause the bud to dry up and never develop. Again, if buds are taken too early in the season, say early in August, they will not develop properly. The last week in August is early enough to take buds as a general rule.

The place to keep stock plants is anywhere in a light, airy house, with the night temperature just a little above freezing. A cool, dry place is all the chrysanthemum asks for the winter. I would advise W. H. F. to look up his old papers and read the cultural notes there found from week to week. This, with his own experience and observation, will help guide him along better next year.

BRIAN BORU.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

Chicago, November 7. — Madonna, shown by H. W. Rieman, Indianapolis, Ind.; pink, type of Major Bonnaffon; scored 85 points commercial scale.

New York, November 11.—Seedling 29-4-03, shown by Nathan Smith & Son, Adrian, Mich.; creamy white, Japanese incurved; scored 80 points commercial scale.

Mrs. Nathan Smith, by the same firm; pure white, scored 89 points commercial scale.

No. 1-2-01, by the same firm; yellow, Japanese incurved; scored 85 points commercial scale.

Golden Age, by the same firm; bright orange yellow; reflexed Japanese; scored 81 points commercial scale.

Cincinnati, November 14.—Adelia, shown by H. W. Rieman, Indianapolis, Ind.; white, incurved Japanese; scored 87 points commercial scale.

Sunburst; name of exhibitor not given on committee report; deep yellow, Japanese incurved; scored 84 points commercial scale.

Dr. Enguehard; shown by Nathan Smith & Son, Adrian, Mich.; bright pink, Japanese; scored 95 points commercial scale.

Chicago, November 14.—Adelia, white, ball shaped; shown by H. W. Rieman,

Indianapolis, Ind.; scored 84 points commercial scale.

New York, November 14.—Dr. Engelhard (imported by name of Dr. Enguehard), rose pink, silvery reverse; scored 87 points commercial scale.

Fred. H. Lemon, Secretary.

Ed. Florists' Review:—Replying to your inquiry in regard to the chrysanthemum shown at New York as Dr. Englehardt and passed upon by the New York committee as Dr. Engelhard, would report as follows: The variety was raised by Auguste Nonin, Paris, France, and is given in his list as Dr. Enguehard.

The variety was exhibited before the Cincinnati committee, a week ago, under this name as reported to you. In sending the announcement to the papers, an exact copy of the report of the New York committee was made. I have already noticed two or three different spellings of this variety, but Dr. Enguehard is the only one authorized by Nonin's list.

Fred H. Lemon, Secretary.

PIERSONI AND ANNA FOSTER.

J. W. S. asks: "Will some one tell me through the columns of the Review what temperature and treatment gets the best results with Piersoni and Anna Foster ferns?"

The genus nephrolepis are all natives of the tropics. Nicholson says: "A small but widely distributed genus all natives of the tropics." N. cordifolia, better known to florists as tuberosa, is a native of Central America and so, I think, is N. exaltata, and it's from this fine species we have the form Bostoniensis and then Piersoni and Anna Foster, and there will likely be many other variations in this fine fern. It is strange to note that although N. exaltata was found and introduced as long ago as 1793, almost a century elapsed before it became the widely grown and deservedly popular plant that it now is. As it is a tropical fern, then a warm house is the place to grow it to perfection. On a recent visit to the botanic gardens in Buffalo I noticed specimens of exaltata planted out among the rocks in a warm fern house, plants that must be nine to ten feet across, with fronds at least five feet long. There this fern was at home.

In most commercial places the growing of this fern is done in the summertime, when we have, under glass, the tropical conditions. In winter, if you expect them to grow fast, you would have to give them 65 degrees at night. But if by October you have produced good sized plants, then from that on during the winter months 55 degrees will do them very well and put them in condition better suited for decorations for your customers than those taken out of a warm, moist house.

As to treatment, if you have grown Bostoniensis well, you can grow the two beautiful forms, Piersoni and Anna Foster. Some growers plant out, in five or six inches of soil, all the runners they can get and lift them when they have grown to be plants large enough for 6 or 7-inch pots. The finest plants are, I believe, better grown entirely in pots. There seems to be no particular quality or texture of soil suited or essential for these free growing ferns. A good yellow loam (not sandy), with some leaf mold and rotted manure added, would be ideal. Yet I know that such soil as you would put on your benches for tea roses will grow these ferns well. They want plenty of moisture at the roots at all times and shade only during the hottest months. Whoever saw the mother plant of N. Piersoni surrounded by her two or three dozen very small offspring in the fall of 1900 and less than eighteen months afterward saw the many grand specimens exhibited by Mr. Pierson could have little doubt of the freedom and rapid growth of the variety. W. S.

Seedling Chrysanthemum Rockford.

CARNATION NOTES—EAST.

Bursted Calyxes.

Some varieties of carnations are more liable to burst than others, or rather, certain varieties possess a naturally weak calyx, and in consequence, any sudden deviation in treatment or direct violation of laws governing proper culture, shows its effect here. Any variety will burst under radically wrong treatment, so when we see it stated that a certain sort never bursts, it is reasonable to take the statement to mean that its calyx is naturally strong and if handled rightly will give no splits.

The cause of a large percentage of this trouble can be traced to temperature and generally it is a case of its being allowed to fall at a time when the buds are about to show, or are just showing, color. On the morning of a bright day the ventilators may have been raised too high in one operation or left open too long toward night. Perhaps a sudden drop in temperature outside took place during the night, or in some way the plants received a chill. The immediate effect is to retard the progress of the petals outward, toward and through the top of the calyx. Doctors of medicine would call it congestion, and so it is here, the effect being that on returning to a higher temperature the petals begin to unfold before the congestion can be relieved, resulting in the calyx giving way.

Another cause is carrying the temperature too high during cloudy or stormy weather, in which case the amount of heat employed is not attended with sufficient light to maintain the balance that should always exist between these two important agencies.

With a scarcity of bloom you would never resort to raising the night temperature 10 degrees. Why, then, on a dark day, when the thermometer should stand about 60 degrees, allow it to run up to 70 degrees or over, as I have heard related? Any attempt to force matters by using very rich food in the way of soil, top dressing heavily or strong liquid manure, will result in a crop of malformed and split blooms. The variety Eldorado is one in particular which resents liberal use of fertilizers.

Overwatering is injurious in many ways and with some varieties this error in treatment shows a marked effect on calyxes and this is especially true of those impatient of disturbance at the roots and slow in getting established after housing, notably Lawson. Could we produce a race of carnations having absolutely non-bursting calyxes, skill in the culture of carnations would become unknown, but of this there need be no fear.

The heating apparatus must be ample to resist the sudden changes of weather and under perfect control, also ventilators arranged to operate without causing draught over the plants, regardless of direction of wind. Never allow the temperature to run up too high and then put on a wide crack of air at once, but trim your sails to meet the weather. During any time of year when the outside temperature makes it necessary to close the ventilators at night, it is the watchful grower who, between the hours of seven and ten in the morning, has made several trips through the houses to manipulate the ventilators.

If you are growing acknowledged leading sorts and some are splitting badly, correspond with the originators, who will gladly supply advice. Lawson bothered most of us at the start, but Mr. Fisher put us on the right track.

Geo. S. Osborn.

INSECTICIDES.

A correspondent writes: "Let me know what to do with carnations that are covered with green bugs and are in with other plants, such as coleus and begonias." Another says: "Kindly state in your valuable journal what insecticide you would recommend for use on carnations and roses in a house with a general stock of pot plants."

These inquiries are so near the same that one answer will apply to both. There are several tobacco preparations on the market and all are good. We have used Nicoticide with good effect and I knew several large growers who use Aphis Punk and they all speak well of it. Most of these preparations seem rather expensive, but when you consider that they do the work well and at the same time do not injure the most tender plants, they are cheap in the end. The old fashioned way of burning tobacco stems will not do when you have to fumigate a house containing very tender foliage plants or delicately colored blooms, as the smoke will burn the one and take the color out of the other. If you have only carnations or roses in the house the tobacco stems will do, but be sure you cut the blooms close before you smoke and have the ventilators raised several hours before you cut again, to let the burnt tobacco odor out of the house. Carnations especially retain the odor a long time. A. F. J. Baur.

ROSES.

Cutting and Packing.

Care should be exercised in cutting the blooms so that the proper and most suitable eyes may be left to provide strong stems for a future crop. This operation should never be done in too hurried a manner, nor should any carelessness be tolerated, as if these most suitable eyes are removed we run the risk of getting puny wood, which, if it is not blind, is quite incapable of bearing a high grade bloom.

There is a practice also in vogue in some places which even with the most careful help often leads to the same result. I refer to the practice of cutting by lamp light during the early morning. Under such conditions it is nearly impossible for even the keenest sighted to always select the proper eye at which to cut. The disastrous consequences of such a practice can only be avoided by relegating it to the realms of innocuous desuetude.

If there was any real necessity for this practice it might even, with all its attendant evils, be tolerated, but it is surely detrimental to the best interests of the trade to pack and ship this hurriedly taken out without giving it any other preparation but a few minutes of a dip in water.

Immediately after the cut is taken, and before the wound has had time to dry, the stems should be immersed in water at a temperature not to exceed the temperature of the house from which they were cut, nor to drop so low as 41 degrees. They should then be placed in the cold room, which should be at a temperature of from 48 to 52 degrees.

The most satisfactory results are obtained if they are allowed to remain at that temperature for ten hours before being shipped. If they have to remain any longer the water ought to be changed. After being kept in the cooler for thirty-six hours, the conscientious grower will refuse to ship them to his customers.

Year after year we have the same complaints from retailers and commission men who, during the Christmas holidays, receive large consignments of salted stock from growers not over scrupulous. The damage done to the trade by these transactions is incalculable, besides destroying the confidence and friendship which ought to exist amongst the craft.

In packing the greatest care should be taken to place each individual bloom in such a manner that the petals may not be injured nor the necks broken. A small roll of cotton batting or tissue paper should be placed under the necks of each row of buds so that the whole weight of the bud may not rest on the petals.

Always have the paper next to the buds new and clean. This gives the flowers a much fresher appearance than if newspapers or soiled paper be the material used. The wrappings should always be abundant and sufficient to withstand severe frost. By attending to these matters, which we will do if we wish for the prosperity of our customers, which is identical with our own, and not acting too hastily when a kick comes, as come it surely will, we may please our customers and have the satisfaction of a clear conscience, which is a great reward in itself. Ribes.

John Cook's Red Rose, Seedling No. 150.

PROPAGATING HARDY ROSES.

An appreciative reader of the Review speaks in most pleasant terms of an article from this pen about propagating summer-blooming tea and other roses. To use his own phraseology would make one blush, but he continues and says: "Cannot some of your correspondents give us a good plain way to propagate hardy roses from the cutting to the field." Doubtless several correspondents could give us very accurate instructions along these lines, and the little I am going to say may bring forth the latest and best methods. If in criticism and correction to what I say, so much the better.

As is generally known, that great class of roses known as hybrid perpetuals, which we buy of American nurserymen and sometimes import, are always budded. Our own nurserymen use the Manetti stock; so do the English and Dutch, but sometimes the wild native rose. For the standard trees so much in favor in Europe and so great a failure in our northern states, the wild briar stock is always used. The budding operation is done in the field in July. It is a nurseryman's business, and if you use but a thousand or two of these roses, either for forcing or for your customers' gardens, you had better depend on buy-

ing your needs of a reliable nurseryman or a conscientious importer. Both exist.

A large proportion of the finest varieties of hybrid perpetual roses do very poorly on their own roots. I think Baroness Rothschild and Magna Charta are instances of this, while General Jacqueminot and Ulrich Brunner grow free enough on their own roots. This may seem strange, on first thought, but remember that some of the varieties that bear the finest blooms have come from the seed of parents that for years did not grow on their own roots, so it is a case of hereditary disability. Darwin in his "Plants and Animals Under Domestication," mentions that for 200 or 300 years the Scotch shepherds have so persistently cut off the tails of their dogs that at last appeared a tailless breed of dogs. This remarkable physical abbreviation was not effected in one generation, or ten, but in 200 or 300 it was, for we have seen the dogs. So the hybridist has produced a breed of roses that will not stand on their own legs, but need an artificial and vigorous support.

Those varieties of hybrid perpetual roses that grow freely on their own roots can be propagated as follows: In November, after the wood is ripe, but not too severely frozen, cut the medium-sized canes. Cut into lengths with three eyes. That is the cutting. See that the lower ends of the cuttings are all about even. Tie in bunches of twenty-five and around the base of each bunch tie a bunch of moist sphagnum moss, not wet, but just moist. Place the bunches of cuttings in flats, with moss between them, and place the flats beneath a very cool bench as far removed from any artificial heat as possible. During winter they form a callus. By the end of February or still later put each cutting in a 2-inch rose pot. This is the critical time with them. A slight bottom heat and cool top would be the ideal condition. After they have sent out roots there will be no trouble, and grown along in a night temperature of 50 degrees and gradually given plenty of air, they can be planted in the open ground after all danger of frost is past. When the cutting is fast breaking into growth they should not be exposed to any cold draughts.

These roses can also be propagated in the same way as many of our hardy shrubs; that is, in a hotbed in July with two or three inches of soil over the manure and three inches of sand on that, keeping the glass heavily shaded for the first two weeks and gradually giving air and light. The condition of the cutting is of most importance with this method, as it is with a deutzia or weigelia. You want the young, green growth, but it should not be the very tender tops or the too ripened growth.

The Ramblers are propagated from medium-sized growth taken in October, when the leaf and stem are yet untouched by frost. Cut into two or three eyes and put into the sand on any ordinary bench. A little bottom heat will help, but the atmosphere should be cool. Yet a very sure way with the Ramblers is to rob the plants you are forcing for Easter of the young, flowerless growths and put into the sand and treat just as you would your cuttings of tea roses.

To revert again to H. P. roses. American Beauty is a hybrid perpetual, and we all know that this all important rose is propagated by the million in February, March and April, from the blind shoots, when the growth is neither too matured nor too succulent, and the H. P.'s would propagate just the same, but I will say again in conclusion, you had better leave the propagation of the hardy roses to the nurserymen and attend to your knitting in more important lines of your florist business. W. S.

John Cook's White Rose, Seedling No. 115.

COOK'S NEW ROSES.

The photographs herewith reproduced show the seedling roses which John Cook, of Baltimore, exhibited at the New York exhibition. The following descriptions are given:

No. 115 is the largest and purest white rose under cultivation; tea fragrance; stiff, erect stems; a seedling of Alice Furon crossed with Baltimore.

No. 150 is a cardinal red, a stronger grower than any red rose grown under glass; flower large, with ten to fifteen more petals than Liberty; deliciously fragrant; a cross between Liberty and an unnamed seedling raised by Mr. Cook.

THE HEATHER.

Alexander Wallace has given us the first complete work on the heather (The Heather in Love, Lyric and Lay, published by the A. T. De La Mare Co.), although the literature of many centuries abounds with references to the flower which stands for Scotland's sentiment, and many authors have sought to wield its magic power by incorporating it in the titles of books in no sense relating to the heather. Mr. Wallace, who is a widely read Scotchman, writes in his preface that he has endeavored "to cull from the many references to the heather abounding in Scottish and other literature, and to weave the sprays thus gathered into a literary garland, the beauty and attractiveness of which shall lie in the depth of the sentiment pervading it and in the aroma of patriotic love that it exhales." The result is a volume certain to find a cozy corner in the regard of every one who loves Scotland and things Scottish. The book is of 245 pages, neatly printed and fully illustrated. It will be sent postpaid to anyone forwarding $1.50 to the Review.

Fort Wayne, Ind.—Miss C. B. Flick has been having a very successful flower show at her store.

Sylvania, O.—The Cushman Gladiolus Co. has just finished a harvest of the best bulbs it has ever grown.

Albany, N. Y.—E. L. Menand has put up one of Hitchings & Co.'s latest iron-frame greenhouses 30x200.

Monticello, Ill. S. W. Allerton is building a large greenhouse as an addition to his private range.

HYDRANGEAS FOR FORCING.

J. J. asks for an answer in the Review to the following: He says he has some hydrangeas, Thomas Hogg and Otaksa, three and four years old, very much root bound. They grew tall last summer outside but did not flower after one night's frost. He has cut them down to within ten or twelve inches of the pot and laid them under a bench in a cool house. He would like some in flower for Easter and some for Decoration day.

Plants that are three and four years old, if they have done at all well should need a larger pot than a 7 or 8 inch. A year-old plant, one propagated last February, would be much better for forcing. In cutting the Otaksa back so hard you have cut away the buds that would give you the flowers. I would try but a few of either sort for Easter. Keeping them at rest in a cool house is correct, but it should be very cool, and only water enough to keep the wood from shriveling. Start them growing about the first of March. As they would be dormant you can shake off what soil will come off and give them a larger pot. I don't think you will have success with these plants for Easter bloom, but treated as above they may be all right for Decoration day. If you try a few for Easter you would, of course, have to start them growing in heat at New Year's. W. S.

MISCELLANEOUS SEASONABLE HINTS.

Covering Pansies.

We have had a touch of winter and may soon expect the real, strenuous article and it's a great comfort to know that everything is snug and in its winter quarters, safe and protected. Here are a few reminders.

If you grow pansies in the open field and they should be covered with snow the greater part of the winter, they will come out in the spring in good order, but if we are not blessed with snow they will freeze and then heave out of the ground and you will lose many. Hemlock boughs make the finest covering. There is always a bow or arch to these branches which prevents them lying heavily on the little plants. If you are not in the hemlock belt, then branches of the white pine will do and if you are on the prairie, where neither of these noble trees grow, then rye straw laid between the rows and very lightly over the plants will do, but the evergreen branches are better.

Hardy Roses and Shrubs.

If you made a planting of hardy roses for yourself or your patrons last spring and they have made a growth of three or four feet, don't indulge in the nonsense of strawing them up; just cut off a foot or so of the longest growths and tie the shoots together and put six inches of stable litter or leaves on the ground between the plants. That is of the greatest benefit. Trying to preserve the tops is folly, because if killed down to within six inches of the ground is of no consequence. You would prune them down as low as that anyway next April.

Snow is a great protector of our herbaceous plants. Some species would perish if it were not for their natural protecting mantle. Yet with us we get "the beautiful" in such sudden and copious doses that it frequently breaks down the branches of the deciduous shrubs. I have seen the branches of Hydrangea paniculata grandiflora badly crushed; also many other shrubs. We get called to "come and tie up the shrubs" for our customers. Tying the growths up compactly is well worth doing, but strawing them up like a bale of trees is nonsense, unless you want to find work for your men and make a bill.

Protecting Bulbs.

Don't be in a hurry to cover the tulip and hyacinth beds that are to look so gay next May. Frost will not hurt them; it is toward spring that the alternate freezing and thawing heaves the bulbs to the surface. If they have three inches of stable litter on them by New Year's, it will be in plenty of time. Your own flats of these bulbs that are now outdoors, covered with three or four inches of soil, should be allowed to freeze just an inch or so and then covered with six inches of long stable manure. Leaves would be excellent but its a trouble to keep them in place. So long as the soil in the flats is not frozen these bulbs are making roots, but if you cover too early and keep too warm the tulips that you don't want till March will have shot up like small yellow snakes standing on their tails and are never worth much for any purpose. I always want the Dutch hyacinths in 4-inch pots, or a number in 7 or 8-inch pans, to be in a frame and, besides the covering of litter or leaves, covered with sash or shutters. As you are continually getting out a few of these you don't want them frozen hard, or any great difficulty in getting them out.

I meant earlier in these notes, while on the subject of protecting shrubs, to say that our herbaceous plants are often treated shabbily. Perhaps not all but many of our most familiar herbaceous plants are found naturally growing beneath the shelter of larger vegetation, where leaves have fallen for years or even their own dying foliage has accumulated. We forget this and clean up the tops for tidiness' sake and leave them exposed in a bare field, so two or three inches of stable manure thrown over their crowns is of the greatest benefit, and particularly to those you have planted last spring or this fall.

The Storage House.

Nothing up to date has in the least hurt our sweet bay trees in tubs but now they should be in their winter quarters. Of late it has been quite a business, this storing sweet bays for our customers. A greenhouse is no place for them. In the first place you cannot afford it, and it is too warm. This business gradually grew on us till we had to build a frame structure, with plenty of big windows for light, and run two hot water pipes around it, to keep out frost. A few degrees of frost would do no harm to the sweet bays, but we have in this shed also a large Hydrangea Otaksa and a few oleanders. So we try and keep the frost out, and no more. We do not cater to this trade of storing these plants for the winter; quite the contrary, but circumstances arise when you can't get out of it. Make it pay, and then there are no tears. Hydrangeas are deciduous and when resting in winter want little water. Sweet bays and oleanders are evergreen and should never be allowed to get dust dry. Of all abominations is the old woman's oleander. She has great reverence for the old thing but does not want to pay much for its preservation. In fact she would take a $5 bill for one in a 20-inch tub and eight feet high, only, "I hate to part with it because my mother raised this tree from a slip that an old lady owned in New Jersey and Gen. La Fayette picked a blossom off that very tree and wore it on his coat."

Forcing Bulbs.

The Paper White narcissus, if it pays to grow at all, pays best at the holidays. In fact, I never knew us to have too much at that season. If it is showing white now, it is not too early but it should have a light bench and not over 50 degrees at night. When this bulb is forced in strong heat it is a poor thing, but in a cool house and the flowers fully expanded it is very useful.

Roman hyacinths force very easily at this time of year. When about to open their bells they, too, are of much better quality if given a house about 55 degrees at night, and light.

We used to think it very necessary and very grand to have tulips at Christmas. They are not wanted at that season. Duc Van Thol is the only variety that will force so early without extraordinary heat, and then it's not worth while. Leave your La Reine, Vermilion Brilliant and Yellow Prince and daffodils outside making roots till New Year's, when if brought in you can with proper treatment be sure of fine, long-stemmed flowers.

Allow twenty days for your cold storage crop of valley to be in good order for Christmas. Six-inch pans of valley in fine bloom are in good demand for a holiday gift. If they are fully matured a few days ahead, so much the better. At this time of year you can use your valley forcing bed for the present crops. The atmosphere is cool and a little bottom heat won't hurt.

As the chrysanthemum benches are emptied you will have room to bring in the Japan lilies; not that you should begin to force them in too high a heat: 45 to 50 degrees at night will do very well till New Year's, and then begin to give them a strong heat. Last year our Japan lilies were all in by Easter, and some days to spare, but many were too dwarf and we would rather blame ourselves than the quality of the bulbs. We think it was largely due to giving them a strong heat before there were much roots.

Christmas Plants.

The most interesting work in the greenhouse now is getting your Christmas stock in proper shape. We see no signs of the Christmas gift taking other than the form of a pretty plant, as for the past

few years. The days of stiff, formal tying of plants is past, but some do need support and it should be done early, so that there is time for the plants to outgrow the stiffness. The Lorraine begonia will need a few tiny sticks to support its slender and flower laden growths, but neither sticks nor threads should be visible. Poinsettias in 6-inch pots will want a stake. They will need it when sold, so do it now. Azaleas will not all come into flower just right. Deutsche Perle is easily gotten out by Christmas, while Simon Mardner and Vervaeneana may want a very high temperature. Be sure and give these forced azaleas plenty of water at the roots and at least one good spraying every day till the flowers are open. That useful, cheap flower, the sweet stevia, is often past its best at the holidays if kept warm. Anything above freezing will do for it. And if you grow that subdued-colored but beautiful orchid, Cypripedium insigne, you can remove the plants to a cool house without doing any harm to the plants and the flowers will hang on in perfect condition for five or six weeks.

WILLIAM SCOTT.

FORCING RHODODENDRONS.

During the spring months there are few more showy plants than a well handled specimen of rhododendron. In florists' show windows few plants will attract more genuine interest, and if the proper methods of forcing are followed they can be sold at a reasonable price with a fair margin of profit. Specimens of these for Easter trade are much more in evidence in the eastern markets than they are in the west.

The kinds most in demand for forcing, as they are the easiest to handle and embrace all the colors of the other species, are hybrids of R. pontieum. These can be raised from seed or cuttings, but the general method of propagation is by grafting, using the ponticum as a stock. By this method a larger plant can be produced in shorter time. A large proportion of the plants used for forcing are imported annually. These are mostly the products of French and Belgian nurseries, but many of the finest and best grown are from England.

As soon as they arrive they should be unpacked and the balls immersed in water and potted as soon as the balls have drained. They require very little pot room, and as the roots are very fine, the compost must be finely pulverized. The compost most suitable is composed of one part peat soil and one part composed of equal proportions of leaf mold, good loam soil and sand, well incorporated.

When potting the soil must be rammed firmly around the ball, and as they require copious supplies of water during the growing and flowering season they must be provided with ample drainage. Care must be taken that the soil contains no lime or chalk, as the use of this class of soil is surely fatal, and if there is the least suspicion of lime in the water it is safer to use only rain water, both for the roots and for syringing.

After they are potted, in order that they may retain their foliage in all its freshness and to prevent them shedding their buds they should be placed in a house where they can have plenty of fresh air in a temperature of 40 degrees, with a partial shade during the brightest part of the day. They will require very little water while they are in this temperature and should not be syringed. By February the temperature should be gradually increased, raising it 5 degrees each week till it reaches 58 or 60 degrees. At this temperature the buds will develop more perfectly and the flowers have more intensity of color than if subjected to greater heat.

As soon as they are subjected to this rise in temperature they must have abundance of water, increasing the supply with each rise of temperature, and should be syringed at least once a day, and giving them all the sunshine possible.

The most frequent cause of failure in forcing rhododendrons lies in the poor class of stock which many of the growers ship to this country. Their main object seems to be to ship old, naked stock, if there are only buds enough. These plants are frequently old, hard and stunted, and in shape are anything but handsome. Another cause of failure is in bringing them into heat too soon, causing them to shed their buds.

Some varieties of our own home grown hardy R. Catawbiense hybrids when properly handled, make handsome specimens though they are a little harder to force. These should be lifted from the ground during November, before the heavy frosts begin, and should be potted at once. The same course of treatment as that accorded the pontieum hybrids usually results in success.

Another class of rhododendrons, the true greenhouse species, also deserves attention, as they are handsome free bloomers, very fragrant, easily grown, and can with proper care and selection be had in flower almost any month of the year. Among the species R. Edgeworthii, R. ciliatum and R. Nuttallii are the most popular. There are also some beautiful hybrids between these and R. Javanicum, and R. jasminiflorum, but they as a rule require hothouse treatment and are not so satisfactory.

R. hirsutum and R. ferrugineum can also be made to flower inside, but they are very impatient of heat. When successfully handled they form some of the prettiest subjects that could be wished for. I may say, however, that they are frequently entire failures in the greenhouse.

There is little doubt but that the demand for this class of stock, and other flowering shrubs, will continue to increase, and the progressive grower will, by careful study and experiment with such subjects, keep himself abreast of the times, and be ready to fill the demand when called on.

RIBES.

The Breitmeyer Rose at the New York Exhibition.

(The Fern in the foreground is Scotti.)

LE MARS, IA.—L. R. Wasmer has opened an office in the German-American Bank building to handle cut flowers.

PORTLAND, ME.—The Portland Florist Co. has purchased the greenhouses of Joseph A. Dirwanger. John J. Boyle is the manager.

ITHACA, N. Y.—Arthur H. Bool, proprietor of the Bool Floral Co., is building a conservatory back of the store at 215 E. State street.

NEW YORK.

The Market.

The cold weather arrived on schedule time. The market for securities became optimistic and cut flower prices began to improve as I predicted a week ago. The horse show doubtless exerted a favorable influence also and now begins the opera season and society settles down to its long period of balls and parties.

The retailer already feels the benefit of normal conditions and with a shortage in first-class roses and carnations the wholesale sky takes on a more cheerful aspect. Thanksgiving will maintain present values throughout the week and then we must expect, as usual, a couple of dull weeks before the steady trade of the winter begins.

Violets are grown in such enormous quantities that the abnormal prices of other years can hardly be expected again. So great were the receipts of violets last week that even the street merchants were offering them, a condition never before experienced during horse show week. Some houses are handling nearly 50,000 daily.

Grand chrysanthemums are still arriving in large quantities and the novelties bring readily $4 to $5 a dozen. Some of the finest flowers of the season graced the Broadway and Fifth avenue bon ton stores on Monday. Beauties were scarce and in demand early in the week, the best touching 40 cents occasionally. Queen of Edgely is still popular and is again in the market.

Various Notes.

The National Florists' Board of Trade seems to be growing rapidly in favor with the wholesale trade. Its system is unusually prompt and liberal and its necessity seems to be fully demonstrated.

Last Tuesday Mr. Elliott was called to serve his country in jury duty and John Bernie wielded the gavel with commendable skill and success. The plant auctions will probably cease for the season on Friday next, after a season of unusual success, Mr. Elliott having the entire field under cultivation. It was a "cinch" and as a result William wears the "smile that won't come off."

J. J. Perkins has sublet his branch store at 48 West Thirtieth street to Peter Brown, a well known son of sunny Greece, where he is conducting an aggressive retail business. R. W. Perkins is now about recovered from his long and dangerous illness.

With holly in the market one begins to realize that Christmas is only four weeks distant. There will be an abundance of flowering plants ready for the occasion and everybody is optimistic as to the holiday trade and laying plans with an expectation of the greatest Christmas in the city's history.

Young & Nugent have leased the entire building at 42 West Twenty-eighth street, and that the enterprise was an inspiration is demonstrated, Mr. Nugent says, by the fact that every room in the four stories is already rented.

The American Institute granted John Scott a diploma for his new fern, Scottii, exhibited at the chrysanthemum show.

The fern and palm business among the retailers has been away below the average this year to date, notwithstanding the quantities of Piersoni and Anna Foster that decorate the windows. In fact, the plant trade has hardly begun, except on Bostons, which seem to be as popular as ever. Some very pretty novelties in baskets of flowers are to be seen in the retail windows, a sign of the unique creations which are still out of sight, but ready for their debut just before the holidays, as usual.

The Ozone Park Nurseries, at Ozone Park, L. I., are planning to erect a large storage shed to take care of a large stock of roses which they are just starting to dig. They have received a large shipment of box trees and rhododendrons.

Alfred Chasseaud, manager of the Herald Square exhibition hall, where the great 'mum show was held, announces the renting of the whole space to growers in and around New York for the exhibition and sale of blooming plants during the week before Christmas if present plans are consummated.

The ribbon men are placing "original conceptions," as they call them, for the florists under consideration again this fall. Lion & Wertheimer's latest novelties are violet ties, handkerchiefs and tasseled scarfs, all very handsome and popular.

The supply houses have been overwhelmed with business this season. To talk with the proprietors one cannot fail to believe in the stability and growth of the florists' business generally. To particularize seems unnecessary. I have yet to talk with a florists' supply house or a bulb house that is not more than satisfied with the season's business.

A notable dinner will be that given the football players at the Princeton Inn tomorrow evening. The entire decorations are autumn leaves and yellow chrysanthemums. The work is in the hands of Thos. Young, Jr.

Another edition of "How to Grow Violets" is being prepared by the author, Geo. Saltford, of West Twenty-ninth street, the demand having completely exhausted the second edition. Perhaps this book has had considerable to do with the enormous output of this flower from up the Hudson, where violet growers are legion and increasing by the score every year. A fair estimate of the number of violets to arrive between this and Easter in the New York market is said by an expert to be easily fifty millions.

J. Austin Shaw.

BUFFALO.

The Market.

A week of very sharp weather has shortened up the supply of flowers of all kinds and prices have, of course, risen accordingly. Thanksgiving is going to clear out most all the chrysanthemums. So gorgeously they came in with October's lovely days; how tawdry like their exit! A bench of chrysanthemum stumps with a few dozen cripples left dangling about is a depressing sight and it is a relief to see the bench filled with another crop. Still we are studying how many of the wonderful new varieties we will buy, and can almost see a few thousand wonderful prize buds in September, 1904. Those who thought the chrysanthemums' popularity would die out after a few years were mistaken. From my limited vision this year they have been in rather better demand and for fine flowers a better price has been paid than for several years. Roses have greatly shortened up, but quality is getting near the mark. Wise Bros., and Wm. Stroh, of Attica, are sending in fine Imperial violets. C. F. Christensen has still some fine benches of Maud Dean and Lincoln 'mums and getting his own price for them. His mignonette is again in great form and so are his Marquis, Prosperity and Crane carnations.

Various Notes.

It is reported that Joseph R. Rebstock has bought the house and land of the late Mr. Smiley, at Lancaster. Joseph will soon have his hands full, with his Elmwood avenue, Red Rock and Lancaster interests, but since his left hind leg is itself again he is ready for anything.

I don't think I have made any comment since election on the effect of defeat on the physical and mental condition of Wm. F. Kasting. The whole democratic ticket was snowed under, but Billy ran 3,000 ahead of the leader of the ticket and in consequence his spirits have been in a state of effervescence ever since and he has gained thirteen and one-half pounds and a hat one-eighth of an inch smaller fits him and he is a very busy man.

Very few visitors of late, and of those we only heard. That brilliant young antipodean, Mr. McHutchison, was here and I am very sorry to have missed Mr. Roney, manager of the twelve-acre Lake View establishment at Jamestown. Twelve acres of glass, and yet Mr. Roney was making contracts with growers in the neighborhood. What an outlet this big place must have.

The youngest son of Wm. Scott (Oliver Goldsmith, age 14) has recently gone through a very successful operation for appendicitis, and is now home again ready to give S. A. Anderson or Brother Willie the correct "dope" on the Bennings and Latonia meetings. W. S.

CHICAGO.

The Market.

Receipts have not been unusually large this week, but ample to meet the requirements of the Thanksgiving demand. Beauties have been among the most plentiful items and there are reports of some concession on large lots from quotations on the extra lengths. Good Brides and Bridesmaids were very scarce, and there is record of sales of small lots of choice stock at prices well above quoted rates, but nine-tenths of the material was of a character not suited to the shipping trade and realized very low figures. Chatenay was one of the most plentiful of roses and sold very well. Carnations were estimated by a number of the wholesalers to have been in not more than half the quantity received in this market for Thanksgiving a year ago, and prices, therefore, were well maintained up to Tuesday night; 2 and 3 cents has been readily paid for ordinary stock, with fancies at 4 cents, and some special stock, like Enchantress, going much higher. Good violets have been in demand and prices satisfactory. The supply of chrysanthemums was considerably above what had been anticipated, and only slight advances in price were possible. There was a very good demand for the smaller stock, and it was in this particular that the market was the shortest, most of the receipts running to the better quality of goods.

There was as usual more or less evidence of pickled stock and, of course, much stock was received too late to supply the demand, for the growers seem never

to learn that the principal demand comes the second day before the holiday. The wholesalers sum up the situation by estimating the trade as at least 25 per cent less than a year ago, but the market was fairly well cleaned out at the end on all salable material. A noteworthy feature was that the buyers were reluctant to place advance orders, not seeming to know what their requirements were likely to be.

Various Notes.

John P. Risch reports all preparations complete for the Florists' Club's third annual ball at the Masonic Temple next Wednesday evening. Tickets have been widely distributed and are reported selling well. A complete success seems assured for the evening's entertainment.

E. C. Amling reports that cattleyas have been very scarce and of indifferent quality, but he is now getting some very good stock from one of the large eastern growers.

N. J. Wietor reports sales of Enchantress carnations at 8 cents this week. Unfortunately, the supply of this grade of stock was not great.

Geo. Reinberg had a heavy cut for Thanksgiving, with many Beauties. He now has carnation cuttings rooted ready to ship.

Sinner Bros. are handling Reed & Keller's Christmas bells and report a good demand.

It is reported that a horse and wagon belonging to the Chicago Carnation Co. was stolen from the street at Joliet last Saturday night. The wagon contained all the provisions for the company's employes for the week.

John Zeck, at J. A. Budlong's, says this has been the biggest Thanksgiving in their history, but they had plenty of stock to fill orders.

Recent reports from the green district in Wisconsin indicate that picking has ceased in many localities because of snow and cold weather. One well known handler of green reports that he has never known, in more than twenty years' experience, the time when any considerable quantity was picked after as hard a freeze as that of last week. Very little green has as yet reached this market, and none whatever outside of legitimate channels. There is record of sales of $6 and $7 per 100 pounds.

Bassett & Washburn are cutting some very well grown Mrs. Jerome Jones.

L. Coatsworth is at New Castle for a few days' outing.

Kennicott Bros. have had some very choice Chadwick mums this week, but E. F. Pieser says it was a tough proposition to get an extra 50 cents a dozen out of them on account of the unusual quality. The sorts that were wanted were the kind that wholesale at from $5 to $8 per hundred.

A. Lange says his mail order business is growing steadily and serves to keep him going when local trade is light.

There were some fine floral pieces at the opening of the new Iroquois theater Monday night.

A. L. Randall is incorporating to facilitate giving his associates an interest in the business.

Albert Oelschig, son of A. C. Oelschig, of Savannah, Ga., who has been for some months past with the Geo. Wittbold Co., has gone to Cleveland, to gain additional experience with the J. M. Gasser Company.

Among the week's visitors were B. Eschner, of M. Rice & Co., Philadelphia; Carl Hirsch, Hillsdale, Mich.; M. F. Kyle, Kalamazoo, Mich.; A. Siegel, St. Louis, Mo.

PHILADELPHIA.

The Market.

A complete change came over the cut flower market at the close of last week and by Saturday night there was really no presentable stuff to be had in town, a most extraordinary thing after the long period of over-production. This welcome change was due partly to the rapidity with which icicles followed Indian summer, and partly to the rapidity with which the social wheel is revolving, though not as yet startling. The rose growers, being closer to the city, were much quicker to grasp the situation than their more distant brethren, who grow carnations. The latter flower became extremely scarce and from present appearances will continue so until after Thanksgiving. Chrysanthemums are very plentiful. There seems no probability that this week will anywhere near finish them. Prices have advanced on nearly all choice stock, with likelihood of their going higher in the next few days. They are, however, lower in many cases than at this time last year. Easter lilies are now offered in quantities, the Larchmont Nurseries shipping them regularly to S. S. Pennock. Paper Whites have also made their appearance, but Romans are overdue.

The Business Outlook.

Considerable apprehension has been felt that the season now commencing would prove a poor one. The depression in securities and real estate will, it is argued, have a very serious effect on our business. As evidence of this it is pointed out that the month of November is far behind the same month last year. While all this is true, there seems good reason to believe that we are about to experience a very fair season. General business, outside of stocks and real estate, is excellent and the wealth and population of this city and those adjacent to it are so rapidly increasing that active demand seems assured. The willingness shown by the department stores to spend money on flowers and plants and the speed with which quantities of stock have lately been marketed bear out this belief.

Decorative Plants.

The shipping season for foliage plants is about over. December usually brings considerable local demand and a few orders from out of town points. The quantities of palms sold have been larger than ever before and while there are probably also more left than in the past, few of them are large plants. The features of the season have been the decided preference shown for kentias over arecas, more marked even than in the past. The distribution of the golden pandanus, now scattered pretty thoroughly over the entire country, the advent of the Pierson fern, warmly welcomed in this city, and the great auction sale, the first of the its kind ever held in this city, were notable. There are other points of special interest: The making up in 10-inch pots of Dracæana terminalis, so cleverly executed by Lemuel Ball; the reawakening of general interest in Pandanus Veitchii, deserving of more favor as a house plant when grown cool and kept dry; the appearance of the new Ficus pandurata at Robert Craig & Son's, and the immense sale of small ferns in flats.

Notes.

J. J. Habermehl's Sons had some very large orders a few days ago. They used a great many cattleyas and lilies of the valley, 500 Cypripedium insigne and a thousand bunches of single violets.

Wm. A. Walton, of Oxford, Pa., has lately purchased an automobile, an encouraging sign for the flower market supporters.

Edward Reid has had some good shipping orders lately. He stated that one box went all the way to Valley City, N. D.

Pennock Brothers have been taking most of the fancy heliotrope that Dunn & Co. are handling. This is a really wonderful thing, large fragrant clusters of flowers borne on stems fully three feet long. It reflects great credit on the grower, Arthur Mallon, Jr.

Now that Pandanus Sanderi is becoming less plentiful at Riverton, James T. Clark has redoubled his vigilance; not even the vestige of a cutting escapes his watchful eye.

Leo Niessen is receiving some splendid Liberties from A. Farenwald; his stock promises to be very fine throughout December.

PHIL.

ST. LOUIS.

The Market.

During the past week the market remained much the same as previously reported, though funeral work was more plentiful. A slight improvement is noticed today (Monday) owing to the approach of Thanksgiving and we are hopeful that the business will continue good from now on. The supply is still large and plenty of good stock is obtainable at all the wholesale houses. Prices are up a few notches this week on all grades of stock. American Beauties have already reached $4 to $6 per dozen for special selection, but $3 is the average price for the good grades. Brides and Maids are in good supply and fancy stock figures from $5 to $8 per 100, while $3 and $4 buys fair stock. Carnot, Meteor, Golden Gate and Ivory are selling well this week and fancy stock is up to $10 per 100 on these. Perle and Sunset are $4 and $5 per 100.

Carnations are cleaning up pretty well this week and some very fine stock is in the market of Joost, Flora Hill, Crocker, Estelle, Lawson and Prosperity; $3 and $4 is asked for the fancy and down as low as $1 for short stock. Prices on these may be a little higher by Wednesday. The supply of chrysanthemums is still large, though not as many of the fancy sorts. The best of them run from $2 to $3 per dozen. Eaton, Appleton, Bonnaffon and Jones are the leading varieties that have the call. Small Ivory are in demand for funeral work. These sell at $3 per 100 and not enough are in for the demand.

Violets are moving lively and are cleaned up every day. Prices this week are 75 cents to $1 per 100 for the best and lots more could be used than come in. Romans are in this week, also Paper White narcissi, but in small quantities as yet, and are selling from $2 to $3 per 100. Stevia in bunches of twenty-five go at 35 cents per bunch. A little bouvardia is in but not enough to quote

prices. Plenty of greens of all kinds are to be had this week, though fancy ferns were a little scarce the first part of the week. Prices run as usual.

Various Notes.

Martin Reukauf, who is selling for H. Bayersdorfer & Co., was with us this week, talking holiday supplies to the trade.

E. W. Guy, at Belleville, suffered quite a loss the past week. One of the boilers gave out and frost did much damage to his roses, carnations and other stock, which was in the best possible shape for the holidays. This bad luck is much regretted by Mr. Guy's many St. Louis friends.

Theodore Klockenkemper is still cutting some fancy chrysanthemums at his place in North St. Louis. "Klock" is also sending in a lot of well grown carnations.

William Winter, in Kirkwood, is in the market with a fine lot of carnations and violets, which are selling well at Berning's.

William Hutchinson, of Kirkwood, had a fine lot of Eaton chrysanthemums the past week, which sold out clean at Ellis'.

At Kuehn's a fancy lot of roses, carnations and chrysanthemums are seen from Ammann, Vesey and Baer.

Club Meeting.

At the next club meeting, on Thursday afternoon, Dec. 10, the new Breitmeyer rose will be on exhibition and the members will have a chance to name it. This attraction alone should bring out a large attendance. With this ex-President Dunford will read an essay on "Stem Rot," which should be of great interest to all our carnation growers, and Col. Max Herzog will lead a discussion on heating greenhouses, which is also of great importance. The president expects a full attendance and especially the chairmen of the different committees.

Bowling.

The bowling club played its usual practice games on Monday night, with only seven members present, and some good bowling was done by Kuehn and Miller.

Player.	1st.	2d.	3d.	4th.	T'l.
C. A. Kuehn	159	194	185	194	732
Theo. Miller	117	181	178	170	646
J. J. Beneke	156	162	167	152	637
Carl Beyer	161	148	158	130	597
F. M. Ellis	142	168	155	132	597
Oscar Beneke	88	146	131	156	520
F. J. Meinhardt	89	120	127	130	466

J. J. B.

LILIES ON BENCH.

I should like to know if Harrisii and longiflorum lilies can be grown with good success, started in 4 and 5-inch pots, then planted on a bench in five or six inches of soil? C. A. M.

Yes, most decidedly you can plant out Harrisii or the Japan longiflorum on a bench. There would be no need of starting them in any larger pots than 4-inch and five inches of soil would be more than enough on the bench. Four inches of soil would do just as well. There is a great advantage in starting them in small pots, because then, before planting them on the bench, you can select the strongest and earliest for one batch and the next strongest for another, and so on, as well as discard all those diseased, stunts, misfits and those suffering from "general debility." W. S.

LOUISVILLE, KY.

We have had quite a little winter here for several days, the thermometer going down as low as 15 degrees, but it is turning somewhat warmer. Business all along the line the past week has been all that could be expected; lots of good chrysanthemums to be had.

Jacob Schulz gave a very fine chrysanthemum show at his store on Fourth avenue, November 18 to 21. The interior of the store was decorated with some very large bay trees and palms and ferns, which made the place look very fine. In the rear of the store, in his greenhouse, was the show of cut chrysanthemums, which were grand. His Yellow Eatons were sure enough extras, some measuring six inches across. The Jerome Jones, Chadwick and Mrs. Perrin were very fine but what attracted the most attention were the Begonia Gloire de Lorraine. The plants were growing in 6 and 7-inch pots. To top it off his roses, such as Sunrise and Mme. Chatenay, were wonders to everybody. There were also fine blooms of carnations, Enchantress, Adonis, Nelson, Lawson and Prosperity. A vase of handsome sweet peas was also shown. It was a successful show.

Jos. Coenen & Co. have as fine a bench of Mrs. Lawson carnations as can be seen anywhere around here. Their palms and ferns are all in good shape for Christmas. It takes John Bohrman and Mike Bell to handle them.

Wm. Mann, the good old lily king, out in the southern part of town, is always busy when you call on him, but he always has a good word for you.

Fred Haupt's store is very attractive. His show windows are always done up in fine style. His new delivery wagon is a beauty; you may call it the American Beauty.

Wm. Walker, the good old smiling Scotchman, always has a kind word for the writer when he calls on him. His Bride roses and chrysanthemums are very fine.

Hy. Fuchs has made quite an improvement in his houses and now has his place in fine shape.

The writer made a visit to Nanz & Neuner, at St. Mathews, and took a stroll through the different greenhouses and found everything in apple pie order. Geo. Reneisen took me through the American Beauty house, which was in fine shape, with a heavy crop in sight for Christmas. The carnation houses were all that could be desired, healthy plants and lots of buds. George is taken with Enchantress. Their chrysanthemums were very fine this season.

Ed Heitz's place, opposite St. Louis cemetery, is in fine shape. His roses are all looking fine.

C. H. Kunzman, the carnation king of this city, is jubilant over the crop of carnations which he will cut for Christmas. H. L.

Marion, Ind.—F. W. Herleman has built a propagating house 6x100 and extended his boiler room fifty feet. He is now getting ready to erect a carnation house 18x100.

Galena, Ill.—Ben Vandervate is always pushing for trade. Now it is a successful chrysanthemum show he has been holding in a down-town store.

Cairo, Ill.—Wm. Davidson has moved his flower store to the Lampert building on Eighth street, where he has a nicely fitted up place.

GARDENING UNDER GLASS

RHUBARB FORCING.

As with many other subjects used for forcing, one of the first essential conditions in rhubarb is to have the roots subjected to freezing before placing them in the forcing quarters. At the present time the frost is not likely to be strong enough to penetrate so deep as to give the desired results, but the roots can be thrown out on the surface of the ground and subjected there to 10 or 15 degrees of frost without hurt. It is well to watch the temperature closely when the roots are exposed like this, and if there is a likelihood of it running more than 15 degrees below the freezing point, to be prepared to cover the roots with loose litter and prevent their being damaged.

Wherever the forcing is to be done, the place should be darkened. This darkening not only hastens growth but renders the product much more tender. A mushroom house is the ideal place for forcing rhubarb, but it can be done under greenhouse benches by shading with curtains of burlap or some such material, though as a rule the space under the greenhouse benches does not allow head room enough. It should have space enough from the top of the crowns to allow the stalks to attain a length of at least two feet.

The roots should be lifted with enough soil adhering so that no other covering will be necessary. Then the clumps can be packed as closely together as they will stand. We put them up in rows about three feet wide, leaving space between the rows for a passageway for watering and gathering.

A plentiful supply of water is necessary, and if it can be given about the same temperature as that of the house, so much the better. After growth is well started frequent waterings with weak liquid manure will help to strengthen the stalks. Atmospheric moisture is necessary to keep the stalks crisp; a dry heat tends to make the product tough and tasteless. Our experience is that a temperature of 55 degrees is, all things considered, the best. Growth will be quicker at a higher temperature, but quality is apt to be sacrificed, where at a much lower temperature growth would be too slow to be profitable. W. S. Croydon.

PROPAGATING THE POTATO.

I saw a note in a recent issue of the Review about propagating the potato and will give you my experience in raising the New Gold Coin potato. I got one pound of the tubers about March 1, 1903, and put them in a box in the greenhouse. When sprouted about two inches I took the sprouts out and put them in pots. When about four inches high I cut the tops off three or four leaves above the soil. These cuttings I potted in a compost of equal parts sand and soil. Nearly every one rooted and when four or five inches high I took the tops off as before. This was continued until I had 465 plants from the one pound of tubers. These were set in the field at the proper time and about September 20 I dug 934 pounds of potatoes. Had I left them in the ground another thirty days I would have had 100 to 200 pounds more, for many of the tubers were not fully matured. J. Baldwin.

Send us Your Orders

FOR ANYTHING SEASONABLE.

Fine Beauties, Special Brides and Maids

ORDINARY AND FANCY CARNATIONS.
"GREEN GOODS" FOR ALL REQUIREMENTS.

WRITE US YOUR NEEDS TO-DAY.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

Cattleyas, $7.50 per doz.

AMERICAN BEAUTY,	Per doz.
36-inch stem	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$3.00 to $8.00
Meteors and Gates	3.00 to 8.00
Liberty	4.00 to 10.00
Mums, $1.00 to $3.00 per doz.	
Carnations	2.00 to 3.00
Violets	1.25 to 2.00
Valley	4.00
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns...per 1000, $1.50	.20
Galax, Bronze, per 10.0, $1.25	.15
" green, 1.00	.15
Adiantum	1.00
Smilax ... ...per doz., $1.50	10.00
Leucothoe sprays	.75

Subject to change without notice.

Mention the Review when you write.

ROCHESTER, IND.—T. H. Shelton, of the Rochester Greenhouses, will give his annual flower show next week.

KEWANEE, ILL.—Hamilton & Plummer are holding their annual flower show this week, with some very well grown chrysanthemum plants.

WASHINGTON, PA.—On November 5 the Washington Floral Co. opened a very handsome new retail store in charge of Miss Stella Myers.

MYERSDALE, PA.—Arthur Lorentz, who recently bought the Carbis property, will conduct the greenhouses and has engaged Robert Finegan as grower, etc.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

FOR RENT — Lower tenement of dwelling house, 6 rooms, steam heat, hot and cold water. Three greenhouses, each 100 ft long; barn; plenty of land; greenhouse rent free until April 1st; possession at once. Address P. O. Box 1329, Pittsfield, Mass.

SITUATION WANTED—By young single man experienced as assistant florist; good reference; state terms. Address Newton, 2025 Harlem ave., Baltimore, Md.

FOR SALE — Two acres of land in the best business city in the Northwest. Good dwelling house; greenhouse 20 x 60 feet; a large spring of running water. Splendid opening for a florist. No competition nearer than 60 miles. For further information address 1802 West Webb Street, Pendleton, Oregon.

FOR SALE — Well established greenhouses of 10,000 feet of glass and well filled with carnations and potted plants; over 2½ acres of land; fine dwelling and in every way complete. In a boom town. Reason for wanting to sell on account of ill health. Address for particulars, No. **214**, care Florists' Review, Chicago.

SITUATION WANTED—By working foreman; grower of cut flowers; roses and carnations a specialty; 26 years of age; married; 13 years' experience; or would rent a place of 10 000 sq. ft. of glass; have $400.00 to invest in a good paying business. Address No. **215**, care Florists' Review, Chicago.

SITUATION WANTED—As florist or gardener by a young man with 7 years' experience; steady and reliable; good references; private place preferred. Address No. **216**, care Florists' Review, Chicago.

SITUATION WANTED—By young, woman up-to-date, in a florists' store; ten years' experience; best reference. Address No. **207**, care Florists' Review, Chicago.

SITUATION WANTED—As manager or foreman with entire charge; capable of managing a large plant and having the work done in a practical way; up-to-date grower of roses, carnations, mums, etc.; first-class references; when applying state wages. Address No. **209**, care Florists' Review, Chicago.

SITUATION WANTED—By a young man of 21, quick, healthy and intelligent, capable of taking charge, in greenhouses; life-long experience in bulbs, cut flowers and pot plants; best of references; no bad habits. No. **208**, care Florists' Review, Chicago.

FOR SALE—Greenhouses, dwelling and about four acres good ground; no competition; full stocked; good business; offer at about half-price and terms to suit; good renter can have immediate charge. Address S. L. Harper, Mechanicsburg, Ohio.

SITUATION WANTED—By single man, with 8 years' experience in roses, carnations, mums, etc; good propagator. No. **211**, care Florists' Review, Chicago.

SITUATION WANTED—In florist's store by a young lady who has had 6 years' good, practical experience; excellent references. Prefer a large place where there is plenty of business and a chance for advancement. Address No. **212**, care Florists' Review, Chicago.

SITUATION WANTED—By an orchid grower; competent to grow a mixed collection of orchids; private or commercial; best of references. Address No. **213**, care Florists' Review, Chicago.

WANTED—A bright hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first class salesman. Address, with references as to ability and character, stating wages desired, No. **205**, care Florists' Review, Chicago.

FOR SALE—A beautiful home and greenhouse. Dwelling contains 13 rooms, all modern improvements, in a city of 7500 inhabitants, with no competition; greenhouse has 6000 feet under glass, well stocked with choicest plants. Will be sold together or separate. Reason for selling, health. Four railroads and good shipping acilities. Address Frank Shaffer, Pana, Ill.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

WANTED — A reliable all around store man; one having ability to decorate and design; permanent position. State salary and reference. William L. Rock Flower Co., Kansas City, Mo.

WANTED—Florist to grow pot plants and cut flowers, and take charge 6 000 feet glass; single, price $40.00 with room. Address No. **192**, care Florists' Review, Chicago.

FOR SALE—New greenhouse material as follows: New 2-in. black pipe, long lengths, 10 cts. per ft.; 6 x 8, 50 ft. boxes, American glass, single, $2.25 per box; 6 x 8, 50 ft. boxes, American, double, $2.70 box; 6 x 8, 100 ft. boxes, French, single, $4.00 box; 8 x 10 single French glass, $4.50 per 100 ft. box; 12 x 14, 16 x 18, 14 x 14, 50 ft. boxes, American glass, double, $3.60 box; 12 x 12, 10 x 14, 50 ft. boxes, American glass, single, $2.40 box. Clear gulf cypress greenhouse material, and everything for building. Send for prices. S. Jacobs & Sons, 1365 to 1375 Flushing Ave., Brooklyn, N. Y.

WANTED.

An all-around man to manage retail store in Chicago. Large established business. Applicant must not be over 35 and able to handle every sort of work in a first-class store. Address, with full particulars, No. **210**, care Florists' Review, Chicago.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health.

JAS. RICHARDSON, London, Ohio.

FOR SALE.

One single open delivery wagon; will also dispose of horse and harness.

FLORIST,
50 West 29th St., New York City.

..WANTED..

Florist; an all-round competent man to take charge of greenhouses and grounds. Wages $55.00 per month and free house. Address

W. C. TOOMEY,
St. Paul, Minnesota.

FOR SALE

On account of giving up business, a lot of nice plants of **Asparagus Plumosus Nanus, Asparagus Sprengeri, Boston Ferns, Aspidistras and Crimson Rambler Roses.** For prices address:

CHAS. P. GULICK,
Riverside Greenhouse,
KINGSTON, : : : : : NEW JERSEY.

A RARE BARGAIN.

For Sale. Four large Greenhouses, 10,000 feet, 10 by 15 double thick glass, all well stocked with Carnations, Smilax, Mignonette, Sweet Peas, Plumosus, Sprengeri, Violets, etc. Nicely located on two railroads and trolley; close to depot. Large packing shed, 20 by 24 feet; one-half of houses new, the other half good as new. A large paying retail and wholesale cut flower and plant trade established; no opposition; running from 2000 to 3000 feet of hotbeds and cold frames; sash for same, double thick glass. All in best of shape and in good running order. Connected with the same a 14-room double frame dwelling house, good as new; two wells of water; windmill and reservoir connected; electric lights all over the place. Hot water used for heating. Will sell at a bargain. 85 miles from Philadelphia, on Baltimore Central R. R. To any one with a small capital it is a grand opportunity for investment. Health failing. Possession given of everything at close of sale. One-fifth of purchase money can remain in the property. Any one desiring to examine the premises will be welcomed and particulars made known by

E. J. CLOUD, Florist,
L. B. 32, Avondale, Chester Co., Pa.
United Keystone Phone No. 9.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville Tenn.; Vice-Pres. F. A. Weber, St Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June 1904.

HENRY L. SLOSSON, the retired nurseryman, of Geneva, N. Y., died November 16, aged 61 years.

THE shipping season was a short one with the Oregon nurserymen, but there was a good growth in business.

C. G. MOZINGO, nurseryman, Nacogdoches, Tex., has filed a petition in bankruptcy; liabilities between $20,000 and $25,000.

M. J. WEAGO, of Wankee, Ia., has returned from a two weeks' visit to nurseries in the south, including Alabama, Georgia and Oklahoma.

J. L. INCE is in charge of Stark Bros.' interests at Portland, N. Y., where their business is developing rapidly. They are introducing the Hicks grape to New York growers.

THE nursery business in the south is making a steady growth. Peach trees are still the largest item but nut trees are now staple stock and many other specialties are assuming important positions in the list.

THE Minnesota State Horticultural Society meets at Minneapolis, December 1 to 4, and there is expected to be keen interest in the Minnesota seedling apple "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda," for which $1,000 is offered as a premium.

THE state of Washington is doing all it can to interfere with the sale in that state of nursery stock grown elsewhere. State Horticultural Commissioner A. Van Holderbelse has just rendered a decision in the case of the Portland Seed Co., that a catalogue sent by mail is an "agent" and as such brings the sender under the provisions of the law which requires that a license be taken out and a bond for $2,000 filed before one can do business in nursery stock in the state of Washington.

APPLE GROWERS' CONGRESS.

The American Apple Growers' Congress was held at St. Louis Nov. 17 and 18, with a large attendance. Delegates from nearly all the states were present. Henry M. Dunlop, the president, opened the meeting by delivering the annual address, in which he commended the organization on its growth. L. A. Goodman, of Kansas City, secretary of the Missouri Horticultural Society, read a paper on "Growing a Commercial Apple Orchard," and L. W. Stanton, of Richview, Ill., president of the Southern Illinois Horticultural Society, spoke on "The Several Methods of Marketing Apples." During the afternoon session, Wesley Greene, of Des Moines, Ia., secretary of the Iowa Horticultural Society, read paper on "How to Increase the Market Demand for Apples." Charles Crandell, of Urbana, Ill., instructor in horticulture at the University of Illinois, spoke on "Experiments in Preventing the Destructive Work of Apple Curculio." Professor John F. Stinson, superintendent of pomology of the World's Fair, discussed the "Apple Exhibit at the Exposition." Thomas J. Burrill, instructor in botany and horticulture at the University of Illinois, spoke on "Bitter Rot and Late Experiments Thereon."

The congress will meet again in St. Louis the first week in September, 1904, and the use of the convention building on the World's Fair grounds was accepted with thanks.

Henry M. Dunlop, of Savoy, Ill., was again elected president of the association; W. R. Wilkinson, of St. Louis, vice president; T. C. Wilson, of Hannibal, Mo., secretary; Wesley Greene, of Des Moines, treasurer, and Professor John T. Stinson, of Mountain Grove, Mo., statistician. The delegates were entertained by the officers of the Louisiana Purchase Exposition at the World's Fair grounds with a fine spread at which Frederick W. Taylor officiated. Most of the delegates left for home Wednesday night, much pleased with their visit.

J. J. B.

LARGE, BUSHY
HYDRANGEA
Paniculata Grandiflora.
4 to 5 feet.
$3.00 per doz.; $15.00 per 100; $120.00 per 1000.
ANDORRA NURSERIES
Chestnut Hill, PHILADELPHIA, PA.
Mention the Review when you write.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HAROY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention the Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention the Review when you write.

Send to THE MOON
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For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
Morrisville, Pa.
Mention the Review when you write.

PEONIES
FRAGRANS (Sometimes called Thurbecki).
$6.00 per 100.
For 1000 rate or other varieties write
GILBERT H. WILD, - - Sarcoxie, Mo.
Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 23d annual meeting will be held at St. Louis Mo., June, 1904.

VISITED CHICAGO: Wm. Cox, of the Cox Seed Co., San Francisco, Cal.

THE first of the 1904 general retail seed catalogues to come to hand is that of Chas. Winsel, Los Angeles, Cal.

THE dealer who sold Evergreen sweet corn for $15 per bushel last year has also a few bushels this year that he will let go at the same price.

JAMES B. KIDD, representing the Cox Seed Co., San Francisco, visited St. Paul and La Crosse this week. He is due at Milwaukee and Chicago shortly.

THE Corn Belt Seed House has been incorporated in New Jersey, with an authorized capital of $100,000, by A. Charles Cook, C. M. Buckley and B. B. Virden.

THE pickling varieties of cucumber go at from $1.50 to $3.00 per pound. One lot of 1,000 pounds is offered at $1.50 per lb. Evergreen sweet corn is eagerly sought and $5 per bushel has been paid; $7.50 to $10 is about what those who have any are asking, and last year's maximum price of $15 per bushel for Evergreen is likely to be realized for a genuine article.

CABBAGES are now selling at good prices and a stiff market is likely to prevail all through the winter. Onions are also advancing, and as there is not an over supply, prices for them will proably soar later. The prices that growers get for these articles during the winter have quite an effect upon the size of their seed order for them the following spring.

THE severe frost of the past week has not improved the outlook for sweet corn. A considerable quantity that has been counted upon as being available for seed, and which under ordinary conditions would have been all right, was in too green a state to stand the freeze. The worst thing about this is that the sections where the chances for securing good quantities of Evergreen and other canners' varieties was the best, are the ones that have been hit the hardest. Scarcity of sweet corn is no longer a matter of debate, it is an admitted fact.

GOVERNMENT SEEDS.

We are in receipt of the following circular letter dated Washington, D. C., November 18, 1903, and signed William Wolff Smith, newspaper correspondent:

Our services have been enlisted by several firms prominent in the seed trade who desire to secure the suppression of the congressional free seed distribution. While the trade is substantially a unit in demanding the abolishment of this distribution, there is a great divergence of opinion as to the plan which can be most effectively employed, and we are therefore addressing every member of the trade with a view to obtaining an expression of opinion from them as to what they think is the best method to be pursued to this end. We invite your attention to the enclosed circular, giving a brief historical account of the congressional free seed distribution as conducted for nine years, and setting forth the evils attendant thereon. We respectfully ask a careful perusal of this cir-

S. & W. Co.'s Famous RUSSIAN VALLEY.

The Genuine Russian Lily of the Valley can only be procured from us. The genuine has our trade mark registered label inside and in sealed cases only.

THERE IS NONE GENUINE WITHOUT OUR REGISTERED TRADE MARK LABEL.

Branch Store, 404 E. 34th St. STUMPP & WALTER CO., 50 Barclay St., New York.

cular by you and that you give us your views at your earliest opportunity.

From these replies, and with your support, guided by the wishes of the majority of the members of the seed trade, it is the intention of our clients to formulate and inaugurate an active plan of campaign with a view to eliminating the item for the free distribution from the agricultural appropriation bill at the ensuing session of congress. To be effective this work must be begun at the earliest possible moment; therefore a speedy reply from you will be of material assistance in determining how far our clients will go in this matter. Please let us hear from you at once.

In Mr. Smith's circular he gives figures to show that in 1896 the government seed shop sent out $75,000 worth of seeds while in 1904 $290,000 is to be expended. He states that in 1901, under contract, the cost was $4.45 per thousand packets, while this season, cheaper seeds and less quantities to the packet put up under government management will cost $6 per thousand packets. There is much other information of like character familiar to everyone who has watched the government seed distribution, but one statement which may be news to many is that "several firms, who, because of their prominence in the trade, and the positions occupied by their members on various committees of the seedsmen's organizations, might naturally be expected to aid the movement against the congressional distribution, are selling to the department large quantities of 'new and improved' varieties of seeds which are distributed by the department as 'novelties and specialties.' As each package of such 'novelties and specialties' contains a circular giving the name of the firm supplying the seeds, they are thus given tremendous advertising by the department at the expense of the public purse."

LOOK! THINK! BUY!

SURPLUS BULBS

	Per 1000
Paper White Grandiflora	$ 8.00
12-15 White Roman	25.00
11-12 " "	20 00
Narcissus Poeticus	3.50
" " Ornatus.	6.00
" Dbl. Von Sion, 1st size	9.50
" " " " 2nd "	8.00
" " " " Dbl. Nose	17 00
" Alba Plena Odorata	7.00
" Princeps Giant	7.50
Jonquils Campernelle	4.25
Tulips Artus	10.00
" Keizerskroon	10.50
" Yellow Prince	9.00
" Chrysolora	9.50
" L' Immaculee	8.50
" Crimson King	9 00
" Byboemen and Bizarres	10.00
Miniature Hyacinths, White, Light Blue, Dark Blue and Red	10.00
Crocus, Mont Blanc and Rizzio	2.50
L. Candidum	35.00
	Per 100
White Calla, 3-inch	$ 9.00
" " 1½-1¾-inch	3.50
Narcissus Grand Monarque	1.75
" Sir Watkin	1.75
" Golden Spur	1.50

Also a few hundred varieties named Hyacinths, per 100, 1st, $5.75; 2nd, $4.50.

☞We have a fairly large supply of all. All orders subject to previous sale. Order quick if you want them.

ST. LOUIS SEED CO.,

Successors to Retail Department of PLANT SEED CO., St. Louis, Mo.

SURPLUS BULBS.

SINGLE HYACINTHS for Bedding or Forcing, Light Blue, Pink and Pure White, $2 75 per 100; $23.00 per 1000.

NARCISSUS TRUMPET MAJOR	$7.50 per 1000
NARCISSUS VON SION, good forcing grade	12 00 "
ROMAN HYACINTHS, 12 to 15 cms.	25.00 "
CALLA ETHIOPICA, 5½ to 7-inch circumference	8.00 per 100
HARRISII LILY, 5 to 7-inch	3 50 "
PARROT TULIPS, best mixture	7.00 per 1000
CHINESE NARCISSUS per basket, 30 bulbs, $1.25	
Per bale, 4 baskets (120 bulbs)	4.25

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

Burpee's Seeds Grow

SEEDS THE ALBERT DICKINSON CO.

Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.

COTTON GRAIN BAGS. CHICAGO ILL.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention Review when you write.

W. W. RAWSON & CO. Arlington Tested Seeds BOSTON MASS

LONGIFLORUMS, HARRISII, FREESIA, OXALIS, CALLAS.

Now ready for delivery.

Annual Trade List of BULBS sent on application

W. W. RAWSON & CO., Seedsmen

12 and 13 Faneuil Hall Square, BOSTON.

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ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

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Nursery.... ....Seed..... Florists'... Catalogues

87-91 Plymouth Place, Chicago.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

ESTABLISHED 1802.

Thorburn's Bulbs

Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.

DUTCH HYACINTHS, SPIRAEAS and all Florists' Forcing Bulbs.

Expected soon and are booking orders now for

ASPARAGUS PLUMOSUS ROBUSTUS

Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.

$1.00 per 100 seeds; $9.00 per 1000 seeds.

J. M. THORBURN & CO.

36 Cortlandt St., NEW YORK.

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BULBS FOR FORCING and BEDDING.

BEST GRADES ONLY.

Write for special prices.

W. C. BECKERT, - ALLEGHENY, PA.

Mention Review when you write.

I SEND another dollar for your good paper; I miss it if I don't have it for Sunday.—L. THUBLIN, Mobile, Ala.

SAMUEL S. PENNOCK,
Easter Lilies.
Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write

Pittsburg Cut Flower Co. Ltd.
CHRYSANTHEMUMS, CARNATIONS, ROSES AND VALLEY.
WHOLESALE FLORISTS,
504 Liberty Ave., Pittsburg, Pa.
Mention Review when you write.

LOCKLAND, OHIO.

It was my second visit to "Bloomhurst," Mr. Partridge's comparatively new range of houses. When I first visited the place, some four years ago, it consisted of four or five houses, the nucleus of the present large range. Mr. Partridge's establishment now consists of twenty large houses, in the neighborhood of 100,000 square feet of glass, with a boiler pit holding three boilers of sufficient capacity to provide for six additional houses to be built in the spring.

A stroll through the ten carnation houses proved interesting indeed. Here I beheld the cream of the standard varieties as well as those of recent introduction "done to a turn." Clean, strong and healthy will about describe the condition of the plants. From all appearances they did well in the field, which accounts for their splendid behavior since housing. Like most of the progressive growers of to-day, Mr. Partridge believes in early planting. That early planting is the better method a glance at any modern carnation establishment, east or west, north or south (and I have seen a few in my travels) would soon convince the most skeptical. "Pinch your plants if you do not want your flowers early," remarked a prominent grower to me, "but give them an early start in the houses if you expect good results."

However, to return to Mr. Partridge's carnation houses, like everywhere else, Lawson is boss, among the pinks, though in stem it yields to Mrs. E. A. Nelson. The latter, as grown here, bears out all the claims that were made for this fine, though much abused variety. Floriana does equally well, promising to be at its best for Christmas trade. Genevieve Lord, Frances Joost and Melba are still holding their own here, the first one especially, looking as fine as it did in its halcyon days, when first put upon the market.

What Lawson is among pinks, Wolcott seems to be among whites, with White Cloud as a close second. Boston Market, although small as compared with its half-brother or cousin, Wolcott, is nevertheless a fine and paying variety. Peru is still given a chance, though in all probability it will be its last chance. Apollo, Crane and Estelle are the trio in red and while all do well, Mr. Partridge thinks (and many growers coincide with him) that there is ample room for a good one in that color. It is to be hoped that the introductions of this season may meet all expectations.

A glance at the rose houses was equally interesting. Planted in time, with good clean stock and well treated since, the roses, as a matter of course, are yielding good returns. There are nine houses, ranging in size from 25x150 to 30x235, given to roses. Bride, Maid, Ivory, Golden Gate, Liberty, Meteor and American Beauty are the varieties grown.

A fine residence, equipped with all modern conveniences, built recently, is now the abode of the presiding genius of "Bloomhurst." S. S. S.

WIETOR BROS.
Wholesale Florists,
51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

	Per doz.
AMERICAN BEAUTIES—	
30 to 36-inch	$4 00 to $5 00
20 to 24-inch	2 50 to 3 00
15 to 18-inch	1 50 to 2 00
Short stemmed	75 to 1 00
	Per 100
Bride	$4 00 to $8 00
Maid	4 00 to 8 00
Golden Gate	4 00 to 8 00
Perle	3 00 to 6 00
Ivory	$4 00 to $8 00
Liberty	4 00 to 10 00
La France	4 00 to 10 00
Meteor	4 00 to 8 00
ROSES—our selection	4 00
Carnations	2 00 to 3 00
	Per doz.
Chrysanthemums, ordinary	$1 50 to $2 00
Chrysanthemums, fancy	2 50 to 3 00

Mention the Review when you write

LANSING, MICH.—Gordon B. Smith and Clifford W. McDowell have purchased the Riverside greenhouses.

IF your REVIEW is a few hours late in reaching you this week it is due to Thanksgiving falling on the usual day for mailing the paper.

FRUITDALE, ALA.—The Southern Floral Nursery Company has established a branch at Buccatuma, Miss., where they will grow a number of acres of roses, narcissi, etc., besides pecans and strawberries next year.

COLORADO SPRINGS, COLO.—Business in general is rather dull, with plenty of good stock to be disposed of. Ed. Johnson is recently out of the hospital, after an operation on his eye. A bowling club has just been started, composed of twenty-five florists and private gardeners.

GREENVILLE, O.—O'Brien Bros., who are the latest to start in business here, have 3,000 feet of glass, having added 1,000 feet during the past year. James Frost is building a modern residence to cost about $5,000. Miss Allie Smith is looking for a suitable location to which to remove her greenhouses. 'Mums are good and selling well, carnations backward.

Peter Reinberg
51 Wabash Ave., CHICAGO.
WHOLESALE
Cut Flowers.

LARGEST GROWER IN THE WORLD.....
1,000,000 SQUARE FEET OF GLASS

Current Price List.

		Per Doz.
AM. BEAUTIES,	30-36 in. stems.	$4.00 to $5 00
" "	20-24 "	2.50 to 3.00
" "	15-18 "	1.50 to 2.00
" "	Short stems...	.75 to 1.00
		Per 100
CHATENAY		$4.00 to $10.00
LIBERTY		4.00 to 10.00
SUNRISE		4.00 to 8.00
BRIDE		4.00 to 8 00
BRIDESMAID		4.00 to 8.00
GOLDEN GATE		4.00 to 8.00
PERLE		3.00 to 6 00
CARNATIONS		2.00 to 3.00
ROSES, OUR SELECTION		4.00

All flowers are perfectly fresh and properly packed.
No charge for P. & O. on orders over $5 00.

Mention the Review when you write.

BALA, PA.—The greenhouse at the Philadelphia Country Club was destroyed, November 15, by fire which originated in the boiler room. The loss was $5,000. John Crawford, the gardener, was badly cut by broken glass while fighting the flames.

LEO NIESSEN.

Open from 7 a. m. to 8 p. m.

WHOLESALE FLORIST, 1217 ARCH ST., PHILADELPHIA.

Beauties, Liberties, Valley Chrysanthemums

Mention the Review when you write.

Johnson & Stokes' **Mammoth Verbenas**

NEW CROP. This splendid strain of Mammoth Verbenas can not be excelled for immense size of florets, large trusses and beautiful bright and distinct colors.

Mammoth Verbenas, J. & S. choice mixed .....2000 seeds 20c; per oz., $1 00
" " separate shades, white, pink scarlet, purple and striped.2000 seeds, 25c; per oz., 1 25

BURBANK'S GIANT SHASTA DAISY. Seed saved from the largest flowers. 100 seeds, 20c; 1000 seeds, $1 25

Clearing Sale of HYACINTHS, TULIPS and NARCISSI.

See our offer of JAPANESE LILIES in last issue.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

Mention the Review when you write.

If you want Beauties and Carnations, write, phone or wire **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., **PHILADELPHIA.**

Mention the Review when you write.

....THE....

COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

Mention the Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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The F. R. Williams Co.

Wholesale Florists...

CLEVELAND, - OHIO.

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CHAS. D. BALL,

GROWER .... OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention the Review when you write.

HARDY CUT FERNS.

Write for Prices.

FANCY DAGGER

L. B. BRAGUE,

Oldest, largest and most reliable dealer in the U. S. **HINSDALE, MASS.**

Mention the Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 25.

	Per doz.
Beauties, Specials	$3.00 to $5.00
" Extra	2 50
" No. 1	2.00
" Shorts	1.50
Queen of Edgely, No. 1	3.00 to 4 00
" " " No. 2	2.00 to 2.50
" " " No. 3	1.50
	Per 100
Bride and Bridesmaid, No. 1	8.00 to 10.00
" " No. 2	3 00 to 6.00
Golden Gate, Firsts	6 00 to 10.00
" Seconds	3.00 to 4.00
Kaiserin, Firsts	8.00 to 10.00
" Seconds	3.00 to 6.00
Liberty, Firsts	12.00 to 15.00
" Secouds	4.00 to 10 00
Meteor, Firsts	6.00 to 8 00
" Seconds	3.00 to 4.00
Perle	3.00 to 5 00
Sunrise	4.00 to 6.00
Ideal	5.00 to 10 00
Orchids—Cattleyas	40.00
" Cypripediums	15.00
" Dendrobium Formosum	40.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.00 to 3 00
" Prosperity	4 00 to 5.00
" Enchantress	4.00 to 5.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri	35.00 to 50 00
Chrysanthemums, Ordinary	4 00 to 10.00
" Fancy	15 00 to 30 00
Daisies, Common White	.50 to .75
" Yellow	1.00 to 1 50
Easter Lilies	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
" Fancy	3.00 to 4.00
Narcissus, Paper White	3.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.50
Violets, Ordinary, Single	.35 to .75
" Extra, Double	.75 to 1 25

EDWARD REID,

WHOLESALE FLORIST.

EVERYTHING IN CUT FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m.
Long Distance Telephone.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Chrysanthemums!

1432 South Penn Square, Philadelphia.

C. A. DUNN & CO.

Wholesale Florists,

1516-18 Sansom St. PHILADELPHIA.

Heliotropes, Mums, Violets.

Bell—Phones—Keystone.

Specimen Plants...

PANDANUS VEITCHII.

9-inch, $3.00 to $3.50 each; 10-inch, $4.50 to $5.00 each. Also smaller sizes.

JOHN WELSH YOUNG,

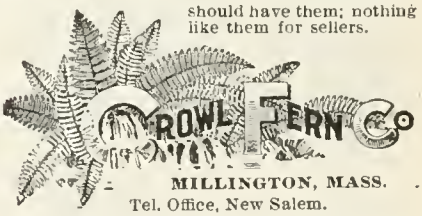
Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Fancy and Dagger Ferns

$1.00 per 1000.

Discount on large orders. Galax, bronze or green, new crop, 75c per 1000. Laurel Festooning, best in the world, 4c, 5c and 6c per yard—once used, always used. Southern Smilax $5 50 per case, 50 lbs. Try it when you want Smilax. Bouquet Green, No. 1 stock, $6 00 per 100 lbs.; also made into Wreaths and Roping; write for prices. Laurel Wreaths for Xmas; everyone should have them; nothing like them for sellers.



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Tel. Office, New Salem.

Long distance telephone connections.

ROSES.

ALL VARIETIES.
FRESH CUT.

Carefully packed and shipped direct from greenhouses.

HELLER BROS.

South Park Floral Co., NEW CASTLE, IND.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

"THE LILY KING." **Reasonable Prices. Square Dealing**
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 2230 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Tel. 2034 and 2239 Madison Square.

Established 1891.
GEO. E. BRADSHAW. JOHN R. HARTMAN
BRADSHAW & HARTMAN,
Wholesale Florists,
53 West 28th Street, **NEW YORK.**
Telephone 1239 Madison Square.
Consignments Solicited.
Mention the Review when you write.

JAMES McMANUS,
Telephone, 759 Madison Square. **50 W. 30th St., NEW YORK**
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St , NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations.**
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BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY!
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 2438 Madison Sq.
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JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., **NEW YORK CITY.**
Tel. 854 Madison Sq.
Consignments receive conscientious and prompt attention. Highest market price guaranteed.
The finest stock in the market always on hand.
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D. S. SLINN, JR. WALTER HUGHES.
SLINN & HUGHES
WHOLESALE FLORISTS.
Coogan Building, 55 and 57 West 26th Street, **NEW YORK.**
Telephone 2239 Madison Sq.
VIOLETS and SWAINSONA our specialties.
Shipping orders receive prompt attention.
Mention the Review when you write.

GEO. SALTFORD,
Author of "HOW TO MAKE MONEY GROWING VIOLETS."
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Nov. 23.

	Per 100	
Beauties, Specials	$25.00 to	$35.00
" Extra	15.00 to	20.00
" No. 1	6.00 to	12.00
" Shorts	2.00 to	4.00
Brides and Maids, Specials	5.00 to	8.00
" " Extra	3.00 to	5.00
" " No. 1	2.00 to	3.00
" " No. 2	1.00 to	2.00
Golden Gate	2.00 to	8.00
Liberty	2.00 to	12.00
Meteor	2.00 to	6.00
Cattleyas	35.00 to	60.00
Cypripediums	10.00 to	12.00
Dendrobium formosum	30.00 to	40.00
Carnations, Common	1.00 to	1.50
" Selects	1.50 to	2.00
" Fancies	2.00 to	3.00
" Novelties	3.00 to	5.00
Asparagus plumosus, Strings	25.00 to	50.00
Chrysanthemums, ordinary	2.00 to	3.00
" fancy	6.00 to	12.00
" novelties	12.00 to	25.00
Lilium Harrisii	5.00 to	8.00
Lily of the Valley	2.00 to	4.00
Smilax	6.00 to	10.00
Stevia, Bunch	.25 to	.35
Violets, ordinary	.40 to	.50
" extra	.75 to	1.00
" specials	1.00 to	1.25

The shortage in shipments of all kinds of cut flowers, except violets, toward the end of last week naturally lifted the market. These are Monday's prices and it is not at all likely that there will be any marked advance for Thanksgiving. Violets are coming in such a flood that even the best special bunches of 100 selected flowers do not go above $1.50. The aggregate day's receipts is estimated at a quarter of a million.

Rice Brothers
128 N. 6th Street,
MINNEAPOLIS, MINN.
Wholesale Cut Flowers and Supplies.
WILD SMILAX—Flowers billed at market prices.
Shippers of Choice Cut Flowers and Greens of all kinds. Try us.
Mention the Review when you write.

HOLTON & HUNKEL CO.
WHOLESALE FLORISTS.
MILWAUKEE, - WIS.
Mention the Review when you write.

JOHN YOUNG
51 W. 28th St., **NEW YORK.**
Tel. 1905 Madison Sq.
ORCHIDS CATTLEYA LABIATA and all other choice Orchids in season.
Everything in Cut Flowers—the best in the market
Mention Review when you write.

Young & Nugent
42 West 28th Street
New York
Send for Quotations
Mention the Review when you write.

H. C. RIEDEL. F. D. SPICER
Riedel & Spicer
Wholesale Florists,
Strictly Wholesale, 34 W. 29th Street,
Tel. 3039 Madison Sq. New York City.
Mention the Review when you write.

The New York Cut Flower Co.
55 and 57 West 26th Street,
WHOLESALE FLORISTS.
Daily Reports. Weekly Payments.
Tel. 756 Madison Sq. J. A. MILLANG, Manager
Mention Review when you write.

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention the Review when you write.

Always Mention the....
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THE PIONEER HOUSE.

J. K. ALLEN, Wholesale Florist, 106 West 28th St., NEW YORK CITY.

We ship all over the United States. Consignments realize with us the best market prices. Telephone 167 Madison Sq. Open every day at 6 a. m.

ESTABLISHED 1872.

John J. Perkins

WHOLESALE and COMMISSION FLORIST,
115 West 30th St., NEW YORK.
Telephone No. 956 Madison Sq.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled

Consignments Solicited.
Quick Returns to Shippers.
Highest Market Prices Guaranteed.

Mention the Review when you write.

ALEX. J. GUTTMAN,

Wholesale Florist.

☞Special conveniences for both Wholesalers and Retailers this season. None better in the country.

52 West 29th Street, New York
Telephone 1738 Madison,

Mention the Review when you write.

FRANK MILLANG,

CUT FLOWER EXCHANGE,
Coogan Building, 55-57 W. 26th St., NEW YORK CITY.
Phone 299 Madison Sq.
OPEN FROM 6:00 A. M. TO 5:00 P. M.
Everything for the Florist in Seasonable Flowers all the year around.

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Kurzman-Dacre Company

WHOLESALE FLORISTS,
37 W. 28th St. NEW YORK.
Telephone No. 2165 Madison Sq.

Mention the Review when you write.

GALAX.

Bronze or Green. 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.
Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.
Green Sheet Moss, choice stock, $2.50 per barrel sack.
Sphagnum Moss, $1.75 per large bale.

Florists' Supplies of every description.

L. J. Kreshover, 110-112 West 27th St. New York.
TEL. 597 MADISON SQUARE.

Mention Review when you write

A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of
EVERGREENS.

GALAX, Bronze or Green, $1 00 per 1000.
FERNS, Fancy, $1.50 per 1000. Dagger, .75 "

468 Sixth Avenue, NEW YORK
Between 28th and 29th Streets.
Telephone 1431 Madison Square.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, Nov. 25.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12 00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	8.00
" " " Extra	5 00 to 6 00
" " " No. 1	3 00 to 4 00
" " " No. 2	2.00
Cusin	4.00 to 8.00
Golden Gate	2.00 to 8 00
Kaiserin	2 00 to 8.00
Liberty	8 00 to 15 00
Meteor	4 00 to 8 00
Carnations, Common	1.00
" Selects	2.00 to 3 00
" Fancy	4 00 to 5 00
" Novelties	6 00
Adiantum Cuneatum	.75 to 1.50
Asparagus plumosus, Strings	40.00 to 50.00
" Sprays	2.00 to 4 00
" Sprengeri, Sprays	2 00 to 4.00
Chrysanthemums, ordinary	5.00 to 12.00
" fancy	15.00 to 20 00
Daisies	1.00 to 1.50
Hyacinths, Roman	2 00 to 4.00
Lilium Harrisii	10 00 to 15.00
Lily of the Valley	4.00
Mignonette, ordinary	3.00 to 4 00
" fancy	5 00
Narcissus, Paper White	4.00
Pansies	1.00
Smilax	10.00 to 15.00
Stevia	1.00 to 1.50
Sweet Peas	.75 to 1.25
Violets, ordinary	.25 to .75
extra	1.00 to 1.75
Galax	.15
Leucothoe	1.00
Common Ferns	.20

WE like the REVIEW better than ever and would not want to do without it—WM. DYER, Three Rivers, Mich.

THE REVIEW is worth a good deal to me; I would not know how to get along without it.—GEO. O. KLEIN, Beards, Ky.

MY stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

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Wholesale Cut Flower Prices.

Chicago, Nov. 25

	Per doz.
Beauties, 36-inch stems	$5 00
" 30 "	4 00
" 24 "	3 00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts	1.00
	Per 100
Bridesmaids, Specials	$6.00 to $8 00
" Firsts	4.00 to 5 00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	5.00 to 7.00
Carnot, Firsts	6 00 to 10 00
" Seconds	4.00 to 5.00
Ivory, Firsts	5.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	6.00 to 8.00
" Seconds	3.00 to 5 00
Perles, Firsts	4 00 to 6.00
" Seconds	2.00 to 3.00
Carnations, Fancy	3.00 to 4 00
" Commons	2.00
Violets	1 00 to 2.00
Chrysanthemums, $1 00 to $3.00 doz.	
Easter lilies, $2 00 doz.	
Callas, $1.50 per doz.	
Valley	3.00 to 4.00
Adiantum cuneatum	.75 to 1 00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax	$1.25 to $1.50 per doz.
Common ferns, per 1000, $1.50.	
Galax Leaves, $1.00 to $1.50 per 1000	

PELARGONIUMS.

J. J. asks: "How shall I treat English pelargoniums from now on till in bloom next spring? They are in 3½-inch pots and kept on the dry side."

Spring is not the time to propagate the show pelargonium, which is doubtless meant; they should be propagated in September. If these plants have not yet been cut down, do it at once. Cut them down to within three inches of the pot. They will break freely. Give them scarcely any water till the young growth appears, which will be in three or four weeks; then shake off all the soil and shorten back the longest roots and repot in no larger pot than they were previously in. Give them a light bench and about 50 degrees at night. They will need a shift in February. The tops of the plants that you cut off will root freely now in sand.

The usual time of flowering of these beautiful pelargoniums, so handsome and yet so little grown nowadays, is May and June. By August they have made their growth and should then be gradually and only slightly dried off and September is the month for propagating, as described above. I will add once more, you must cut low down or the two-year-old pelargonium becomes a most unsightly plant.

W. S.

THERE is no paper that comes to me which is read with more real interest and benefit than your excellent publication, and I trust it may remain with us long, and continue to improve.—WM. M. LINDSAY, Birmingham, Ala.

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1,000,000 FANCY FERNS, $1.00 per 1000. 200,000 Bronze GALAX, $1.00 per 1000 in 5000 lots; $9.00 per case of 10,000.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, Nov. 25.

	Per 100
Beauties, Specials	$45.00
" Extra	$25 00 to 35.00
" No. 1	15 00 to 20.00
" Shorts	6.00 to 10.00
Brides and Maids, Specials	6.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3 00
Cusin	2.00 to 5.00
Golden Gates	2.00 to 6.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Perle	2.00 to 5.00
Sunrise	2.00 to 6.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	6.00 to 12.50
" fancy	15.00 to 35.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	50 to .75
" Extra	1.00
Galax	.15
Leucothoe	.50
Common Ferns	.15

Baltimore, Nov. 25.

	Per 100
Am. Beauty No. 1	$10.00 to $20.00
" " Shorts	3.00 to 8.00
Bride and Bridesmaid	3.00 to 6.00
Golden Gate	3.00 to 6.00
Kaiserin	3 00 to 6.00
Liberty	3.00 to 6.00
Meteor	3.00 to 6.00
Perle	3.00 to 4.00
Carnations, Commons	1.00 to 1.25
" Selects	1.25 to 1.50
Adiantum Cuneatum	.75 to 1.00
Asparagus plumosus, Sprays	1.75 to 2.00
" Sprengeri, Sprays	1.75 to 2.00
Callas	6.00 to 8.00
Chrysanthemums, ordinary	3 00 to 5 00
" fancy	8.00 to 20.00
Lily of the Valley	3 00 to 4.00
Smilax	15.00 to 20.00
Violets	.40 to .50

Trade rather lagging last week, though at its close there was a little spurt and all the stock on hand was closed out. Mums continue abundant, too abundant. Good roses are hardening in value and prices have moved up a cent or two. Today there is a better inquiry all around.

"OUR advs. in your paper this year have certainly been most satisfactory in results."—GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

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If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

St. Louis, Nov. 25.

	Per dozen
Beauties, Specials	$4.00 to $6.00
" Extra	2.50 to 3.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.50 to 5.00
" " No. 1	2.50 to 3.00
" " No. 2	1.00 to 1.50
Carnot	6.00 to 8.00
Golden Gate	4.00 to 8.00
Kaiserin	5.00 to 8.00
Liberty	4.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Common	1.50 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
" Farleyense	1.00 to 1.50
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Bouvardia	2.00 to 4.00
Callas	10.00 to 12.50
Chrysanthemums, ordinary	4.00 to 8.00
" Fancy	15.00 to 25.00
Hyacinths, Roman	2.00 to 4.00
Lily of the Valley	4.00 to 5.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Stevia	1.00 to 1.50
Sweet Peas	.75 to 1.00
Violets, ordinary	.35 to .50
" extra	.75 to 1.00
Galax	.15
Common Ferns	.15

WE consider the REVIEW a necessity.—A. J. MECKLEY, Mt. Gilead, O.

YOU may count me as a subscriber so long as I am in the business.—A. A. WOOD, Salida, Colo.

I CANNOT do without the REVIEW, as it is the best guide as to where to buy stock, and if I have anything to sell I can't do better than to advertise in the REVIEW.—E. O'NEIL, Wheeling, W. Va.

ENCLOSED is a check for another dollar for subscription. The florist's best friend is his bank account; next comes the FLORISTS' REVIEW. It is a pleasure and a profit to sit down in the shade on a summer day or in one's warm office in winter and read what our brother florists over the whole country are doing.—C. W. EIFLER, Altoona, Pa.

FRANK M. ELLIS, WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

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Beg to announce that their exclusive FLORAL NOVELTIES are now ready for your inspection. We call particular attention to our Liberty Edge Taffeta in all Floral widths and the new fancy Chiffons. : : Our latest novelty: Violet Ties and Scarfs with Foliage Green tassels. : : All orders filled promptly.

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PLAIN, EMBOSSED, COLORED.

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Violet and Rose Foil a Specialty.

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(CONTINUED.)

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Send for my Floral Album, size 12x11, containing 24 different funeral designs Sent to any part of the country by express, $7.00 c. o. d.
226-226½ Bowery, NEW YORK.

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PITTSBURG.

The Market.

We have had a shortening up in the supply of roses and chrysanthemums during the last few days, but still there are plenty to meet all demands. Trade has improved considerable with all the storemen and the outlook for a good trade from now on is very good. In roses the quality has improved and some fine Brides and Maids are now in the market, which sell easily. American Beauties are also in the best of condition and meet with good demand.

Carnations are in active demand and not near enough arrive to go around. White and good pink in particular are very scarce. Chrysanthemums are wholesaling at $5 to $15 per hundred; some of the large Jones, Eaton and Golden Wedding bring $20 per hundred; a few specimen blooms 30 cents each. Violets, valley and mignonette are arriving in larger quantities and the demand is good, while sweet peas of excellent quality are selling slowly.

Smilax is a glut and hard to move at respectable prices.

Notes.

Mr. Burki is sending in some fine blooms of Enchantress and Prosperity carnations and the best Maids, Brides and Cusins coming to this market come from his Bakerstown place.

Blind Bros. struck it just right on a nice lot of giganteum lilies for Thanksgiving.

Patrick Maier is cutting the first Romans and Paper Whites in this section.

John Bader has his greenhouses well stocked with decorative plants for Christmas.

G. and J. W. Ludwig are receiving regular shipments of roses from the Dale estate, Canada, among them the new rose, Canadian Queen, which is much admired and quickly bought up by their retail trade.

Frank Faulk, one of the few among the craft who is a true nimrod, has returned from a successful pheasant hunt.

John Baldinger, who met with a painful accident some weeks ago, is able to be about again.

The next regular meeting of the Florists' Club occurs Tuesday evening, December 1. Christmas decorative material, plants, etc., will be on exhibition and some practical demonstrations made of the various uses of material. A large attendance is expected at this meeting.

Visitor: Congenial Mr. Skidelsky was in town. He said he finds business very good.

Hoo-Hoo.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 40c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ADIANTUM.

ADIANTUM CUNEATUM. A fine lot of heavy 4-inch pot plants, $1.25 per doz.; $10.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

AGAVES.

Century plant 28 years old for sale. Write first. K. A. Wellman, Crawford Co., Cambridge Springs, Pa.

AGERATUMS.

Ageratums Stella Gurney and White, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Brilliantissima, the new alternanthera. The finest of all the varieties. Just what you want if you want the best. $6 per 100; $50 per 1000. A. J. Baldwin, Newark, Ohio.

Alternantheras, 7 varieties, $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, double, 3-in., $2.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Alyssum, superior grade, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 1 to 3 ft., 2-yrs., field, transplanted, strong, $4.00 per 100, $35.00 per 1000. Honeysuckle, Hall's Japan and Golden, layers, 1 to 2 ft., $3.50 per 100, $25.00 per 1000. Cash with order. Walter H. Harrison, 1726 Lindenwood St., Philadelphia, Pa.

100,000 Ampelopsis Veitchii, 1, 2 and 3 years old. Prices on application.
McColgan Bros., Red Bank, N. J.

Ampelopsis Veitchii, 2-yr., 10c; 2nd. size, 5c. Cash. W. H. Salter, Rochester, N. Y.

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REVIEW Classified Advs.

ANEMONES.

Anemone Japonica, 10,000 Alba, $5.00 100; $45.00 1000. 10,000 Rubra, $5.00 100; $45.00 1000. 10,000 Whirlwind, $5.00 100; $45.00 1000. 3,000 Queen Charlotte, $6.00 100; $50.00 1000. Other perennials, phlox, achillea, iris, monarda, Hemerocallis flava, Clematis paniculata, etc. Write for prices on what you want.
Geo. J. Keller, Rochester, N. Y.

ARAUCARIAS.

ARAUCARIA EXCELSA. Perfect, well-shaped stock.

In. pots.	In. high.	Tiers.	Each.
4	10 to 12	3	$0.50
6	14 to 16	3 to 4	.75
6	16 to 18	4 to 5	1.00
6	18 to 20	4 to 5	1.25
7	22 to 24	4 to 5	1.50

HENRY A. DREER, Philadelphia, Pa.

Spring importation of Araucaria excelsa, our specialty.

In. pots.	In. high.	Tiers.	Each.
5	10—12	3	$0.50
5½—6	15—17 very broad		.75

Specimens, bushy, 8-in. pots, 25 to 33-in. high, 5 to 6 tiers, $2.00 to $2.50 each. Slightly damaged araucarias, 10 to 12-in., 50c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, fine plants, from 50c upward. Araucaria compacta, fine plants, from $1.00 upward.
John Bader, Troy Hill, Allegheny City, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Well-grown Sprengeri plants ready for

3-inch	$3.50	100	$30.00	1000
4½-inch	5.00	100	45.00	1000
6-inch	10.00	100	85.00	1000

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $7.00 100, $65.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus, 4-in., $10.00 100. Sprengeri, from flats, $1.00 100, $5.00 1000; 4-in., $6.00, 2¼-in., $1.50 100, $12.50 1000.
S. Whitton, 15 Gray St., Utica, N. Y.

Asparagus plumosus nanus, strong, bushy plants, 2½-in., fine for fern dishes, 4 cts. Asparagus Sprengeri, 2½-in., 2½ cts.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus, 2½-in., $5.00 100; 3-in., $8.00 100; 3½-in., $10.00 100. Sprengeri, field-grown, $5.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2-in., $5.00; 2½-in., $8.00. Sprengeri, 2-in., $3.50; 3-in., $5.00; 4-in., $10.00 100. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-inch, $1 25 100; $10.00 1000. 4-in., $1.75 100; $12.00 1000.
J. Steckler Seed Co., New Orleans, La.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, strong plants, 3-in., $5.00 per 100; 3½-in., $8.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 2½-in., fine, $4.00 100; 4-in. stock at $8.00 100.
The McGregor Bros. Co., Springfield, O.

Asparagus Sprengeri, 2½-in., ready for 3½-in., $2.00 per 100; $17.50 per 1000.
JACKSON & PERKINS Co., Newark, New York.

Asparagus plumosus, 3-in., 6c; 4-in., 12½c; 6-in., fine, large plants, 25c.
Crown Point Floral Co., Crown Point, Ind.

Asparagus Sprengeri, 3-in., ready for 4-in., 50c per doz.; $4.00 per 100.
J. S. Bloom, Riegelsville, Pa.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, large 2-inch, ready for 4-inch, 2c to close out.
Lamprecht Bros., Ashland, O.

Asparagus plumosus, 2¼-in. pots, $3.00 100. Sprengeri, $2.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Asparagus plumosus, 4-in. pots, $12.50 per 100. Cash with order.
H. H. BARROWS & SON, Whitman, Mass.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus plumosus nanus, 3-in., good value, $8.00 per 100. S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, 2-in., $2.00 per 100; $18.00 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus Sprengeri, 2-in., ready for 3-in., $2.00 100. John Brod, Niles Center, Ill.

Asparagus Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri, fine 3-inch stock, $4.00 100. National Plant Co., Dayton, O.

Asparagus Sprengeri, 2-in., fine, $1.25 100. White's Conservatories, Sandusky, O.

Asparagus Sprengeri, 2-in., $1.20 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN Lakewood N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPIDISTRAS

Aspidistra lurida, fine stock in 5-in. pots, 8 to 14 leaves, 25 cts. to 35cts each.
R. G. Hanford, Norwalk, Conn.

AZALEAS.

AZALEAS FOR FORCING. All the standard American varieties, in bushy, well-budded plants.

	Doz.	100.
10 to 12-inch crowns	$4.50	$35.00
12 to 14-inch crowns	6.00	45.00
14 to 16-inch crowns	7.50	55.00

HENRY A. DREER, Philadelphia, Pa.

Azalea Indica, shipments arriving in fine condition. We are offering only best American market varieties; no cheap assorted "case lots."
10 to 12-inch crowns .....$35.00 per 100
12 to 14-inch crowns ..... 45.00 per 100
14 to 16-inch crowns ..... 55.00 per 100
Storrs & Harrison Co., Painesville, O.

AZALEA INDICA. We have the best American leading varieties, about 12 sorts, that money could buy at lower prices than any firm in America, 35c, 40c, 50c, 75c. Specimens, $1.00 each by the doz. or 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

HARDY AZALEA MOLLIS for forcing early. A fine lot of very bushy plants, 15 inches high, covered with flower buds, $4.50 per doz.; $35.00 per 100. For early forcing this type of azalea is becoming more popular every season.
HENRY A. DREER, Philadelphia, Pa.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

BAY TREES.

Bay Trees. Have just received a fine lot of standards and pyramids.
F. W. O. Schmitz, Prince Bay, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maculata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias, 6 leading var., including Pres. Carnot, 4-in. pots, $8.00 100; 3-in., $5.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Fine Rex begonias, 2-in., 3c. Satisfaction guaranteed or money refunded.
Paul O. Tauer, Lebanon, Ind.

Begonia rubra, fine plants from 2½-in. pots, ready for shifting, $3.00 100.
The McGregor Bros. Co., Springfield, O.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonia de Lorraine, 2¼-in., $15.00 100; $140.00 1000. Julius Roehrs, Rutherford, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

Begonia incarnata, 4-in., $6.00 100.
Nathan Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Fine Jerusalem cherries in 3½ and 4-in., very strong, ready for 5 and 6-in. Well fruited, bushy plants, $1.50 per doz. while they last. Cash, please.
Burnell & Totman, Randolph, Vt.

Solanum or Jerusalem cherries, 5 to 5½-in. pots, strong, full of berries, $1.80 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dwarf Jerusalem cherries, full of fruit. 5 in., 15 cts.; 6 in., 25 cts. each.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

Celestial peppers, 5-in., $1.50 doz., $12.00 100. Oechslin Bros., 1688 W. Madison St., Chicago.

Celestial peppers, out of 4-in., 75c doz., $5.00 100. J. C. Schmidt Co., Bristol, Pa.

Jerusalem cherries, from 2¼-in., $2.25 100.
National Plant Co., Dayton, O.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BOW WOOD.

BOW-WOOD. A pretty lot of bushy plants, about 12 inches high, just right for use in winter window boxes. $3.00 per doz.; $20.00 per 100. HENRY A. DREER, Philadelphia, Pa.

BULBS.

SURPLUS BULBS.

Single hyacinths for bedding or forcing, light blue, pink, and pure white, $2.75 100, $23.00 1000.

Narcissus Trumpet Major, $7.50 1000.

Narcissus Von Sion, good forcing grade, $12.00 1000.

Roman hyacinths, 12-15, $25.00 1000.

Calla Ethiopica, 5½ to 7-in. circumference, $8.00 100.

Harrisii Lilies, 5 to 7-in., $3.50 100.

Parrot Tulips, best mixture, $7.00 1000.

Chinese Narcissus, per basket 30 bulbs, $1.25; per bale, 4 baskets (120 bulbs), $4.25.

STORRS & HARRISON CO., Painesville, O.

Japanese lilies just arrived in splendid condition. Lilium auratum, 8 to 9, 130 to case, 75c doz., $4.50 100, $40.00 1000; 9 to 11, 100 to case, 40c doz., $6.75 100, $63.00 1000. Lilium speciosum (lancifolium) album, 8 to 9, 160 to case, 75c doz., $5.50 100, $50.00 1000; 9 to 11, 100 to case, 90c doz., $6.75 100, $63.00 1000. Lilium speciosum (lancifolium) rubrum, 8 to 9, 160 to case, 75c doz., $5.50 100, $50.00 1000; 9 to 11, 100 to case, 90c doz., $6.75 100, $63.00 1000.

Write for our new wholesale list of flower seeds.

JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

	12.	100.
Spiraea japonica	$0.50	$3.00
Spiraea multifl. comp.	.60	3.50
Astilboides floribunda	.75	4.50

Chinese narcissus, basket, $1.50; mat, 4 baskets, $4.50.

Special offer Lilium Harrisii, Semper Idem brand. Case 400, 5x7, $8.00; case 300, 6x7, $8.00; case 200, 7x9, $9.00.

Lilium longiflorum, 5x7, $1.85 100; $17.00 1000. H. H. Berger & Co., 47 Barclay St., N. Y.

CHINESE NARCISSUS, packed in baskets, 30 each, $1.20 per basket; bales of 4 baskets, 120 in all, $4.50 per bale. Special prices on lots of 1000 or over.

Stumpp & Walter Co., 50 Barclay St., N. Y.

Bulbs. A full line on hand, prices cheerfully given. Chinese Sacred lilies, Azalea indica in all sizes and in all leading var., will arrive this week. F. W. O. Schmitz, Prince Bay, N. Y.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antignon, Seeds, Cacti. Write for prices.

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Longiflorums, Harrisii, freesias, oxalis, callas now ready. Send for our annual trade list of bulbs.

W. W. RAWSON & CO., Boston, Mass.

Dutch hyacinths, spireas, and all florists' forcing bulbs. Write

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Bulbs for forcing and bedding. Best grades only. Write for special prices.

W. C. Beckert, Allegheny, Pa.

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Cannas, nice clumps. Florence Vaughan, J. C. Vaughan, Egandale, Chas. Henderson, A. Bouvier, Burbank, etc., $2.00 per 100; $15.00 per 1000. A. J. BALDWIN, Newark, Ohio.

Cannas. The following to clear out at 50c per 100, f. o. b.: Alemaunia, Austria, Burbank, Italia and Parthenope.

Louis Bosanquet, Fruitland Park, Fla.

New canna, WEST VIRGINIA, the best of all the Crozy type; large clumps, $1.00 per doz. Also Alf. Bouvier.

Gus Obermeyer, Parkersburg, W. Va.

CARNATIONS.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnations now ready.

	100.	1000.		100.	1000.
Q. Louise	$1.20	$11.00	Hig'botham	$1.40	$14.00
F. Hill	1.20	11.00	G. Hutrane	1.40	12.50
B. Rich'd	1.00	10.00	Palmer	1.50	14.00
Lawson	1.40	12.50	Estelle	1.50	14.00
Crocker	1.20	11.00	Eldorado	1.20	11.00
M'n'g Glory	1.20	11.00	Gold Nug't	1.00	10.00
Cressbrook	2.50	20.00	Prosperity	1.40	12.50
Mermaid	1.00	10.00	Mrs. Bradt	1.00	10.00

Cash with order, express paid.

THE KNOLL NURSERIES, Penryn, Cal.

Carnations, well-rooted and free from disease. Dec. 15th delivery. Innocence, Dorothy, Enquirer and Gov. Wolcott, $3.00 100, $18.00 1000. White Cloud, Glacier, Crane, $1.50 100, $12.50 1000. F. Hill, Joost, Marquis, $1.25 100, $10.00 1000. Cash.

Buckley Plant Co., Springfield, Ill.

Carnation cuttings now ready.

	100.	1000.
500 Fair Maid	$3.00	$25.00
500 Queen	6.00	50.00
1000 Lawson	2.50	20.00
500 Enchantress	6.00	50.00
500 Queen Louise	2.00	15.00
2000 Morning Glory	2.00	15.00

Orders booked now for January and February delivery. Orders from parties unknown to us must be accompanied by cash or satisfactory references.

The Lewis Conservatories, Marlboro, Mass.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.

W. K. Partridge, Sta. R., Cincinnati, O.

Rooted carnation cuttings.	100.	1000.
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.

Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.	100.	1000.
Lillian Pond,	$5.00	$40.00
Enchantress,	6.00	50.00
Lawson, Dec. 1st delivery	3.00	25.00
Prosperity, " " "	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

My stock of carnations is vigorous and healthy. Rooted cuttings will be strictly first-class. Write for varieties and prices.

Henry Baer, Wholesale Carnation Grower, R. F. D. No. 3, Peoria, Ill.

Carnation cuttings from sand, December delivery. 500 Crane, 200 M. Glory, 200 Melba, 200 Prosperity, 200 G. Lord, 1500 Norway, 750 Flora Hill, 250 Scott and 250 Joost, $1.20 per 100.

East Side Floral Co., Minneapolis, Minn.

EXTRA GRADE CUTTINGS.

Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order.

GEO. S. OSBORN, Hartford, Conn.

Two new white carnations for 1904. LADY BOUNTIFUL and The Belle. The two best commercial sorts. Price, $12.00 100; $100.00 1000.

F. Dorner & Sons Co., Lafayette, Ind.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.

G. M. Naumann, Doan St., Cleveland, O.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.

W. E. HALL, Clyde, O.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.

P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to

John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Carnation rooted cuttings. Gov. Wolcott, $35.00 1000. Enchantress, $50.00 1000. Lawson $20.00 1000.

Poehlmann Bros. Co., Morton Grove, Ill.

We are now booking orders for carnation cuttings. All our plants are vigorous and healthy. Write us. Backer & Co., Billerica, Mass.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.

Loomis Floral Co., Loomis, Cal.

Rooted carnations now ready. For varieties and prices see our displayed adv.

California Carnation Co., Loomis, Cal.

Field-grown plants and rooted cuttings. Write for estimates on your wants.

W. H. Watson, Son & Co., Lapeer, Mich.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.

Rockville Greenhouses, Rockville Centre, N. Y.

Wm. Scott carnations, 500 field-grown, $3.50 100. Converse Greenhouses, Webster, Mass.

CHRYSANTHEMUMS

Chrysanthemum stock plants.

Pacific	Ivory	Golden Beauty
Bergmann	Pink Ivory	Mrs. Mordoch
Opah	V. Morel	Timothy Eaton
Polly Rose	Mary Hill	Mrs. J. Jones
Estelle	Mrs. Perrin	Mrs. Robinson
Willowbrook	Maud Dean	Mrs. Bassett
Harry Parr	Blackhawk	Col. Appleton
Chas. Davis	Mrs. E. D. Smith	Pluma
Golden Wedding	Mrs. Chadwick	Adula
Golden Beauty	Lavender Queen	M. Bonnaffon
Mrs. Constable		W. Bonnaffon

At $5.00 per 100. Cash with order.

LIVINGSTON SEED CO., Columbus, O.

Chrysanthemum stock plants now ready of Major Bonnaffon, 25c per doz.

H. S. Duly, Randolph, Mass.

Chrysanthemum stock plants. Liger, Yellow Eaton, 25c. Alice Byron, best commercial white, 20c each; $2.00 doz. Columbia, Richardson, Mrs. Coombes, Lady Harriet, 15c each; $1.50 doz. White and Yellow Bonnaffon, Pink and White Pacific, Mrs. Weeks, Bentley, Ivory, Philadelphia, Yanariva, Chamberlain, H. Pearson, J. K. Shaw, Col. Appleton, Yanoma, Eaton, Kalb, Robt. Halliday, Taggart, Goldmine, Lavender Queen, Edgar Sanders, White Childs, Intensity, Carrington, Mrs. Perrin, Arab, Murdock, Golden Wedding, Helen Bloodgood, Chas. Davis, V. Morel, Fee du Champsaur, Jeannie Falconer, Diana, etc., 10c each; $1.00 doz. Reduction on large order. Ready for shipment. Cash with order. GUNNAR TEILMANN, Marlon, Ind.

Chrysanthemum stock plants. White and Yellow Jones, Golden Wedding, Princess Bassaraba, Malcolm Lamond, Weeks, Mrs. Perrin, Park and Bonnaffon, 5c. Chadwick, 10c. Omega, Lady Harriet, Halliday, R. H. Pearson, Morel, Robinson, Appleton, Eaton, Fee du Champsaur, $8.00 100. Yellow Eaton, Marie Liger, Louis Leroux, Mlle. M. Douillet, Columbia, Berlioz and Baden Powell, $10.00 100. Ivory and Parr, $5.00 100.

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Chrysanthemums, Mlle. M. Liger, Miss A. Byron, E. Molyneux, Mrs. F. S. Vallis, 20 cents each, $2.00 per doz. Mabel Morgan, Mme. Herrewege, C. J. Salter, Mme. P. Radelli, Mrs. Barkley, 15 cents each; $1.50 per doz. Orders booked for Lord Salisbury, Loveliness, Lord Hopetoun, Convention Hall, Durbin's Pride, Mrs. Thirkell, W. R. Church, for early delivery. Write for prices. All first-class stock.

G. A. Lotze, Jr., Glenburnie, Md.

Stock 'mums, ready as flowers are cut. Marie Liger, A. J. Balfour, 35c each; Nellie Pockett, Yellow Eaton, Mrs. Chamberlain, 25c each; Orizaba, Merza, Polly Rose, Mrs. E. D. Smith, Alice Byron, Mrs. Coombes, Souci, Merula, 10c each; 30 standard sorts, including Glory of Pacific, Ivory, Eaton, Appleton, Philadelphia, Willowbrook, Cresco, Mrs. Robinson Mrs. Jerome Jones, 6c each.

Stuppy Floral Co., St. Joseph, Mo.

Stock plants, delivered as soon as flowers are cut, $3.00 per 100. Varieties;

Willowbrook, Halliday, Shaw, Ivory, Pink Ivory, Mrs. Robinson, Sunderbruch, Bloodgood, Pres. Smith, Appleton, Goldmine, Golden Wedding, Bonnaffon, Modesto, Timothy Eaton, Niveus, Indiana, Rieman, Dailledouze, Lavender Queen, Murdock, Violescent.

J. Louis Loose, Washington, D. C.

Chrysanthemum stock from exhibition blooms. Marie Liger, Yellow Eaton, Mrs. Coombes, Mrs. Richardson, Orizaba, 20c each; $2.00 per dozen.

Eaton, Appleton, Mrs. J. Jones, White and Yellow, Arline, Chamberlain, Shaw, Ivory, White and Yellow Bonnaffon, Golden Wedding, Bassett, Robinson, Estelle, Perrin, 10c each; 75c per dozen; $5.00 per 100. Cash, please.

HENRY EICHHOLZ, Waynesboro, Pa.

Chrysanthemums. Stock plants from bench, $5.00 per 100 in following sorts: Timothy Eaton, Yellow Eaton, Golden Wedding, Liberty, Mrs. Perrin, Superba, Florence Pullman, Blackhawk, Pres. W. R. Smith, Portia, Colombia, R. E. Richardson, Viviand-Morel, Violescent and Marie Liger.

Michell Plant and Bulb Co., St. Louis, Mo.

Chrysanthemom stock plants. Large, strong plants from bench. Yellow Eaton, 25c each. Estelle (White Pacific), fine, early, $1.50 per doz.; $10.00 per 100. G. S. Kalb, white, early; Glory of Pacific, pink; Colonel D. Appleton, yellow; Timothy Eaton, white; 75c per doz.; $5.00 per 100.

WILLIAM SWAYNE, Kennett Square, Pa.

Chrysanthemom stock plants. Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, 10c. Alice Byron, Mrs. F. J. Tranter, splendid new whites. F. J. Taggart, new hairy yellow, Goldmine, 15c. 50 to 75 vars. in small quantities. Prices on application. No order filled for less than $2.00.

W. A. Chalfant, Springfield, Mo.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.

Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.

Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum stock plants. Appleton, Eaton, Chadwick, White and Yellow Bonnaffon, Nellie Pockett, Golden Wedding, Morel, Robinson, Bassett, Jones, Intensity, Kalb, Polly Rose, Pacific, Goldmine, and other kinds, 10c each; $1.00 doz.; $6.00 100.

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Chrysanthemum stock plants, cheap. Marie Liger, pink, $1.25 doz., $10.00 100; Eaton, Bassett, Polly Rose, Robinson, Bonnaffon, Merry Christmas, $4.00 100, or will exchange for Yellow Eaton, Appleton or Convention Hall. Satisfaction guaranteed.

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New pink chrysanthemum, DR. ENGLEHART, the finest commercial pink ever introduced. Price: 50c each; $5.00 per doz.; $50.00 per 100. Also the grandest lot of novelties ever sent out. Send for description list.
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Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.
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Stock plants of Polly Rose Chrysanthemum, 50c per doz. Taunton Greenhouses, Taunton, Mass.

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Cineraria hybrida, Michell's finest strain, 2½-in. pots, $3.00 100; 4-in., very strong, $7.00 100. Cash with order, please.
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Cineraria hybrida, 2¼-in., $2.00, 2½-in., $2.50 100. M. M. Lathrop, Cortland, N. Y.

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Large-flowered clematis. Finest purple, lavender, white and red sorts, 2-year, 18c; 1-year, 9c. C. paniculata, extra fine, 10c; 2-yr., 6c; 2nd size, 4c. Cash.
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Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

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Cryptomeria japonica, 2-in., $5.00 100.
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Cycas by the 1000. Get my prices.
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CYCLAMEN SPLENDENS GIGANTEUM for Xmas blooming. Finest strain in the world. White, blood-red, white carmine eye, rose; first-class stock, well-budded, from 3, 3½, 4, 4½ and 5-inch pots at $7.00, $10.00, $12.00, $15.00 and $20.00 per 100.
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Cyclamen giganteum, finest English strain, well-grown and extra strong bushy plants set with buds, from 2½, 3, 4, 5, 5½ and 6-in. pots, at $4.00, $5.00, $8.00, $15.00, $20.00 and $25.00 per 100. Will exchange some for rooted geraniums. Wm. S. Herzog, Morris Plains, N. J.

Cyclamen giganteum, mixed colors; fine, well-grown plants full of buds and coming into bloom, 5-in. large, $3.00 doz.; 4-in., extra large, $12.00 100; choice 4-in., $10.00 100. Also choice cut carnations and mums.
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Cyclamen giganteum, extremely fine, very full budded, just coming into bloom. All colors, 4 and 5-in. pots, 2 doz., $5.50; $15.00 and $18.00 per 100.
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Cyclamen giganteum, from select seed, my own growing; thrifty plants, the leading colors, from 2½, 3 and 3½-in. pots, at 4c, 6c and 8c. Cash. W. J. Engle, R. D. 8, Dayton, O.

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Cyclamen giganteum, well set with buds, 4-in., $8.00; 3-in., $5.00 100.
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Cyclamen gig., large-flowered, 3-in., $5.00; 4-in., $10.00 100.
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DAHLIAS FOR EASTER FORCING. Send for cultural leaflet on the forcing of dahlias for Easter (supplied free on application) and consider if it will not pay you to follow one of your chrysanthemum houses when finished cutting with dahlias. We offer especially prepared roots of the following varieties: Storm King, A. D. Livoni and Camellia alba, $1.00 per doz., $8.00 per 100; Twentieth Century, $2.00 per doz., $15.00 per 100.
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Dahlias. Surplus of field clumps at $3.00 per 100, cash, of the following varieties: A. D. Livoni, Nymphea Electric, C. W. Bruton, Prince Charming, Guinea Hen.
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Dahlias, 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
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50,000 field clumps named. Send for list.
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Double red and white daisies, cutting grown, guaranteed all double; transplanted, in bud, $1.00 per 100.
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Dracaena indivisa, 3-in., extra strong, $6.00 100; good stock, $4.00 100. Shifted into 4-in. will make nice stock.
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TO GROWERS OF FLOWERING PLANTS. Two-year-old Erica fragrans, well-budded, large plants, can be forced in bloom for Xmas, $35.00 per 100; $65.00 for 200.
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Erica regerminans, 2-year-old, full of buds, come easily for Xmas, $30.00 per 100, $55.00 for 200.
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4-in. pots	$0.50 each, $ 5.50 doz.
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For larger specimen plants, prices on application.

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ADIANTUM CUNEATUM, very bushy, 4-in. pots, $12.00 100; $110.00 1000; 500 at 1000 rate.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
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FERNS IN FLATS. We can still supply, of good quality, flats containing about 200 each of the following varieties: Aspidium tsussimense, Lastrea aristata variegata, Nephrolepis cordata compacta, Pteris cretica albo-lineata, Pteris adiantoides, Pteris serrulata, Pteris serrulata cristata, Pteris magnifica at $2.00 per flat. Not less than 200 of a variety will be furnished.
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Fine plants, from 2-inch pots, Aspidium tsussimense, Cyrtomium falcatum, Pteris cretica albo-lineata, Pteris adiantoides, Pteris serrulata, Adiantum pubescens, $3.00 per 100.
Extra fine Aspidium tsussimense, Adiantum cuneatum and Lastrea aristata var., 3 in., $6.00 per 100; $50.00 per 1000.
Lastrea aristata var. and Polystichum coreaceum, 4 in., 8c.
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BOSTON FERNS, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Bench-grown Bostons in all sizes.
PIERSONI FERNS, young plants from bench, $15.00 100; 2½-in., $20.00 100; 4-in., 50c each; 5-in., 75c each.
All stock extra fine. Cash with order.
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Boston ferns, 2½-in., $5.00 100; 3-in., $10.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $1.00 to $1.50 each; 10-in., $2.00 to $2.50. Piersoni ferns, 2¼-in., 25c each; 3-in., 50c ea.; 4-in., 75c; 5-in., $1.00; 6-in., $1.50; 7-in., $2.50; 8-in., $3.00.
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ANNA FOSTER ferns, cut from bench, for 6-in., $35.00 100. Beautiful plants in pots, 5-in., $4.00; 6-in., $9.00; 7-in., $15.00; 8-in., $24.00; 9-in., $36.00 per doz.
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Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for ferneries at $3.00 per 100. Get our snap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

100,000 small ferns for fern dishes. Best commercial var. in 2¼-in. pots, $3.00 100; $25.00 1000. Nephrolepis Piersoni, strong plants, 2½-in., $3.00 doz., $22.00 100. Anna Foster, strong plants, 2¼-in., 75c doz., $6.00 100. Cash.
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Boston ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 30 to 35 in. high, 75c each, 7-in. pots, $1.00 each. Ferns for dishes, 2½-in. pots, $5.00 100.
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Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
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Piersoni ferns, 2¼-in., $20.00 100; 5-in., $1.00 each; 6-in., $1.50 each. Bostoniensis, 5-in., 25c ea.; 6-in., 35c ea. Cordata compacta, 5-in., 25c ea.; 6-in., 35c ea.
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Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
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500 Piersoni ferns from 3-in. pots, fine low plants, beautiful color, $25.00 per 100. Less than 100, 30c each.
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Boston ferns, bench-grown, strong, healthy plants, 200 in bench, ready for 6, 7 and 8-in. pots; also about 300 larger plants. Prices on application. Miami Floral Co., Dayton, Ohio.

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Ferns. Pteris only, in 5 varieties, out of 2½-in. pots, $2.50 per 100. Pteris, out of flats, transplanted, 75c per 100.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
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Forget-me-nots, hardy, blue; large plants, 40c 100, $3.00 1000.
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Gaillardia grandiflora, July sowing, $1.00 per 100. GEO. ENGEL, Xenia, Ohio.

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GENISTA FRAGRANS. A special bargain in a fine lot of shapely, heavy, 6-inch pots, plants which were intended to be carried over for Easter sales and which under ordinary conditions are worth $50.00 per 100, but which, for the want of room, we are closing out at $3.50 per doz., $25.00 per 100.
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Geraniums, from 2¼-inch pots. Good semi-double varieties only. Trego (new), the finest semi-double scarlet ever introduced, 10c each; $8.00 per 100. Paunpeck, grand pink, our own introduction. Highly commended by S. A. F. O. H., and recommended for distinctiveness of color by the New York Florists' Club. $5.00 per 100; $40.00 per 1000. Gen. Grant, Poitevine, S. A. Nutt, Chevalier, Contrast and Jaulin, $2.50 per 100; $20.00 per 1000.
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Geraniums, fine, 2½-inch pots, $2.00 100. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol. Bridoux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Thos. Meehan, Bucharle's White, Tamative, Gloire Bondeau, Marquis de Castellane, Alphonse Ricard. NATIONAL PLANT CO., Dayton, O.

Geraniums, Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 40c doz., $2.00 100.
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Geranium cuttings, well rooted. Nutt, La Favorite, Psul Bruant, R. R. Gosslin, J. J. Harrison. Best dbl. dark pink, dbl. salmon pink and single scarlet at $1.00 per 100, cash.
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Geraniums from 2¼-in., $2.00 per 100. Ricard, Perkins, Poitevine, Hill, Dryden, Bruant, Viaud, Mme. Jaulin, De Castellane, Marvel, La Favorite, Mrs. J. M. Gaar, Queen of West, Mrs. A. Blanc, Mme. Bruant and type. Strong stock. Satisfaction guaranteed.
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Well rooted cuttings true to name. Jean Viaud, S. A. Nutt, Mme. Buchner, $1.25 per 100; $10.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Countess de Harcourt, $1.50 per 100; $12.00 per 1000.
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Rooted geranium cuttings of Nutt, Grant, Jean Viaud, Mrs. Hill and La Favorite, $1.00 100; $10.00 1,000. Orders must be received before Dec. 1 at these prices. The same varieties in 2½-in., $1.50 100. Cash.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
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Geranium rooted cuttings. Buchner, best dbl. white, and Jean Viaud, best dbl. pink, $1.50 100; $10.00 1000. In assortment, my selection, all labeled, $1.50 100; $12.50 1000.
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Geranium cuttings, well rooted. Big lot now ready. S. A. Nutt, dark red; Mme. Laodry, pink; Beaute Poitevine, salmon, $1.25 per 100, $10.00 per 1000. C. F. Treichler, Sanboro, N. Y.

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Geraniums, good mixed rooted cuttings, $1.25 per 100. By mail postpaid.
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A bargain. 125 big 3-in. Bismarck, $5.00 the lot. Cash. Roney Bros., West Grove, Pa.

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Grasses. Erianthus Ravennae, Eulalia striatis, Gracillima univittata, and Japooica zebrina, $5.00 per 100.
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Poa trivialis variegata, fine for fern dishes. 2-inch, $2.50 100; 3-inch, $5.00 100.
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200 Arundo donax variegata, strong dormant roots, three eyes to the division; $6.00 100. Cash. Wachendorf Bros., Atlanta, Ga.

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Grevillea robusta, 2½-in., $2.50 100.
Ridge Lawn Greenhouses, Buffalo, N. Y.

HARDY PLANTS.

I have a large stock of the following named nursery grown seedlings which I wish to close out at once:

	100.	1000.	10000.
American Elm, 3 to 4 feet, transplanted	$1.00	$8.00	.....
American Ash,			
1 to 2 feet, seedlings	.50	3.00	$25.00
2 to 4 feet, seedlings	.80	7.00	55.00
4 to 6 feet, seedlings	2.00	18.00	.....
American Persimmon, 12 to 15 inches, seedlings	.40	3.50	.....
Althaea Rosea,			
4 to 6 inches, seedlings	.30	1.25	10.00
6 to 12 inches, seedlings	.40	3.00	25.00
Betula Nigra, birch,			
4 to 8 inches, seedlings	.20	.80	6.00
6 to 14 inches, seedlings	.30	1.50	12.00
12 to 18 inches, seedlings	.40	3.00	25.00

Catalpa speciosa and Kaempferi, Tea's Japan and Bignonioides, seedlings, large stock of each.

	100.	1000.	10000.
4 to 12 inches	$0.20	$1.50	$12.00
Catalpas (early frost killed tops),			
2 to 4 feet, seedlings	.50	4.00	.....
4 to 6 feet, seedlings	1.50	12.50	.....
6 to 10 feet, seedlings	7.00	.....	.....
Horse Chestnut,			
12 to 18 inches, seedlings	1.00	7.00	65.00
Sweet Gum,			
4 to 6 inches, seedlings	.30	1.25	10.00
6 to 12 inches, seedlings	.40	3.00	25.00
Sycamore,			
6 to 12 inches, seedlings	.40	3.00	25.00
Spanish Oak,			
6 to 14 inches, seedlings	.40	3.00	25.00
Silver Maples,			
8 to 16 inches, seedlings	.40	3.00	25.00
2 to 4 feet, transplanted	1.00	7.00	.....
4 to 6 feet, transplanted	2.00	18.00	.....
Russian Mulberry,			
6 to 12 inches	.30	1.00	8.00
Black Wild Mulberry,			
4 to 6 inches	.20	2.00	18.00
6 to 14 inches	.60	5.00	40.00
Walnut,			
Black, 6 to 14 inches	.60	5.00	40.00
White, 6 to 12 inches	.60	5.00	40.00
Japan, 6 to 12 inches	5.00	45.00	.....

Small collected seedlings for bedding plants, Sugar Maples, 4 to 6 inches, 60c 1000, $6.00 10,000. Red Bud, Sweet Gum, Tulip Poplar, Rhamnus Carolinus, Sycamore, each 4 to 6 inches, $1.25 1000, $10.00 10,000. Scarlet Maple, Sugar Maple, Tulip Poplar, Sweet Gum, Red Bud, Chestnut, Oak, each 1 to 2 feet, collected, $3.00 1000; 10,000 of each or assorted, $25.00. Collected stock of Thuja Canadensis, bemlock, 6 to 12 inches, $4.00; 1 to 2 feet, $6.00; 2 to 3 feet, $10.00 1000. Scarlet Maple and Tulip Poplar, collected stock, 4 to 7 feet, $2.50 100, $18.00 1000. Order at once.

I also have seed of the following:	1 lb.	10 lbs.
Corous Florida	$0.25	$2.00
Corous Stolonifera	.30	2.50
Halesia Tetraptera	.60	5.00
Red Bud, clean	.40	3.00
Dirca Folustris, leatherwood	1.00	....
Stuartia Pentagyna	1.00	8.00
Magnolia Grandiflora	.60	5.00
Magnolia Glauca	.70	6.00
Trumpet Flower	.60	5.00
Viburnum Nudum	.40	3.00

Other seeds in small lots. Write for trade list.
J. H. H. BOYD, Gage, Sequatchie Co., Tenn.

Eulalia Gracillima Univittata and Jap. Zebrina, 8 to 10-inch clumps, 10c.
Gaillardia, Phlox, Digitalis, Linum Perenne, Hellanthus Maximiliiana, Sedum Spectabile, Hibiscus Crimson Eye, Lythrum Superbum, Eryngium Planum, Heliopsis Pitcherianus, Rudbeckia Golden Glow, Statice Tartarica, Platycodon, Aquilegia Grandulosa, Anemone Queen Charlotte; German Iris, mixed; Deutzia, double white, 2 ft., all field-grown, 4c.
WERNER BROS., Painesville, O.

Hardy plants. Delphinium formosum, $5.00 100; $45.00 1,000. Wistaria sinensis seedlings, $2.50 100; $20.00 1,000. Spotted calla, cinnamon vine roots, dahlias, lilies, tritomas, iris. Send for price list.
E. S. Miller, Wading River, Long Island, N. Y.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
Peterson Nursery, 164 La Salle St., Chicago.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Hardy plants, grand assortment, fine plants. See displayed adv. or write
W. H. Salter, Rochester, N. Y.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

White lilac, 7 ft., $30.00 to $35.00 100. Cash. Rockville Greenhouses, Rockville Centre, N. Y.

5000 double white hollyhock plants, at 75c per 100. GEO. ENGEL, Xenia, Ohio.

HELIOTROPES.

Heliotropes, 2½-in., for benches or pots, $3.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

HIBISCUS.

50 Hibiscus miniatus semi-plena, large double red. Strong, bushy plants from 5-inch pots. Just the thing for centerpieces in vases next spring. $15.00 100. Cash.
Wachendorf Bros., Atlanta, Ga.

Hibiscus, 2-in., $2.00 100; 3-in., $4.00 100; 4-in., $6.00 100.
J. Steckler Seed Co., New Orleans, La.

HYDRANGEAS.

OTAKSA, THOS. HOGG, with 5 to 7 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $10.00; $45.00 for 500.
JACKSON & PERKINS CO., Newark, New York.

Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c.
Hiram T. Jones, Elizabeth, N. J.

Hydrangea Otaksa, pot-grown only, 6-in. pots, strong, bushy, ready for 7-in., 25c or $20.00 100; 5-in., $15.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Hydrangea paniculata grandiflora, large, bushy plants, 4 to 5 feet, $3.00 doz.; $15.00 100; $120.00 1000.
Andorra Nurseries, Chestnut Hill, Phila., Pa.

Hydrangea Otaksa, very strong, field-grown, from 5 to 12 branches, $10.00 per 100.
Peter Wenk, Clinton Ave., Ozone Park, L. I., N. Y. Telephone 164.

Hydrangea Otaksa, field-grown, large enough for ½ bbl. tubs, $1.00 each, 12 for $10.00.
Dann & Son, Westfield, N. Y.

Hydrangea pan. grand., bushy, 10c; tree-shaped specimens, 25c. Cash.
W. H. Salter, Rochester, N. Y.

Hydrangea Otaksa, fine field-grown plants, $8.00 per 100.
John Bonner, 301 Beecher St., Syracuse, N. Y.

BUSINESS BRINGERS—
Review
Classified Advs.

IVY.

Hardy English ivy, 2¼-in., $2.00 100; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, pot grown, clean, healthy stock, from 4-in. and 5-in. pots, vines 2½ to 3 ft., 12c. R. G. Hanford, Norwalk, Conn.

Hardy English ivy, strong, 3-in. pots, $5.00 per 100; $40.00 per 1000.
I. H. Moss, Govanstown, Baltimore, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please.
Godfrey Aschmann, 1012 Ontario St., Phila.

English ivy, field-grown, $4.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Ivy American, 2-yr., fine, 8c. Cash.
W. H. Salter, Rochester, N. Y.

JASMINES.

Cape Jasmines, 4-inch pots, $3.00 doz., $20.00 100. J. Steckler Seed Co., New Orleans, La.

LANTANAS.

Weeping lantanas, 2-in., 2c. Fine, strong plants or money refunded.
Paul O. Tauer, Lebanon, Ind.

LILY OF THE VALLEY.

S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and in sealed cases only.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley, from icehouse. The best Berlin pips in the market, $15.00 1000; case lot, 2500 pips, $35.00.
F. W. O. Schmitz, Prince Bay, N. Y.

Lily of the valley. Early Empress brand, for Xmas forcing, cases of 2,500, $30.00; 100, $1.50; 1,000, $12.50
H. H. Berger & Co., 47 Barclay St., N. Y.

Dutch valley clumps. Strong healthy clumps, case lots of 2000 clumps, $30.00.
Wm. Elliott & Sons, 54 Dey St., N. Y.

Lily of the valley will be ready soon. Place your order now.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

Lily of the valley always on hand.
H. N. Bruns, 1409 W. Madison St., Chicago.

MISTLETOE.

MISTLETOE—Silliman's celebrated EVERY SPRIG BERRIED BRAND, grown on our preserve in the Indian Territory. Packed in our patent basket cases stock reaches consumer without breakage. Low special with express companies. Twelfth year. Now booking orders for December shipment. Write for prices. Home office. A. B. Silliman & Co., Boone, Iowa.

Mistletoe. Fine, well-berried, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Satisfaction guaranteed. Mrs. Geo. J. Starr, Wilson, N. C.

Mistletoe of the best quality—it's guaranteed. W. W. Barnard & Co., 161 Kinzie St., Chicago.

ORANGES.

Otaheite orange, in fruit, 50c, 60c, 75c each.
R. G. Hanford, Norwalk, Conn.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Mendelii which I have received in good condition. Prices on application. Inspection invited. Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PALMS, ETC.

Latania borbonica. Reduced prices. 4-in. pots, $15.00 100, $2.00 doz.; 5-in. pots, $25.00 100, $3.50 doz.; 6-in. pots, $40.00 100, $5.00 doz.; from 8-in. pots and larger, $2.50 each and upward, according to size.
Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in. pots, $12.00; 4-in. pots, $25.00; 5-in. pots, $50.00; 6-in. pots, $15.00 doz.; from 7-in. pots and upward, at $1.75 to $35.00 each.
Areca lutescens, fine stock of large plants, from $1.50 upward.
Phoenix reclinata, 5-in. pots, $35.00 100, $4.50 doz.; 6-in. pots, $9.00 doz. Larger plants from $1.00 upward.
Phoenix canariensis, fine specimens, from $2.00 to $35.00 each.
Pandanus utilis, 3-in. pots, $8.00 100; 5-in., $30.00 100.
JOHN BADER, Troy Hill, Allegheny City, Pa.

CORYPHA AUSTRALIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea., $3.50 per 10; 6-in., 20 to 22 in. high, 5 to 6 lvs., 50c ea., $4.50 per 10. CHAMAEROPS HUMILIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea. PHOENIX CANARIENSIS, 5-in., 18 to 20 in. high, 3 to 4 lvs., 40c ea. PHOENIX TENUIS, 5-in., 20 to 22 in. high, 4 to 5 lvs., 40c ea.; 7-in., 24 to 26 in. high, 4 to 5 lvs., 75c ea. LATANIA BORBONICA, 5-in., 18 to 24 in. high, 3 to 4 lvs., 28c ea., $2.50 per 10, $20.00 per 100; 6-in., 20 to 25 in. high, 4 to 5 lvs., 45c ea., $4.00 per 10, $35.00 per 100. Spot cash with order. For other sorts see wholesale list. Send for it.
W. J. HESSER, Plattsmouth, Neb.

WASHINGTONIA FILIFERA
2-in. pots.....$3.50 per 100; $30.00 per 1000
6-in. pots.....85 each; 9.00 per doz.
LATANIA BORBONICA
2-in. pots.....$4.00 per 100; $35.00 per 1000
6-in. pots.....6.00 per doz.; 40.00 per 100
PHOENIX CANARIENSIS
6-in. pots.....$6.00 per doz.; $40.00 per 100
PANDANUS VEITCHII
3-in. pots.....$2.00 per doz.
4-in. pots.....5.00 per doz.
5-in. pots.....9.00 per doz.
J. Steckler Seed Co., New Orleans, La.

Large Areca lutescens, several plants to pot, 6½ to 7 ft. high, $12.50 per plant; 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6-in. pots, 2½ ft. high, $9.00 per doz. plants; 2 and 3 plants, in 4-in. pot, 18 to 22 inches high, $4.00 per doz. plants.
Latanias, 8-in. pots, 1 plant to pot, 8 to 10 lvs., $18.00 per doz.; 6-in., 1 plant to pot, 7 to 9 lvs., $9.00 per doz.; 6-in., 1 plant to pot, 5 to 7 lvs., $6.00 per doz. Prices of kentias, pandanuses, etc., on application.
J. W. Colflesh, 53rd St. and Woodland Ave., Philadelphia, Pa.

KENTIA BELMOREANA.
Fine healthy stock, absolutely free from scale.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	4-5	10-12	$15.00	$140.00
4-in.	5-6	15-18	25.00	220.00

KENTIA FORSTERIANA.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	3-4	12	$15.00	$140.00
4-in.	4-5	16	25.00	230.00

500 at 1000 rate.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

ARECA LUTESCENS, 3 plts. in 7-in., 2½-3 ft., $10.00 per doz.; 3 and 4 plts. in 8-in., 3 ft., full, $15.00 per doz.
KENTIA BELMOREANA, clean, stocky plants, 6-in., 18-24-in., $7.50 doz.; 7-in., 2 ft., X fine, $10.00 doz.
LATANIA BORBONICA, 5-in., ready for 6-in., 7-8 lvs., $2.25 per doz., $18.00 per 100.
T. N. YATES & CO., Mt. Airy, Philadelphia.

Kentia Forsteriana, 6-in. pots, 30 to 38 in. high, 75c to $1.00 ea. Belmoreana, 5½-in. pots, 25 to 28 in., 75c. Fine, bushy plants, 5 lvs., 20 to 25 in. high, 50 to 60c each. Forsteriana and Belmoreana, 4-in. pots, 15 to 18 in. high, 10c each. Areca lutescens, 4-in., 15 to 18 in., 10c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right. JULIUS ROEHRS, Rutherford, N. J.

Pots. Leaves. In. high. 12 100

Latania Borbonica	3-in.	4-5	8-10	$.75 $5
Latania Borbonica	5-in.	3-5 chr.	12-15	2.00 15
Latania Borbonica	5-in.	3-5 chr.	15-18	2.50 18
Kentia Belmoreana	2½"	3-4 chr.	8-10	1.50 10
Kentia Belmoreana	3-in.	3-5 chr.	10-15	1.75 13

Sherman Nursery Co., Charles City, Iowa.

COCOS WEDDELIANA is always scarce after the holidays. We have a good stock of 3-inch pots, from 8 to 12 inches high, at present at $2.00 per doz., $15.00 per 100. Why not lay in a supply now instead of receiving indifferent plants later in the season?
HENRY A. DREER, Philadelphia, Pa.

20,000 fan palms (W. filifera), one year, from open ground, $2.50 per 1000; 3 to 4 leaves, some with fan. Dave Turner, Phoenix, Arizona.

Latania borbonica, 5 ft., $3.00 each; 8 ft., $1.25 each.
F. W. O. Schmitz, Prince Bay, N. Y.

Palms and decorative plants. Send for price list. Chas. D. Ball, Holmesburg, Phila., Pa.

Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Kentia Belmoreana, 4-inch pots, $2.00 doz.
W. G. Kroeber, Danbury, Conn.

Kentias—all sizes—all prices.
L. H. Foster, Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSY PARK PERFECTION, a new strain and the best ever offered, largest in size of flowers and greatest variety of colors. Fine, stocky, open-ground, seed-bed plants; mixed colors, $4.50 per 1000; 500 for $2.50. Cash with order. Pansies a specialty for 30 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

Pansy plants. Largest flowering mixture of show varieties, unsurpassed quality, strong stocky plants, $3.00 per 1000. 500 at 1000 rate. In 5000 lots, $2.50 per 1000.
Gustav Pitzonka, Bristol, Pa.

PANSIES. DREER'S ROYAL EXHIBITION. Strong transplanted seedlings, 75c per 100, $5.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Pansy plants. Last call. Strong plants of finest varieties, $3.00 per 1000.
A. Wenisch, Williamsbridge, New York City.

Pansy plants, fine strain, 40c per 100; $2.00 per 1000. Cash.
J. P. CANNATA, Mt. Freedom, N. J.

Pansy plants, 50c 100; $3.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansies at 75c per 100.
L. Hoebel, Fort Lee, N. J.

PELARGONIUMS.

Pelargonium rooted cuttings, 15 var., all named, $2.25 100, prepaid. Cash.
S. D. Brant, Clay Center, Kan.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 164 La Salle St., Chicago.

Fragrans (sometimes called Thurbecki), $6.00 per 100; $50.00 per 1000.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Dbl.-fringed petunias, ten novelties, labeled, $1.00 100, $9.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

POINSETTIAS.

Poinsettias, 6-in. pots, 25c; 4-in. pots, 10c.
Crown Point Floral Co., Crown Point, Ind.

PRIMULAS.

Chinese primroses. International strain, finest grown and fine stock, 4-in., $1.50 doz., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; good Christmas plants. Primula obconica, grandiflora rosea and alba, mixed, mostly rose and tinted flowers; extra large flowered and choice stock and ready for larger pots, 4-in., extra heavy, $12.00 100; choice 4-in., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; 2-in., $2.00 100. All the above plants are first-class stock and such as you need for your Christmas trade.
N. O. Caswell, Delavan, Ill.

CHINESE PRIMROSES. No finer strain on the market, all colors, including blue, from 2½, 3, 3½ and 4-inch pots at $3.00, $5.00, $7.00 and $10.00 per 100. Primula obconica, from 3 and 3½-inch pots at $5.00 and $7.00 per 100.
PAUL MADER, East Stroudsburg, Pa.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00. 4-in., in bud and bloom, $6.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Primula obconica, grand., alba, rosea and fimbriata, $3.00 100, $25.00 1000. Cash.
Oechslin Bros., 1688 W. Madison St., Chicago.

Chinese primroses, bud and bloom, 4-in., $6.00. Obconica, 2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00, 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Primulas and primroses, 3-in., very strong, in bud and bloom, 50c per doz., $3.00 per 100. Cash, please.
Burnell & Totman, Randolph, Vt.

Primula obconica, from benches, $6.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Primula chinensis for Xmas blooming, all colors, 5-in., $1.80 doz., 6-in., $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula obconica, 2¼-inch pots, large enough to shift to 4-inch pots, $2.00 per 100.
Wm. A. Clark & Son, Watertown, N. Y.

Primula Chinese and obconica alba and rosea, 2¼-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Fine assortment of primroses, 5-inch pots, all in bloom, $2.00 doz.
W. G. Kroeber, Danbury, Conn.

Primula obconica, 2¼ and 3-in., $2.00 and $3.00. Cash. C. F. Krzysske, Sandusky, O.

Chinensis fimbriata, 2¼-in., $2.00; 2½-in., $2.50 100.
M. M. Lathrop, Cortland, N. Y.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Primula Chinensis fimbriata alba., $2.50 100.
Storrs & Harrison Co., Painesville, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chinese primroses, pink, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

PRIVET.

California privet, strong, well furnished plants, 2 to 3 ft., $3.00 per 100, $25.00 per 1000; 18 to 30-in., well branched and stocked, $2.00 per 100, $15.00 per 1000. Light, 15 to 20-in., good, $1.50 per 100, $10.00 per 1000. All are above 2 years. Strong 1-yr. plants, 18 to 24-in., 3 or more branches, $2.00 per 100, $15.00 per 1000; 15 to 20-in., 2 or more branches, $1.50 per 100, $10.00 per 1000. All well graded and packed. CHAS. BLACK, Hightstown, N. J.

CALIFORNIA PRIVET.	100.	1000.
Two-year, 2½ to 3 ft.	$2.75	$25.00
Two-year, 2 to 2½ ft.	2.50	22.00
Two-year, 18 to 24 in.	2.00	18.00
One-year, 12 to 18 in., branched	1.25	10.00
Will contract to make cuttings		.75

All the above grades have been transplanted and cut back, except the one-year.
J. H. O'Hagan, Little Silver, N. J.

80,000 2-year-old privet, well branched; will sell in row or block.
C. RIBSAM & SON, Trenton, N. J.

California privet in several grades. Prices on application.
McColgan Bros., Red Bank, N. J.

ROOTED CUTTINGS.

Rooted cuttings.	100	1000
Coleus, in variety	$ .60	$5.00
Double petunias, true to name	1.25	10.00
Heliotrope, all dark	1.00	9.00
Feverfew, Little Gem	1.25	10.00
Ageratum, in four varieties	.60	5.00
Fuchsias, true, from soil	1.25	10.00

J. E. Felthousen, Schenectady, N. Y.

ROSES.

American Beauties 200 4-in., $10.00 100
Meteors 300 4-in., 7.00 100
Baldwin 200 2½-in., 4.00 100
Cash or C. O. D.
W. J. & M. S. VESEY, Fort Wayne, Ind.

Roses. White Banksia, Universal Favorite, Manda's Triumph, South Orange Perfection, Crimson Rambler and Yellow Rambler, field-grown, 3 to 4 ft., $10.00 per 100.
James M. Lamb, Fayetteville, N. C.

CRIMSON RAMBLERS, XXX, 4 to 5 ft., $15.00 per 100. Extra fine plants. Pot now for Easter forcing. Prompt shipment.
JACKSON & PERKINS CO., Newark, New York.

Bride, Maid, Kaiserin, 2-in., 2c; Liberty, 2-in., 3c; American Beauty, 2-in., 4c. Fine strong plants or money refunded.
Paul O. Taner, Lebanon, Ind.

Rambler roses, scarlet and yellow, 2-yr.-old, extra strong, 5 ft. long, $3.00 per doz.
A. Wenisch, Williamsbridge, New York City.

Roses, fine assortment, all varieties. See displayed adv. or write.
W. H. Salter, Rochester, N. Y.

700 3-year-old Crimson Rambler roses. Write for price. C. L. Reese, Springfield, Ohio.

ROSE STOCKS.

We offer some fine, extra size Manetti rose stock for December delivery. Supply is limited, so write at once if you wish any.
Thomas Meehan & Sons, Inc., Wholesale Nurserymen, Dreshertown, Penna.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz.; 5-in., strong, 25c, $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica, 1 ft. high, $2.50 doz.; 2 ft. high, $3.00 doz.; 4 ft. high, $4.00 doz.
J. Steckler Seed Co., New Orleans, La.

Ficus, 6-in., good plants, 50c.
Crown Point Floral Co., Crown Point, Ind.

Ficus elastica. Write me.
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Salvias St. Louis and Bonfire, $1.00 100. Cash. Buckley Plant Co., Springfield, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

SEEDS.

CALIFORNIA SEEDS. New and rare varieties.

Flowers.	Hgh.	Smp. Pkt.
Fremonti californica, yellow	10 ft.	25c
*Romneya Coulteri, white	9 ft.	25c
*Dendromecon rigidum, yellow	8 ft.	25c
*Delphinium cardinale, red	6 ft.	15c
Argemone hispida, white	3 ft.	15c
Heuchera rubescens, red leaves, flesh	10 in.	25c
*Dicentra chrysantha, gold	5 ft.	20c
*Datura Wrighti, purplish	5 ft.	15c
Calochortus luvenustus, lavender	2 ft.	15c
Allium Parryi, rose	16 in.	15c
Potentilla gracilis, yellow	2 ft.	15c
*Pepper Bush, red berries, white	30 ft.	10c
*Tobacco tree, yellow	15 ft.	10c
Pentstemons, 3 kinds, red, blue, rosy	3 ft.	20c
*White sage, white foliage, white	7 ft.	10c
*Black sage, dark foliage, white	4 ft.	10c
*Malvastrum Thurberi, lavender	9 ft.	15c
*Astragalus crotolarae, white, procumb		15c
Salvia columbarae, blue	2 ft.	15c
Dodecatheon lanelfolium, lavender	18 in.	20c
*Oenothera, 2 varieties, rosy-white, procum.		25c
Mentzelia laevicaulis, canary	3 ft.	20c
*Helianthus Parishi, yellow	12 ft.	15c
*Yucca Whipplei, purplish	10 ft.	10c
*Washingtonia robusta, palm, white	60 ft.	25c
*Trichostema, "blue-curls," blue	18 in.	10c
Phacelia circinata, lavender	2 ft.	20c
Aphyllon commosum, brown	1 ft.	25c
*Eriogonum fasciculatum, rosy	3 ft.	20c
Encelia californica, yellow	4 ft.	10c
Antirrhinum Coulterianum, white	3 ft.	25c
Vitis californica, grape	30 ft.	10c
Convolvulus occidentalis, pink-white	10 ft.	15c
*Nogales, native black walnut	23 ft.	25c
Sisymbrimum canescens, white	2 ft.	15c
*Photos of typical plants, each		10c

W. G. WRIGHT, 445 F St., San Bernardino, Cal.

Johnson & Stokes' MAMMOTH VERBENAS. New crop seed. Is unsurpassed for immense size of florets, large trusses and beautiful, bright and distinct colors. J. & S. Choice mixed, 2000 seeds, 20c; oz., $1.00. Separate shades, white, pink, scarlet, purple and striped, 2000 seeds, 25c; oz., $1.25.
Burbank's Shasta daisy, seed saved from largest flowers, 20c 100, $1.25 1000 seeds.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Asparagus Sprengeri, 20c 100, $1.00 1,000. Shasta daisy, the best paying all around cut flower. 25c 100, $1.50 1,000. Sweet pea, California grown, all sorts, oz., 5c; ¼ lb., 10c; lb., 25c.
H. H. Berger & Co., 47 Barclay st., N. Y.

Michell's Mammoth verbena seed has a national reputation for vigor, size of bloom and vivid colorings. All colors, separate, 30c trade pkt.; ¼-oz., 50c; oz., $1.50.
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New crop Danish-grown cauliflower seed. Orders booked now for fall and spring delivery, direct from grower in Denmark. Write for samples and prices of cauliflower and cabbage seed. Hansen & Co., Box 470, Stamford, Conn.

Asparagus plumosus robustus grows more rapidly, yields more sprays for cutting and is more valuable for florists than other sorts; 100 seeds, $1.00; 1000 seeds, $9.00.
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Choice varieties of melon, tomato, cabbage, cucumber, sugar corn, egg plant and pepper seed. Send for list.
Wm. R. Bishop, Burlington, N. J.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate.
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Marsh's pansy mixture for florists, trade packets, only 25c. Choice seed.
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Kentia Belmoreana and Forsteriana seed, fresh from the tropics, $4.00 1000.
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Smilax, large bushy plants out of 2½-in., $1.00 100; $8.50 1000.
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Cut smilax, 6-ft. strings, 10c. To move it quickly. Chas. Pommert, Amelia, O.

Smilax, 2¼-in., 60c 100, $5.00 1000. Cash
Buckley Plant Co., Springfield, Ill.

Smilax, a superior grade, $3.00 100.
Nathan Smith & Son, Adrian, Mich.

Smilax, 2-in., 75c 100.
E. I. Rawlings, Quakertown, Pa.

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CABBAGE—Charleston and Jersey Wakefield, Succession and other early varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.
CELERY—White Plume, Golden Heart, Giant Pascal and other varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.
PARSLEY—Small plants from seed bed, 25c per 100, $1.25 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

ASPARAGUS ROOTS. 100,000 Palmetto and 400,000 Conover's Colossal asparagus roots, also 150,000 Barr's Mammoth, all strong, vigorous 2-yr-old roots. Send for price list.
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Follow mums with tomatoes; 2½-in. now ready; Eclipse and our own strain Lorillard, $2.00 per 100. Cash.
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Lettuce plants, Grand Rapids, Boston Market and other var., $1.00 1000, $8.50 10,000. Large stocky plants. J. C. Schmidt Co., Bristol, Pa.

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1000 good, stocky Lorillard tomato plants, 2½-in. pots, $2.00 per 100. Ready now.
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Vinca var., strong, bushy, field-grown, will fill 5-in. or split into 4-in., $5.00 per 100. Cash. Wm. N. Blackmon & Son, Center St., Trenton, N. J.

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Vinca var., field-grown, strong, bushy plants, $5.00 100. Cash, please.
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Vincas, both kinds. Large vines for 5 and 6-in., 3c. Lamprecht Bros., Ashland, O.

Vinca major, 6-in., $3.00 doz.
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VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed
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Violets protected from frost. Big clumps of Swanley White, $3.00 per 100. 2½-in. Campbell and Swanley, $1.50 per 100.
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Princess of Wales violets, field-grown plants, at $6.00 to $10.00 per 100; $60.00 to $75.00 per 1000. WM. SIM, Cliftondale, Mass.

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Violets, field-grown. Campbell, $3.00; California, $4.00 100. Cash.
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To Exchange—Asparagus Sprengeri, $1.50 per 100; $12.50 per 1000, 2¼-in., for ferns, geraniums, palms, vincas, etc.
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To Exchange—Stock 'mum plants at $3.00 and $4.00 100 for carnation plants.
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Wanted—A few genuine canna Ehmanni, large musa-like foliage, drooping purplish flowers, popular 15 years ago.
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Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
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CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
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Our box sells on its merits.
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Stock from the Berkshire Hills. Hardy cut fancy and dagger ferns, sphagnum moss, laurel, bouquet evergreens, festooning, wreaths, spruce and hemlock boughs. Satisfaction guaranteed. Write H. J. SMITH, Hinsdale, Mass.

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Holly, with and without berries; laurel and cedar branches; green sheet moss, and sphagnum moss. All goods A No. 1 in quality.
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Oldest dealer in the United States in hardy cut fancy and dagger ferns. Write for prices.
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California peppers, large bunches, bright red, 50c lb., $3.00 for 10 lbs. Sample 20c. Cash.
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Leucothoe sprays, $2.00 1000. Galax, 50c 1000. C. L. Howe, Banners Elk, N. C.

For southern wild smilax write
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Send us your name and address and we will mail you postpaid a large package of Walker's Excelsior Plant Food for trial, and also a large display card.
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Pure pulverized sheep manure and unleached hardwood ashes. Send for sample and price.
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Pure sheep manure, dried, pulverized and unpulverized. Write.
Montana Fertilizer Co., Elgin, Ill.

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Wax Flowers and Wax Floral Designs.
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GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves, 75c 1000. Picked by our own men in Banners Elk, N. C.
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Galax leaves. All orders receive personal and prompt attention.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
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White Rock glass, superior to any made as to temper, brilliancy of surface, etc. Quick shipments direct from factory. Low rate to florists. Small orders will receive careful attention. Write.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
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French glass for direct shipment from abroad. Write for quotations.
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Van Reyper's glazing points, mastica and machines.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
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Peerless glazing points are the best.
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Gold fish, squirrels, etc. Send for catalogue.
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Gold fish. Price list now ready.
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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

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Use SULPHO-TOBACCO SOAP and have clean, healthy plants. Sample free (state if you mention The Florists' Review.
LARKIN SOAP CO., Buffalo, N. Y.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Our booklet tells of it. Write Dept. D for it.
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NICOTICIDE kills all greenhouse pests.
Sold by all seedsmen.

Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
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Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Fresh and clean, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. 2½ bbl. bale, 75c; 10 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
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We carry a large assortment of colored raffia grass on hand for immediate shipment.
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American brand FLORIST FOIL—The standard foil of America.
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TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Wired toothpicks, box of 10,000, $1.50.
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Model Extension carnation supports and galvanized rose stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Excelsior carnation supports. In use 10 years. Write H. F. Littlefield, Worcester, Mass.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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Wire work of all kinds for florists. Send for price list.
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We are manufacturers — no middleman's profits.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

PACIFIC COAST.

PLANT NOTES.

Violets.

The violet, although generally considered one of the easiest grown garden flowers, is not a money maker for the average grower. There was a time a few years ago when most of our florists had a patch of the old-fashioned single Russian variety, and later of the well known California violet, but both these varieties have been discarded and the business has fallen almost entirely into the hands of the Italians and they grow the Princess variety almost exclusively. About ten years ago almost all our violets came from San Mateo and Menlo Park, and considerable money was made by growers who had many acres devoted to their culture, but since then our supplies are obtained principally from Ocean View and the Italian gardeners have the industry almost exclusively in their own hands.

Violets to be profitably grown have to be as carefully handled, almost, as a houseful of American Beauties. In the first place the climatic conditions must be just right. If the neighborhood is especially subject to frosty nights—and a few hundred feet in this locality makes big difference in temperature—you will look in vain in the morning for long-stemmed flowers, and will find instead a few little short-stemmed chaps not worth gathering.

Violets seem to like a stiff, sandy loam and they want to be kept well cultivated, so that they will have no check until the rains commence. The runners are taken off in March and April and the leaves tipped off and covered in beds of sand until they make a lot of fibrous roots. The ground where they are to be planted is plowed at least twice and, the young plants being ready, are planted out generally in May. The rows are from three to four feet apart, so as to give plenty of room to pass between with a horse and cultivator, and the plants are planted

about two feet apart in the rows. Violets, although generally not considered rank feeders, do not do well after a couple of seasons on the same ground, and the best results are obtained invariably on new soil. No use is made of the old plants, and they are usually plowed up and the ground used for something else.

Red spider seems to be the only drawback to the successful growth of violets and, as I stated before, in such localities as are blessed with cool and more or less foggy nights this little insect is unknown, and, if the plants are well cultivated and the problem of picking them cheaply is solved, the violet becomes a very remunerative crop. I find that many of our Italian friends have all the way from six to a dozen children, and they can all be found out in the fields from early morning until late in the day, harvesting the crop.

Princess of Wales comprises nine-tenths of the crop and a few growers still have patches of Marie Louise, Neapolitan and Swanley White, but they are all late blooming kinds and not in great demand. The first flowers were offered about September 1 this year and wholesaled at $1.50 per dozen bunches. Violets can be made to flower all the year if the runners are kept picked and plenty of moisture is furnished, but the flowers are weak of stem and fall to pieces very soon after picking during our several hot dry summer months. G.

SAN FRANCISCO.

The Market.

We have had an almost steady downpour of rain for the last five days and business has suffered in consequence. Although the dark days are not productive of any great quantity of indoor flowers, these have been ample to supply all demands. Several of the stores have had a goodly quantity of funeral work, but outside of this there is practically nothing doing. Violets are coming in more plentifully than they have been at any time during the season, and I think there will be an over abundance of them in a few days. The Stanford-Berkeley intercollegiate football game on Friday last used up thousands of yellow 'mums, and great quantities of red ones, but the sidewalk venders had the bulk of the business. Paper White narcissi have made their appearance and are being sold at $1 per hundred, wholesale. If we have plenty of moisture and not too much frost we can count on plenty of these flowers for several months to come. Valley remains scarce, and is in good demand.

Notes.

The Shanahan Floral Company reports business much ahead of last year at this time. Their show of flowers is one of the best in the city.

H. M. Sanborn, the well known florist of Oakland, who has been keeping a record of the rainfall for the last quarter of a century, predicts a heavy rainfall for the coming season. Mr. Sanborn is considered quite a weather prophet.

The death of Orestes Pierce last week removes from our midst one who was greatly interested in horticulture. Mr. Pierce had one of the finest collections of orchids in California. G.

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

500,000 Rooted Carnation Cuttings Now Ready.

TRANSPLANTED AT SAME PRICE.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	6.00	50.00	225.00
White Cloud	1 00	9.00	35.00
Pink.			
Lawson	$1 40	$12.50	$50 00
Marquis	1 00	9.00	35 00
Genevieve Lord	1.00	9.00	35.00
Argyle	1 00	9 00	35 00
Mrs. Joost	1.20	10 00	40.00
Mermaid	1.20	10 00	40 00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.40	24.00	90 00
Cressbrook	2.50	20.00	90.00
Mrs. Roosevelt	6 00	55.00	250.00
Enchantress	6.00	55 00	250 00
Success	4 00	35 00	150.00
McKinley	6.00	55 00	2.0 00
Triumph	1 20	1 .00	50.00
Wm. Scott	1.20	11.00	50 00

25 at 100 rate. 250 at 1000 rate.

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10.00	40 00
Estelle	1.50	14.00	65 00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Adonis	7.00	65.00	300.00
Crimson.			
Harlowarden	$5.00	$45.00	$200 00
Gov. Roosevelt	1.20	11.00	50.00
Gen. Gomez	1.00	9.00	35 00
Yellow.			
Golden Beauty	$1.75	$16.00	$75 00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14 00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450 00
Marshall Field	5.00	45 00	200 00
Tiger (Fancy)	5.00	45.00	200.00
Stella	3.00	25 00	100.00
Bradt	1.75	15.00	70.00
Armazindy	1 00	9.00	35.00

2500 at 5000 rate.

Unrooted Cuttings at half price.

TERMS:—Spot Cash. No discount given, no matter how large the order. We prepay express charges at above figures to your city. If on arrival they are not satisfactory return at once and money will be returned at once; we cannot vary from these terms.

California Carnation Co., Lock Box 103. **Loomis, Cal.**

Mention the Review when you write.

STRONGLY ROOTED CARNATIONS -- Now Ready.

NOVELTIES of 1903	100	1000
Harlowarden, crimson	$5.00	$45.00
Marshall Field red and white variegated	5.00	45.00
Lillian Pond, white	6.00	55.00
Enchantress, light pink	6.00	55.00
President McKinley, pink	6.00	55.00
Success, pink	5.00	45.00
Adonis, rich scarlet	7.00	65.00
Mrs. Theodore Roosevelt, pink	6.00	55.00

INTRODUCTIONS, 1902	100	1000
Cressbrook, light pink	$2.50	$20.00
Gov. Wolcott, white	3.40	30.00
Alba, white	3.40	30.00
J. H. Manley, scarlet	3 50	30.00
Apollo, brilliant scarlet	3.50	30.00
Gaiety, white striped scarlet	3.00	25.00
Stella, variegated white	3.00	25.00
Viola Allen, white	3.00	25.00

STANDARD VARIETIES	100	1000
Norway, white	$1.20	$11.00
Prosperity, white overlaid with pink	1.40	12.50
Estelle, scarlet	1.50	14.00
Mrs. Thos. Lawson, pink	1.40	12.50
Gov. Roosevelt crimson	1.20	11.00
G. H. Crane, scarlet	1.40	12.50
Flora Hill, white	1.20	11.00
Mermaid, salmon pink	1.20	11.00
Eldorado, white	1.20	11.00
Queen Louise, white	1.20	11.00
Chicot, white	1.20	11.00
Armazindy, variegated	1.20	11.00
Palmer, scarlet	1.50	14.00
America, scarlet	1.20	11.00

25 at 100 rate.

250 at 1000 rate.

CASH WITH ORDER.

The above prices are what the plants will cost you delivered. We pay express charges and guarantee satisfaction.

LOOMIS FLORAL CO. LOOMIS, CAL.

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MONTREAL.

The ideal weather permitted the florists and gardeners of Montreal to bring their best to the chrysanthemum show this season, and, with the exception of specimen plants of chrysanthemums, the exhibition was far the most creditable the club ever held. The decorations, under the supervision of J. Bennett, were beautiful, the competition the keenest for many years and the only feature lacking was the attendance of the well-to-do people of the city.

Among the outside exhibitors were Nathan Smith & Son, Adrian, Mich., who had a fine table of undisseminated chrysanthemums. In roses and carnations, the display of the Dale Estate at Brampton, called forth general admiration. J. H. Dunlop, J. Gammage & Son and Whittaker Bros. also exhibited with success.

The first premium awards were as follows:

F. C. Smith first on groups of chrysanthemum and foliage plants, on twenty-five ferns in 5-inch pots, on fern in hanging basket, on six palms, on specimen palm, on six orchids.

J. Eddy & Son first on mixed ferns.

W. Alcock first on asparagus, on three zonale geraniums.

W. J. Wilshire first on one fern, on three ferns, on tree ferns, on three palms, on specimen orchid, on three orchids, on three cyclamen, on twenty-four cut chrysanthemum blooms, on three crimson.

Wilshire Bros. first on funeral design.

C. A. Smith first on six primulas, on three flowering begonias.

J. Pidduck first on six solanums.

P. McKenna & Son first on callas, on pan of foliage plants, on basket of flowers.

E. McHugh first on Lorraine begonias, on twelve cut chrysanthemum blooms, on six blooms in variety, on three white, three yellow.

R. W. Whiting first on six zonale geraniums.

T. Gorman first on three pink blooms, on twelve white, on twelve yellow.

W. G. Pascoe first on six chrysanthemum plants, on three plants.

Hall & Robinson first on one specimen chrysanthemum plant, on six plants in 6-inch pots, on twelve plants in 6-inch pots, on Ivory roses, on vase of mums arranged for effect, on basket of mums, on wreath of mums.

H. Dale Estate first on Bride, Bridesmaid, Liberty, Perle, Meteor, Beauty and vase of fifty roses, on white, red, pink, dark pink, Mrs. Lawson, yellow, crimson, "any variety" and vase of 100 carnations.

Jos. Bennett first on mantel decoration.

In the classes for fruits and vegetables Geo. Trussel won fourteen premiums, W. Alcock six, C. A. Smith and P. McKenna & Son three each.

A. BEE.

CRESTLINE, O.—Chas. De Greve has purchased the N. Amos greenhouses.

ROCKFORD, ILL.—L. H. Crowell has sold his greenhouses to his son, L. H. Crowell, Jr., who will hereafter conduct the business.

TARRYTOWN, N. Y.—Carnation Mrs. M. A. Patten was given a certificate at the fall show, mention of which was overlooked in the report.

ERIE, PA.

Death of Mrs. Geo. R. Schluraff.

The death of Mrs. Schluraff, at 11 p. m. November 17, has taken from her family a wife and mother devoted and beloved, from the social circle a friend esteemed for sincerity and unfailing kindness, one who was an unfailing helper in every undertaking for the general good. Mrs. Schluraff was born at Westmillereek, Erie county, Pa., in 1855, was married in 1875 to Geo. R. Schluraff, a resident of Erie, and senior member of the Schluraff Floral Co. She was gifted with more than the average ability, being an able helpmate to her husband, who has always credited her with a substantial share in laying the foundations and aiding in the upbuilding of his large business, in which her artistic taste along the line of designing was an invaluable help. Two children, Miss Iva and Vern L. Schluraff, survive their mother, the latter of whom is one of the younger business men of Erie, also a member of the Schluraff Floral Co.

CARLISLE, PA.

The fourth annual chrysanthemum show was held in the Armory November 4 to 6 under the auspices of the Civic Club. The show was a success in all its features. The competition was keen in the classes for cut blooms and the judges had a difficult task to place the premiums. The principal exhibitors of cut blooms were George Guignet, gardener to F. C. Bosler; Jesse Robbins, the florist; W. S. George, gardener to J. W. Wetzel, and the Carlisle Nursery, H. E. Seitz, manager. In the plant classes W. S. George and Geo. Guignet captured most of the premiums. The judges were F. Heck, of Reading; Mr. Padgett, of Harrisburg, and Mr. Byer, of Chambersburg. W. S. G.

Louisville, Ky. Jacob Schulz has had a very successful opening at his store, 644 Fourth avenue. He finds trade good.

Tacoma, Wash.—Mrs. M. E. Hayden has removed her flower stand from the Stewart & Holmes drug store to a new store all her own.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.

JOHN SCOTT,
Keep St. Greenhouses, Brooklyn, N. Y.
Headquarters ....for **Bostons**
Fine "PIERSONI" in 2¼-inch pots.
The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars.
Mention Review when you write.

Pelargoniums
ROOTED CUTTINGS.
15 varieties, all named, $2.25 per 100, prepaid.
Cash with order. Write—
S. D. BRANT, - CLAY CENTER, KAN.
Mention the Review when you write.

Kennicott Bros. Co.
WHOLESALE FLORISTS,
40, 42 AND 44 RANDOLPH ST., **CHICAGO, ILL.**

Current Price List.

	Per doz.
BEAUTIES—30-36-in.	$3 00 to $4 00
" 20 24-in.	2 50
" 15-18-in.	1 50 to 2 00
Short Stemmed	75 to 1 00

	Per 100
BRIDES	$3 00 to $6 00
MAIDS	3 00 to 6 00
GATES	3 00 to 5 00
METEORS	4 00 to 7 00
PERLES	4 00 to 5 00
LIBERTY	4 00 to 10 00
ROSES, our selection, $3.00 per 100; $20.00 per 1000.	

	Per 100
CARNATIONS, com.	$1 50 to $2 00
" fancy	2 50 to 4 00
VIOLETS	1 50
VALLEY	3 00 to 4 00
Asparagus s'rings	35 00 to 50 00
Asparagus Sprengeri	2 00 to 4 00
SMILAX	12 50 to 15 00
MUMS, small, per doz.	60 to 1 00
" medium, "	1 25 to 1 75
" large "	2 00 to 2 50
CALLAS, "	1 50
Common Ferns, per 1000	1 50
GALAX, "	1 25

Mention the Review when you write.

BOSTON AND PIERSONI FERNS.
We are the largest growers in the West of these fine pot plants, and have an extra fine stock for the **Holiday trade.** Can give them to you in any size, 2½, 3 4, 5, 6, 7, 8 and 10-inch. Nothing that you handle makes as much money for you as this stock.
To close out — 10,000 2-inch **Sprengeri** at a very low price. Fine **Cinerarias, Primula** and **Obconica. Geraniums,** cuttings and 2½-inch stock in red, white, pink and salmon.
Cuttings of Mrs. Fisher Carnations for summer blooming now ready. Write— **GEO. A. KUHL, Pekin, Ill.**
Mention the Review when you write.

The Anna Foster Fern
VERY LOW PRICES. LARGE STOCK.
Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4 00, 6-in. $9.00, 7-in. $15.00, 8-in. $24 00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.
BOSTON FERNS.
Very full, large plants, cut from bench, $50.00 per 100.
Asparagus Plumosus Nanus.
3-in., $8.00 per 100. **SPRENGERI**—3-in. $5.00 per 100. Just right for pans.
Kentia Palms. Ficus.
L. H. FOSTER,
45 King Street, DORCHESTER, MASS.
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CARNATION CUTTINGS
We are now booking orders for Carnation Cuttings. All orders will be filled strictly in rotation as received. Send in your orders at once and get the early plants.
We have the following varieties from which we can supply cuttings and will sell at the market prices for good stock:

Enchantress	Fair Maid	The Queen
Boston Market	Gov. Wolcott	Eldorado
Bradt	Prosperity	Manley
E. Sheppard	Adonis	Joost
Lawson	Harlowarden	
Harry Fenn	Fragrance	

All our plants are vigorous and healthy and having the best facilities for rooting we are prepared to fill large or small orders.
Long Distance Telephone.
BACKER & CO., Billerica, Mass.
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CHINESE PRIMROSES!
In bud and bloom, 4-in. $6.00 per 100.
Primula Obconica—In bloom, 4-in., $6.00 per 100; 3-in., $3.00 per 100; 2¼-in., $2.00 per 100, 300 for $5.00. **Cinerarias**—2¼-in., $2 00 per 100, 300 for $5.00; 3-in., $3.00 per 100. **Asparagus Sprengeri**—4-in., $6.00 per 100.
C. WHITTON, City St., Utica, N. Y.
Mention Review when you write.

Cyclamen giganteum, large flowered, $5.00 per 100; 4-in., $10.00 per 100.
Primroses, Chinese and Obconica, extra nice stocky plants, 2¼-inch, $2 00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00; 4-inch, in bud and bloom, $6.00 per 100. **Asparagus Plumosus Nanus,** 4-inch, $10 00 per 100. **Sprengeri,** from flats, ready for potting, $1.00 per 100; $5.00 per 1000. 4-inch, $6.00 per 100; 2¼-inch, $1.50 per 100; $12.50 per 1000. **Ferns**—A. cuneatum (Maidenhair Fern), 5-inch, $2.00 per doz.
SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
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DREER'S GOLDEN PANDANUS

PANDANUS SANDERI

IF YOU have not yet secured a supply of this grand new Decorative Plant, not only the finest of all the Pandanuses, but the most important addition to our list of Foliage Plants in many years, you should do so at once. The plant is of strong rapid growth, making a finished plant in one-third less time than Veitchii: it is rich in color throughout the winter months, and being much hardier than Veitchii it can be recommended to your retail customer for house decoration.

We offer for immediate delivery:

Strong Plants, in	3-inch pots	each, $	0.75
" "	4-inch "	"	1.00
" "	6-inch "	"	2.00
Beautiful Specimens, in	7-inch "	"	3.50
" "	8-inch "	"	7 50
" "	10-inch "	"	10.00
" "	12-inch "	"	15.00
" "	15-inch tubs	"	25.00

HENRY A. DREER, 714 Chestnut Street, **Phila.**

Carnation Cuttings.

WELL ROOTED.

READY NOW.

	Per 100	Per 1000
Enchantress, light pink	$6.00	$50.00
Harlowarden, crimson	6 00	50.00
Her Majesty, white	5.00	45.00
Lillian Pond, white	5.00	45.00
Pres. McKinley, dark pink	5.00	45.00
Sybil, dark pink	5.00	40.00
Dorothy Whitney, yellow	6.00	50.00
Gov. Wolcott, white	5.00	40.00
Alba, white	5.00	40.00
Estelle, scarlet	3 00	25.00
Mrs. T. W. Lawson, dark pink	2.50	20.00
Mrs. Higinbotham, light pink	4 00	30.00
Prosperity	2 50	20.00
New Varieties for JANUARY Delivery:		
Crusader, best scarlet	$10.00	$80.00
Flamingo, fancy scarlet	12.00	100 00
White Lawson, pure white	12.00	100.00
Reliance, white	10.00	80 00
Moonlight, white	10.00	75.00
Lady Bountiful, white	12.00	100.00

Send for price list of above and other varieties.

Chicago Carnation Co., Joliet, Ill.

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PARTRIDGE

HAS

"NELSON FISHER"

AND

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. "**Nelson Fisher**" has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12 00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,

"Bloomhurst," Station R. CINCINNATI, O.

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchaotress	5 50	50.00
Mrs Higinbotham	2 50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

GEORGE REINBERG

51 Wabash Ave., CHICAGO.

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LARGE ARECA LUTESCENS PALMS.

Several plants to pot, 6½ to 7 ft. high, $12.50 per plant. Several plants to pot, 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6-inch pots, 2½ ft. high, $9.00 per doz. plants. 2 and 3 plants in 4-in. pots, 18 to 22 inches high, $4.00 per doz. plants.

LATANIA PALM PLANTS.

8-inch pots, 1 plant to pot, 8 to 10 leaves, $18.00 per doz. plants. 6-inch pots, 1 plant to pot, 7 to 9 leaves, $9.00 per doz. plants. 6-inch pots, 1 plant to pot, 5 to 7 leaves, $6 00 per doz. plants.

Kentias, Pandanus, Boston Ferns, etc.

Prices on application.

J. W. COLFLESH,

53rd St. and Woodland Ave. **Philadelphia, Pa.**

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New Carnation.....

LOUISE NAUMANN

DON'T MISS to send your orders in for February delivery. **$1.25** per doz; **$8.00** per hundred; **$70.00** per thousand.

G. M. NAUMANN,

Doan Street, **CLEVELAND, OHIO.**

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Remember that the

Enchantress

Is of the "Daybreak" shade, the color most in favor with the general public.

Rooted Cuttings Now Ready.

$6.00 per 100; $50.00 per 1000.

ALSO

Lillian Pond,

THE GRAND WHITE.

$5.00 per 100; $40.00 per 1000.

READY NOW.

The Queen,

$5.00 per 100; $40.00 per 1000.

LAWSON, $3.00 per 100; $25.00 per 1000.

PROSPERITY, $3.00 per 100; $25.00 per 1000.

STRICTLY CASH WITH ORDER.

Larchmont Nurseries,

LARCHMONT, N. Y.

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TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

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WORLD'S FAIR NOTES.

A car load of bulbs, shrubs, plants and seeds arrived from England at the World's Fair grounds at St. Louis on Tuesday, Nov. 17. These are to be used for ornamenting the grounds around the British pavilion, which is now in the hands of T. W. Brown, the English landscape gardener, assisted by R. J. Mohr, of St. Louis, who has twenty men working on the grounds. The consignment is from the following firms: The Royal Seed Establishment, of Reading; Kelway & Son, Langport; Carter & Co., London, and H. Cannell & Sons, of Kent. The present shipment consists of a large number of crocus, hyacinth, tulip and iris bulbs. Each of the above firms has been allotted space in the gardens surrounding the British building.

W. E. Barnes has been appointed superintendent of forestry at the World's Fair.

John Hertherington, formerly with Michel Plant and Bulb Company has been engaged to take care of the Philippine grounds. Mr. Hertherington will make a good man for them, as he is thoroughly posted.

J. H. Hadkinson, of the landscape department at the World's Fair, has a big force of men under him and proposes to work all the winter through. Everything under Mr. Hadkinson's charge is in first-class shape. At the March meeting of the club Mr. Hadkinson will read an essay on "Landscape Gardening at the World's Fair."

Frederick W. Taylor, chief of horticulture, has returned to the city after being absent for ten days, and gave all his attention to the apple growers' congress. J. J. B.

CATALOGUES RECEIVED.

Dammann & Co., San Giovanni, Italy, seeds and plants; Peter Lambert, Trier, Germany, roses; C. C. Pollworth Co., Milwaukee, Wis., Christmas greens; Rogers Bros., Chanmont, N. Y., bean and pea novelties; Chas. Winsel, Los Angeles, Cal., seeds; Reasoner Bros., Oneco, Fla., trees and plants.

Lafayette, Ind.—The F. Dorner & Sons establishment was never in better shape than at present. During the past summer much of the range was rebuilt and the stock is in fine condition.

Detroit, Mich.—A flower department has been opened in the grocery store of Peter Smith & Sons, with Albert Stoll, Jr., and Mrs. O. A. Stoll in charge. The stock will come from O. A. Stoll's greenhouses at Oxford, Mich.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call. 655 John.

Harris H. Hayden (late manager of the Nepera Chemical Company), - - President
Edward McK. Whiting, Vice-Pres. and Counsel
John E. Walker (Member of the New York Bar), - - - Secretary and Treasurer

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SEND FOR CATALOGUE.

Schmid's Bird Store,

712 12th St., N. W., WASHINGTON, D. C.

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As a CHRISTMAS ....PRESENT

To an appreciated employee or a friend in the trade, nothing will prove more acceptable and give more satisfaction than a copy of

The Florists' Manual,

By WM. SCOTT.

It is a complete reference book for commercial florists and is exceedingly useful as well as handsomely bound.

PRICE $5.00, carriage prepaid.

FLORISTS' PUBLISHING COMPANY, CAXTON BUILDING, CHICAGO.

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100,000 SMALL FERNS. Best commercial varieties, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

NEPHROLEPIS PIERSONI, strong plants 2½-inch pots, $8.00 per doz.; $22.00 per 100
NEPHROLEPIS ANNA FOSTER, strong plants, 2½-inch pots, 75c per doz.; $6.00 per 100

PRIMROSES. OBCONICA GRANDIFLORA, ALBA, ROSEA, FIMBRIATA, $3.00 per 100; $25.00 per 1000 Cash.

OECHSLIN BROS., 1688 W. Madison St., Chicago.

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Clematis, Hardy Shrubs ROSES, Etc.

Buy now and get first choice of stock. Prices will be higher and stock not so select in the spring. If not planted now these hardy plants keep well trenched in the open ground, and will be ready in spring when wanted.

Clematis--Finest large-flowered sorts, purple, white, lavender, red, etc. 2-year 18c, 1-year 9c.
Clematis Paniculata--Extra fine, 15c, 2-year 6c, second size 4c.
Ampelopsis Veitchii--2-year, fine, 10c, second size 5c.
American Ivy--2-year, fine, 8c.
Iris Japanese--8c.
Roses--Assorted H. P. varieties--Coquette des Alps, Jules Margottin, Gen'l Jacqueminot, etc. Also Crimson and Yellow Rambler, Queen of Prairie, and the newer trailing roses. 2-year, first size 12c, second size 7c.
Clothilde Soupert--Finest pot rose grown. 2-year 10c, second size 7c.
Crimson Rambler--XXX selected long canes for forcing, 20c.
Hydrangea Pan. Grand.--Finest hardy shrub; bushy plants, 10c; fine tree-shaped specimens, very handsome, 25c.
Golden Glow--Most popular perennial, 5c.
Hardy Phlox--Choicest varieties 10c.
Peonies--In fine assortment 12c. Deutzias, including Lemoinei and Gracilis, Altheas, Weigelias, Honeysuckles, Spireas, Japan Quince, etc. Best sorts and sizes 10c. Also California Privet, Fruit and Ornamental Trees, etc. Careful attention to large or small orders, with expert packing, which is free, and light as consistent with safety. Cash, please.

W. H. SALTER, Rochester, N. Y.

500,000 Verbenas

60 FINEST VARIETIES.

Perfectly Healthy. Free from Rust.

Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants ..... $2.50 per 100; $20.00 per 1000.

Our list is the choice of millions of seedlings.

SEND FOR CIRCULAR.

J. L. DILLON, Bloomsburg, Pa.

STOCK CHRYSANTHEMUMS. White—Kalb, Queen, Ivory, Bergmann, Robinson, Willowbrook; Pink—Pacific, J. K. Shaw, Maud Dean; Yellow—Whilldin, Wedding at $5.00 per 100. Mrs. Chamberlain, Eaton, White Bonnaffon, $7 per 100. Other fine var. later. Strong 3 in. Bride Roses, $4 a 100. W. H. GULLETT & SONS, LINCOLN, ILL

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LOOK! SEE WHAT I BOUGHT AND BROUGHT HOME with me from EUROPE.

Only a little money needed to take advantage of my purchase. AZALEA INDICA. We have the best American leading varieties, about 12 sorts, that money could buy at lower prices than any firm in America—35c, 40c, 50c, 75c. Specimens $1.00 each, by the doz. or 100.

Spring Importation of Araucarias.

Araucaria Excelsa our specialty—5-inch pots, 10 to 12 inches high, 3 tiers, 50c each. 5½ to 6-in. pots, 15 to 17 inches high, very broad, 75c each. 6-in. pots, 4 to 5 tiers, 17 to 20 inches high, 80c, 90c to $1.00 each. Specimens very bushy, broad, 8-inch pots, 25 to 33 inches high, 5 to 6 tiers, $2.00 to $2.50 each.

Have a lot of slightly damaged Araucarias, 10 to 12-inch, 30c each.

Ficus Elastica, Rubber Plants (have 2000), fine, strong plants, 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 per doz. 5-in. pots, strong, 25c each; $3.00 per doz

Kentia Forsteriana, 6-in. pots 30 to 38 inches high, 75c to $1.00 each. Belmoreana, 5½-in. pots, 25 to 28 inches high, 75c. Fine bushy plants, 5 leaves, 20 to 25 inches high, 50c. to 60c. each. Kentia Forsteriana and Belmoreana, 4-inch pots, 15 to 18 inches high, 10c. each.

Areca Lutescens, 4-in. pots, 15 to 18 inches high, 10c. each.

Boston Ferns, 6-inch pots, very strong, 25 to 30 fronds to a plant, from 30 to 35 inches high, 75c. each. 7-inch pots, $1.00 each.

Ferns (for fern dishes), finest varieties, 2½-inch pots, $5.00 per 100.

Primula Chinensis, for Xmas blooming, all colors. 5-in. pots, $1.80 per doz.; 6-inch, $2.00 per doz.

Cineraria Hybrida (Michell's finest strain), 2½-inch pots, $3.00 per 100. 4 inches, very strong, $7.00 per 100.

Dracaena Lineata, new, strong plants, 50c each.

Dracaena Brnantt, just right plants for stores, ballrooms parlor, butcher shops, saloons, etc., 25 inches up, 6-inch pots, 40c each; per doz., $4.50

Solanum or Jerusalem Cherries, 5 to 5½-in. pots, strong, full of berries, $1.50 per doz.

Vinca Variegata and English Ivy, field-grown, large plants for 4-in. pots, only $5.00 per 100.

Begonias, six leading varieties, including Pres. Carnot, 4-inch pots, $3.00 per 100, 3-inch, $5.00 per 100.

Daisies white and yellow, for Easter, 2½-inch pots, $3.00 per 100.

Heliotropes, 2½-inch, for benches or pots, $3.00 per 100

Hydrangea Otaksa, pot-grown only. This is the only kind that forces for Easter, 6-inch pots, strong, bushy, ready, for 7-inch, 25c, or $20.00 per 100; 5-inch, $15.00 per 100.

Chrysanthemum Stock, Col. Appleton, 50c per doz.; Bonnaffon, Queen, Halliday, $3.00 per 100

Cash with order please. Plants are shipped at purchaser's risk. Please state if pots are wanted.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3659 A.

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DO YOU WANT THE BEST as well as the newest things in

Mum Novelties?

IF SO, YOU MUST BUY THE FOLLOWING VARIETIES:

W. Duckham, winner of the C. S. A. SILVER CUP at New York.
The grandest Pink ever sent out, easiest possible grower.

Leila Filkins, a greatly improved Morel.

Maynell, Henry Barnes, S. T. Wright,
Three beautiful sun-proof Crimsons.

Mildred Ware, Ben Wells, Mary Inglis, Cheltoni,
General Hutton, F. A. Cobbold and Harrison Dick,

All shown in winning 25 at New York and striking improvements on existing sorts.

YOUNG PLANTS 2¼-inch pots of
W. Duckham and Cheltoni, 75c each; $7.50 per dozen; $60.00 per 100.
Mildred Ware, Mrs. F. W. Vallis and S. T. Wright, $1.00 each.
All the others, 50c each; $5.00 per dozen; $35.00 per 100.

WRITE ME FOR COMPLETE LIST.

CHAS. H. TOTTY, Madison, N. J.

Mum Stock Plants.

Strong Plants—carefully packed. Omega, finest early yellow and Geo. S. Kalb, the choicest early white, at $5.00 per 100; 75c per doz. The following standard sorts at $1.00 per 100; 60c per doz.:—Bonnaffon, White Bonnaffon, Robinson, Modesto, Chilids, Glory of Pacific, Polly Rose, Ivory pink and white; Montmort, Wanamaker, Appleton and H. A. Parr. About 1000 2-in. Sprengeri left, ready for 3-in. pots, at $2.00 per 100. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

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CHRYSANTHEMUM

STOCK PLANTS.

Halliday, Comtes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, **10c.** Alice Byron, Mrs. F. J. Tranter, splendid new whites; F. J. Taggart, new hairy yellow; Goldmine, **15c.** **50** to **75** varieties, in small quantities. Prices on application. No order filled for less than **$2.00.**

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708 North 16th Street,

Philadelphia, Pa.

CORRESPONDENCE SOLICITED.

WE MUST HAVE ROOM.

Double Alyssum 3-in., $2.50 per 100. **Hydrangeas,** field-grown, 8 to 12 flowering shoots, $15.00 per 100. **Jernsalem Cherries,** dwarf, bushy, well berried, 6-in. pots, $2.25 per doz. **500 Wm. Scott Carnation Plants,** from field, make me an offer for the lot; or $3.50 per 100. **Boston Ferns,** very bushy, 5 in. pots, $2.50 per doz.; 6-in., $4.00 per doz. **English Ivy,** field-grown, $4.00 per 100. **Violets,** field-grown, large plants, California $1.00; Campbell $3.00 per 100. Cash please.

Converse Greenhouses, Webster, Mass.

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104 S. 13th Street, **Philadelphia**

Write for Quotations on all Choice Plants.

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NEW CHRYSANTHEMUM

STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell, Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Minnie Bailey, Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Modesto, Uwanta.

The above 25c each. $2.50 per dozen

Oresco, Rentley, Jolantha, Bruant, Lady Harriet, Robert Halliday, 15c each, $1.50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

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Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5 00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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Primroses...

Chinese and Obconica, alba and rosea, 2¼-inch pots.....$1.50 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "
Pansy Plants, $3.00 per 1000..... .50 "

Cash.

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FOR CHRISTMAS

You will find our Xmas Bells great sellers. Last season there were not near enough to go around. Better hang a big 8-inch Bell in your window and a small 3½-inch one near your desk where customers will see it when ordering flowers. There are three intermediate sizes you will find useful for stock; all are well made. Our Red Stars are very effective in decorations where much green is used. You will find our Scarlet Immortelles a valuable aid in giving variety to your work. They can be made into designs, dotted over our natural wreaths or used in a dozen other ways.

H. BAYERSDORFER & CO.

The Largest Florists' Supply House of America. 50, 52, 54 and 56 North Fourth St., Philadelphia.

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DENVER, COLO.

After three days of zero weather we again have moderate temperature, much to the satisfaction of the smaller growers, who are short of coal at the present time, owing to the coal strike that is on throughout the state of Colorado.

There has been an abundance of cut flowers up to the present time, and if it had not been for funeral work some of our fall months would have been as bad as summer months.

Chrysanthemums this fall have not been up to the standard and consequently the demand for them has been light. Enchantress grown by Benson and Daniels & Fisher have been superb and consequently brought good prices.

E. W. Davies, president of the Denver Floral Society, buried his eldest son, George, on November 15. The funeral was well attended by the craft and numerous emblems were sent, noticeably a large gates ajar by the Denver Floral Club.

The Park Floral Co. is about to open a branch store at Broadway and Seventeenth avenue, where they have a large store and greenhouses for plants and the first of the year they will move from their down-town store entirely. The new location should be a good one.

Scott & Reynolds have leased a store on Sixteenth street and will start a first-class flower store there January 1.

The Denver Floral Club has resumed its meetings after a summer vacation and great things are expected in the future. THORNE.

POTTSVILLE, PA.—H. P. Dinsen is doing a nice business at his retail store at 219 North Center street.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

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Open

Folding Christmas Bells.

Exclusive agents for Chicago for Reed & Keller, New York.

THE MOST POPULAR NOVELTY OF THE SEASON.

6-inch, $3 00 per doz.
9-inch, 6.00 per doz.
12-inch, 9.00 per doz.

Closed

SINNER BROS., Wholesale Florists, 58-60 Wabash Ave., **Chicago.**

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Fancy Carnations

Blooms and Cuttings.

Select blooms, $3.00 per 100; good stock, $2.00 per 100. The following "Bread and Butter" varieties, guaranteed true to name, well rooted and free from disease, ready for delivery Dec. 15, 1903. "Be Wise" and order early: Enchantress, $6 00 per 100. Innocence (white), Dorothy, Enquirer (pinks), Gov. Wolcott, $3.00 per 100. Lawson, Prosperity, $2.00 per 100; $18.00 per 1000. White Cloud, Glacier, Crane, $1.50 per 100; $12.50 per 1000. F. Hill, Joost, Marquis, $1.25 per 100; $10.00 per 1000.

Geraniums—The following superb bedders: Jean Viaud, Alp. Ricard, Mme. Buchner, S. A. Nutt, E. G. Hill, B. Poitevine, strong rooted cuttings, $1.50 per 100; $14 00 per 1000.

Petunias—Double fringed, ten novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salvias—St. Louis, Bonfire, $1.00 per 100.

Smilax—2¼-inch, special price, 60c per 100; $5.00 per 1000. Cash.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention Review when you write.

Rooted Carnation Cuttings.

McGowan ..... $1.25 per 100; $10.00 per 1000
Asparagus Sprengeri, 2½-inch, $2.00 per 100
White Lilac, 7 ft., $30.00 to $35.00 per 100. Cash

ROCKVILLE GREENHOUSES,
ROCKVILLE CENTRE, L. I., N. Y.

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Extra Special Offer:

R. C. Gov. Wolcott, finest white carnation grown, $35.00 per 1000. R. C. Enchantress, finest light pink carnation grown....$50.00 per 1000. Lawson, $20.00 per 1000.

30 000 strong, healthy plants of the above to propagate from.

Mum Special:

Stock plants of Liger, Richardson, Yellow Eaton, Chautauqua Gold, while they last, $1.50 per doz.; $10 00 per 100. Chadwick, Yellow Chadwick, Eaton and other standard sorts, 75c per doz.; $6.00 per 100. Order now. Stock shipped as soon as varieties are cut out.

POEHLMANN BROS. CO., Morton Grove, Ill.

Headquarters for finest cut American Beauties.

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The Model Extension Carnation Support

If Not, Why Not? Over Three Million in use

Our Catalogue can be had for the asking. It tells why you should use them.

The Parker-Bruen Man'f'g Co. Inc., 206-8 Jersey St., HARRISON, N. J.

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Best that the market affords.

Place your orders with us and you will not be disappointed.

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Headquarters for

Wild Smilax

"Superior Quality" Brand.

25 pound case.....$3 50
35 pound case..... 4 50
50 pound case..... 5 50

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Evergreen Wreathing

Bouquet Green Best Indian Picked.

Selected Holly

Write for latest quotations. We meet the market.

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Our Catalogue and Weekly Cut Flower Price List is free to the trade. Ask for it.

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MODERN SUPPLY HOUSE,

Successor to McKellar & Winterson,

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Wholesale Dealer in

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Special attention paid to furnishing in carload lots.

Write for price list and terms.

Also, Wholesale Dealer in Baled Spruce for Cemetery and Park use. Bouquet Green, Sphagnum Moss, etc.

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Southern WILD SMILAX.

Terms—Cash with orders from unknown correspondents.

And we will do it again! What?

WHY--FILL ALL OF YOUR ORDERS

AT ALL TIMES

SO WILL OUR AGENTS:

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A full supply always on hand at these points and prices same as oors -- plus cost of carriage.

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EVERGREEN, ALABAMA.

Wild Smilax

ALWAYS On Hand.

Also PLUMOSUS, SPRENGERI, ADIANTUMS, GALAX AND LEUCOTHOES.

RED BERRIES ALWAYS ON HAND.

We are Growers of HIGH-GRADE **CUT FLOWERS.** All orders promptly filled. Consignments solicited.

FRANK GARLAND, 55-57 Wabash Ave., Chicago.

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A FINE LOT OF

FERNS,

Assorted Varieties, in 2½ and 3-inch pots, **$2.00** per 100.

Wagner Park Conservatories

SIDNEY, OHIO.

Mention the Review when you write.

W. Z. PURNELL, SNOW HILL, MD.

Dealer in Holly in barrels, fine quality, $1.50; Holly in cases 2x2x4 ft., small branches, selected, $2.75; cases 2x2x4 ft., good holly, $2.75; cases 2x2x4 ft., selected, $3; cases 2x2x8 ft., long branches, selected, $5.50 a case; 6 cases, $25. Green Holly, without berries, dark green foliage, 2x2x4 ft. case, $2. Green Sheet Moss, large thin pieces, bbl., $1.50; 5 bbls., $6.25. Green Sphagnum Moss for orchid culture, etc., $1.25 per bbl. Green Laurel branches, 2x2x4 ft. case, selected, $2.00 per case. Cedar branches with berries, 2x2x4 ft. case, $3.00 per case.

Cash from unknown parties.

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CLEVELAND.

The Market.

Business for the past week has shown a slight inclination upward, while the cut of everything has shortened up considerably, and the coming week will see the greater part of the 'mums cut and sold. Prices held as last quoted on fresh stuff, but job lots could be bought at very low prices last week.

Notes.

A recent visit to the greenhouses of the J. M. Gasser Co., at Rocky River, found everything in good shape for cold weather, especially in the new boiler room, where two eighty horse-power boilers are taking care of the new section at present, and a new 100 horse-power boiler is held in reserve for later use. The new houses built this season bring the place up to 300,000 feet, and it covers about five acres of land, many of the houses being 28x300. Roses and carnations are the principal plants grown and the stock is looking good. A large house of violets is in with a large cut of flowers at present, and a house of sweet peas showed many fine blooms. Everything is arranged with the view to save time and labor, and Mr. Gasser is to be congratulated on appearance of his place.

E.

BLOOMFIELD, CONN.—The Windsor Tobacco Growers' Association is growing its young tobacco plants in a greenhouse 12x225, with large ridge and side ventilators, and finds it a much better way than the old, outdoor seed bed method.

THE Chicago Flexible Shaft Co., 100 La Salle avenue, Chicago, issues a neat little booklet called "From Misery to Pleasure," which while not prepared expressly for distribution among florists might be profitably perused by everyone who is still using that antiquated device, the stove, in the closed wagon, to keep stock from freezing while being delivered on a winter's day. The Chicago Flexible Shaft Co., of which T. J. Clark is secretary and treasurer, manufactures the Clark Wagon Heater, also Clark coal for use in same.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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RHODODENDRONS

Large stock of forcing varieties just received; plants are well budded. All the good ones, such as Mrs John Waterer, Kate Waterer Prince Camille de Rohan, Catawbiensis Grandiflora and several other good kinds. Write us for list of varieties and prices.

Ozone Park Nurseries, Ozone Park, L. I., N.Y.

Mention the Review when you write.

Asparagus Sprengeri,

2-inch..... $1.20 per 100.

Smilax, 2-inch	$ .75	per 100
Dracaena Indivisa, 2-inch	2.50	"
Cryptomeria Japonica, 2-inch	5.00	"

E. I. RAWLINGS, Quakertown, Pa.

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ARECA LUTESCENS -- FINE STOCK.

3-inch pots, 8 to 10 inches high	$1.50	per doz.;	$12.00 per 100
4-inch pots, 12 to 14 inches high, 3 plants to pot	3.00	"	25 00 "
5-inch pots, 18 to 20 inches high, 3 plants to pot	5.00	"	40.00 "
6-inch pots, 24 to 26 inches high, 3 plants to pot	.75	each;	9.00 per doz.
7-inch pots, 24 to 26 inches high, 3 plants to pot	1.25	"	15.00 "

BOSTON FERNS.

4-inch	$2 00	per doz.	$16.00	per 100	
5-inch	3.00	"	25.00	"	
6-inch	$6.00	per doz.	$50.00	per 100	
Larger sizes up to			5.00	each.	

Send for complete illustrated price list, mailed free.

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CHRISTMAS SALES

You will find the following stock a good investment, being in first-class condition and a superior grade for the price:

NEPHROLEPIS

Piersoni	2¼-in. pots,	per 100,	$20.00
"	5 -in. "	each,	1.00
"	6 -in. "	"	1.50
Bostoniensis	5 -in. "	"	.25
"	6 -in. "	"	.35
Cordata Compacta	5 -in. "	"	.25
"	6 -in. "	"	.35
Alyasum		per 100,	2.50
Chinese Primrosea (Pink),	3-in.,	"	5.00
Begonia Incarnata	4-in.,	"	6.00
Asparagus Plumosus	2½-in.,	"	5.00
" "	3-in.,	"	8.00
" "	3½-in.,	"	10.00
" **Sprengeri** (Field Grown),		"	5.00
Smilax		"	3.00

NATHAN SMITH & SON
ADRIAN, MICH.

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STOCK PLANTS.

Ready for immediate shipment—Omega, Lady Harriet, Halliday, R. H. Pearson, Vivi-and-Morel, Robinson, Col. Appleton, Timothy Eaton, Fee du Champsaur, at $8.00 per 100.

White and Yellow J. Jones, Golden Wedding, Princess Bassaraba, Malcolm Lamond, Weeks, Mrs. Perrin, Park and Bonnaffon, at 8c.

Chadwick at 10c.

Yellow Eaton, Marie Liger, Louis Leroux, Mlle. M. Douillet, Columbia, Berlioz and Baden Powell at $10.00 per 100.

Ivory and Parr, at $5.00 per 100.

ROSE PLANTS.

200 4-inch American Beauties	$10.00 per 100
300 4-inch Meteors	7.00 per 100
200 2½-inch Balduins	4.00 per 100

Boston Ferns—7-inch, $1.00 each; 8-inch, $1.25 each; 9-inch, $1.50 each. CASH OR C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

Dracaena Indivisa.

3-inch, extra strong, $6 00 per 100.
Good stock $4.00 per 100.
Shifted into 4-inch will make nice stock.

BINLEY -- THE FLORIST,
GLENS FALLS, N. Y.

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Geraniums.

Rooted Cuttings. Enough to supply half the United States.

Buchner, best double white, $1 50 per 100; $10.00 per 1000. **Jean Viaud**, best double pink, $1.50 per 100. $10.00 per 1000. **In assortment**, my selection, all labeled, $1.50 per 100; $12.50 per 1000. These prices good only until Dec. 12th.

ALBERT M. HERR, Lancaster, Pa.

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Geraniums, Etc.

From 2¼-inch pots. GOOD STOCK. Not less than FIVE of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana	40c	2 50
Ageratum, Stella Gurney and white,	40c	2.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Coleus, 10 varieties	40c	2.00
Chrysanthemums, Hardy Pompons, over 60 varieties. Orders booked now for spring delivery. Send for list.		
GERANIUMS, such varieties as Centaur, Gillean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Grauville, Mrs. E. G. Hill, Mme. Bruant Queen of the West, Single Gen. Grant, etc	40c	2.00
Grasses, Erianthus Ravennae, Eulalia Striata, Gracillima Univittata and Japonica Zebrina		5 00
Hardy English Ivy		2.00
Hardy English Ivy rooted cuttings.		.75
Holt's Mammoth Sage	40c	2.00
Lemon Verbena		2.50
Lantanas, 10 varieties	40c	2.00
Parlor Ivy	40c	2.00
Pilogyne Suavis	50c	2.50
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria**, 2¼-inch pots	60c	2 50

Notice our Vegetable Plant advertisement in this issue. Cash with order please.
Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON,
WHITE MARSH, MD.

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Sprengeri Plants.

Well grown, ready for

3 -inch pots	$3.50	per 100	$30 00 per 1000
4½-inch pots	5.00	"	45 00 "
6 -inch pots	10.00	"	85.00 "

Rooted Carnation Cuttings.

Lillian Pond	$5.00	per 100	$40.00 per 1000
Enchantress	6 00	"	50.00 "

Delivery December 1st.

Lawson	$3 00	per 100	$25.00 per 1000
Prosperity	3.00	"	25.00 "

SAMUEL S. PENNOCK,
1612 Ludlow St., Philadelphia.

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BOSTON FERNS.

2½-in., $4 00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60 00; 8-in., $75.00 per 100.

PIERSONI FERNS, young plants from bench, $15.00 per 100; 2½-in., $20.00 per 100; 4-in., 50c each; 5-inch, 75c each. Also bench-grown **Bostons**, in all sizes. All stock extra fine.

Cash with order.

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McCray Florist REFRIGERATORS

KNOWN EVERYWHERE FOR SUPERIORITY.

SPECIAL STYLE No. 616.
9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER
Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4 x20	$2.00	per 100;	$19.00 per 1000
" No. 1	3x4½x16	1.90	"	17.50 "
" No. 2	3x6x18	2.00	"	19.00 "
" No. 3	4x8x18	2.50	"	23.00 "
" No 4	3x5x24	2.75	"	26.00 "
" No. 5	4x8x22	3.00	"	28.50 "
" No. 6	4x8x28	3.75	"	36.00 "
" No. 7	6x16x20	5.50	"	54.00 "
" No. 8	3x7x21	3.00	"	28.50 "
" No. 9	5x10x35	6.50	"	62.00 "
" No. 10	7x20x20	7.50	"	67.00 "
" No. 11	3½x5x30	3.00	"	28.50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.
Box 104.

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Sheep Manure

DRIED, UNPULVERIZED AND PULVERIZED. Write for prices.

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Commercial Violet Culture.

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LIGHTNING
FLOWER POT WASHER

Washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description.

Sold direct $15.00 net, f. o. b. Joliet. **C. E. FINLEY, JOLIET, ILLINOIS.**

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...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

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226 N 9th St, Brooklyn, N. Y.

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SWISHER BROS., Newark, Ohio.

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KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

I. N. Kramer & Son
CEDAR RAPIDS, IA.

For sale by the E. F. WINTERSON CO., CHICAGO; C. C. POLLWORTH CO., MILWAUKEE, WIS.; VAUGHAN'S SEED STORE, NEW YORK and CHICAGO.

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J. L. ELLIOTT,

Pure Pulverized Sheep Manure and Unleached Hard Wood Ashes
for sale by the **BAG, TON OR CARLOAD.**
Send for sample and price list.

Office: 120 E 3rd St., Factory: 8 Mechanic St.. **So. Bethlehem, Pa.**

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GROWERS ALL OVER THE COUNTRY WRITE SIMILAR LETTERS

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I have used your FUMIGATING POWDER for some years and I have always found it first-class; there is no danger of it killing anything except the green fly, which it does with dispatch. I never use anything else for insecticide, nor do I wish anything better. Yours truly,
C. Barson.

Bath, Me.
We use your Fumigating Powder and we are never troubled with aphis; it does not harm the blooms in the least, and we find it the cheapest way to fumigate—and we have tried everything that is on the market.
Yours truly,
John H. Ramsey & Co.

Northampton Insane Hospital, Mass.
After using your Fumigating Powder I must say that in fifteen years' experience with various methods of killing aphis, I find this the most effectual and economical method I have yet tried.
Yours respectfully,
George W. Thornily.

Bayside, N. Y.
I have been using your Fumigating Powder for the last three years and find it very effective. It is cheaper than the extracts and does not shrivel the carnation as stems do. Smoking two nights in succession will kill the green fly.
Yours truly,
Wm. Bell.

We will mail at your request our booklet telling about the FUMIGATING KIND TOBACCO POWDER. We guarantee satisfaction or money back. Free trial bags for the asking. THE H. A. STOOTHOFF CO., Tobacco Powder Hobbyists, 118 West St., New York.

ST. PAUL.

If the flower show gave trade any boost it has not yet been apparent. Business was fair the past week but there was nothing rushing about it. Stock is fairly plentiful and prices have been increased a little in anticipation of Thanksgiving business. Red roses and violets are among the short articles. Carnations are more plentiful this season than ever before. In that line the growers are catching up with the trade. Violets seem to be off crop, owing to the fine Indian summer or to some condition beyond the grower's control. Mums are still plentiful, but this week will see the most of them gone.

Through carelessness on the part of a drayman Holm & Olson lost a large number of beautiful palms by freezing. They were being taken home from the show.

X. Y. Z.

NEW BEDFORD, MASS.

We are having a little winter weather, just about cold enough to keep the florists looking out for their fires. Business is not as good as it ought to be at this season, but everyone is in hopes of doing a good Thanksgiving trade.

The regular meeting of the Florists' Club was held November 12, at W. L. G. Brown's greenhouses and we had a very nice time. Mr. Brown is a bachelor, but you would never know it by the nice lunch he put up for us. We had a very interesting talk on chrysanthemums. The next meeting will be held at S. S. Peckham's greenhouse, Fairhaven. C.

Kansas City, Mo.—Present indications point to another big flower show here next year.

Hartford, Mich.—W. H. Bashfield has his greenhouse nearly completed, but, not having a heating apparatus, will not open until spring.

100 Per Cent. Profit
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SULPHO-TOBACCO SOAP
(PATENTED.)
KILLS ALL INSECT LIFE.
Fertilizes and Invigorates Flowers, Plants, Shrubs, etc. Prices low.
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DEATH TO THRIPS
Green and Black Fly and all Greenhouse Pests
Specially prepared paper thoroughly saturated with PURE NICOTINE. Can be EASILY used. POSITIVELY EFFECTIVE. Free from ammonia. Will not injure ANY greenhouse plants.
1 Box (12 Rolls).....$0.60 1 Case (12 Boxes).....$6.50
Send for booklet on To-Bak-Ine Powder and on To-Bak-Ine Liquid; also "Words of Wisdom" by prominent growers.
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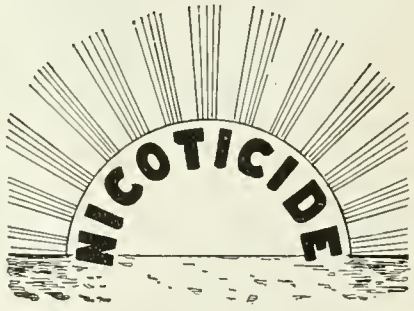

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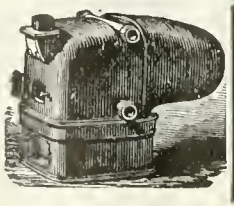
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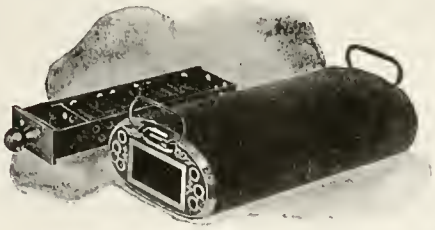

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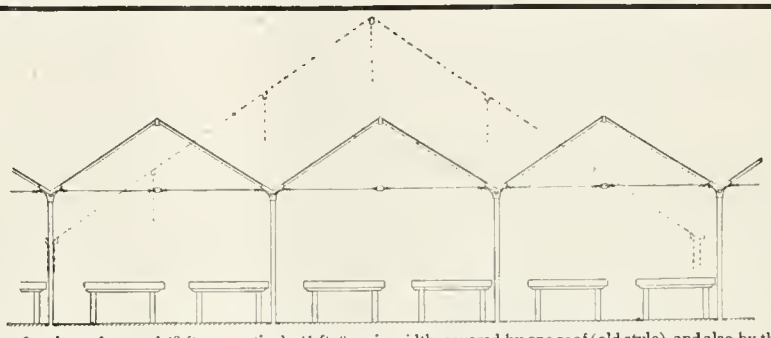

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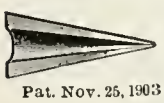

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G. L. GRANT, Editor and Manager.

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THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
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New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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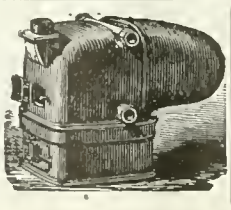

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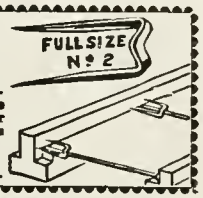

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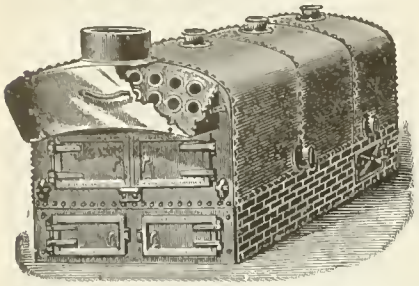

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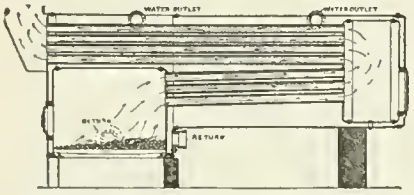

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Designers, Manufacturers and Builders of

HORTICULTURAL STRUCTURES,

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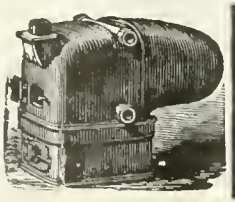

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, DECEMBER 3, 1903. No. 314.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

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Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

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BUY DIRECT FROM THE MANUFACTURER. Sample of No. 1 bell prepaid by mail 60c. Convince yourself that you are getting the best shape and most artistic bell.

No. 1	5½ inches	$6 00 per doz.
No. 2	6½ "	9 00 "
No. 3	8 "	12 00 "

Compare the size with those of other dealers. Write for **SPECIAL DISCOUNT ON LARGE ORDER.**

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SEE PRICE LIST ON PAGE 59 OF THIS PAPER

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Well Rooted - CARNATION CUTTINGS - Ready Now.

Enchantress, light pink	$6 00	per 100;	$50 00	per 1000
Harlowarden, crimson	6 00	"	50 00	"
Her Majesty, white	5 00	"	45 00	"
Lillian Pond, white	5 00	"	45 00	"
Pres. McKinley, dark pink	5 00	"	45 00	"
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Gov. Wolcott, white	5 00	"	40 00	"
Estelle, scarlet	$3 00	per 100;	$25 00	per 1000
Mrs T. W. Lawson, dark pink	2 50	"	20 00	"
Mrs. Higinbotham, light pink	4 00	"	30 00	"
Prosperity	2 50	"	20 00	"
NEW VARIETIES for January Delivery:				
Crusader, best scarlet	$10 00	per 100;	$80 00	per 1000
Reliance, white	10 00	"	80 00	"
Moonlight, white	10 00	"	75 00	"

SEND FOR PRICE LIST OF ABOVE AND OTHER VARIETIES.

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Begonia Lorraine,

2¼-inch pots, $15.00 per 100; $140.00 per 1000.

ORCHIDS, JUST RECEIVED: ONCIDIUM VARICOSUM, ONCIDIUM BARBATUM.

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Kentias, Latanias, Livistonas, Arecas, Phoenix, Rhapis, Dracaenas, Crotons, Boston Ferns, etc.

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If you have not bought, please get our prices; they speak for themselves.

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Over your stock of Immortelles, Cape Flowers, Wreaths, Baskets, etc., and see if you have enough for Christmas.

Look, too, at your Ribbons and if you lack anything let us know and we will be glad to rush it off to you at once.

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AZALEA INDICA,
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Gladiolus Colvillei Alba (white), for forcing.....doz., 10c; 100, 60c; 1000, $5 00
Gladiolus Colvillei Rubra (rosey red), for forcing.....doz., 15c; 100, 75c; 1000, 6.00
Spiraea Japonica...Doz., 50c; 100, $3.00. Spiraea Multifl. Compacta, doz., 60c; 100, 3.50
Spiraea Astilboides Floribunda.....doz., 75c; 100, 4.50
Chinese Narcissus.....basket, $1.50; mst, 4 baskets, 4.50

	12	100
Begonias, tuberous rooted, **single**, white, rose, scarlet and red, yellow and orange, **BEST GIANT**.....	30c	$2.25
Double in separate colors.....	65c	5.00
Gloxinia crassifolia erecta, white, blue, red, purple, mottled.....	60c	4.00
Gloxinia, mixed.....	50c	3.00

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	12	100	1000
Kentia Belmoreana and Forsteriana, delivery included.....	15c	60c	$1.00
Asparagus Sprengeri.....	5c	20c	1.00
Smilax, packet, 10c; oz., 25c; lb., $2.50.			
Phoenix canariensis.....	15c	25c	2.00
Phoenix reclinsta.....	15c	50c	4.00
Shasta Daisy. Best paying cut flower.....	5c	20c	1.25

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See our special Xmas card on page 78, it may give you an idea.

H. Bayersdorfer & Co.
50 to 56 North 4th St.
Philadelphia, Pa.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

THE RETAIL FLORIST.....

WEDDING DECORATION.

The accompanying illustration of a wedding decoration is from a photograph of work put up by Poole & Purllant at St. Patrick's church, Bellefontaine, O. Wild smilax was largely used about the entrance and white chrysanthemums and ribbon were used along the central aisle. At the altar chrysanthemums and decorative plants were employed to good effect. This is said to have been the most elaborate decoration ever put up in Bellefontaine.

DRAPERY STUDIES.

IV—Mimicry.

Among the patterns which can be copied sensibly and legitimately in flower and foliage designing are corn stalks, spider webs, lovers' knots, geometrical figures as found on insects' wings, and numerous beautiful unnamed forms of decoration seen on plants and animals and even on minerals. Many of these are mimicked from one great natural order in another, orchids being conspicuous examples in their resemblance to the markings of butterflies and other insects.

The different kinds of spider webs are fascinating copies, and not difficult to reproduce. Among the accompanying illustrations (see half-tones on pages 48 and 49) is the photograph of a reproduction of a simple form of web employed in a screen. The same design has been used on front of a chapel wall, and in the chancel and on either side. The design can be adapted to a large place and can be repeated indefinitely on even or rough surfaces, across corners or in tall doorways or arches.

A free adaptation of the corn stalk design is found illustrated. A medium sized string of smilax with a few strands pulled out at the sides and top gives the idea.

Lovers' knots of smilax make a pretty frieze on a light background, a detail of which is illustrated. The frieze is a design seldom used in our work, but very effective along the upper walls or above a wainscoting. It may be briefly described as a panel set horizontally on a wall.

However, a step too far in mimicry will carry an incautious worker into the domains of the ridiculous. Similar indiscretions have led to attempts at reproducing animal life. It is no wonder sensible people laugh at these florists who send out lambs, elks, etc., where the customer's taste is not the one to blame. It must always be remembered—perhaps with many of us first learned—that our designs are not ultimate in their purpose; that they are merely suggestive, and when we have reminded the onlookers of green pastures and shady nooks, we have accomplished our highest purpose.

GERTRUDE BLAIR.

ROSES.

Seasonable Treatment.

The general care of the houses during the dark months will entail more critical and accurate judgment in all its details, as any error or carelessness in the application of feeding material, air, heat, or water will be certain to bring trouble. This being the season when all vegetable life calls for a rest, roses will, under the most favorable conditions, have a tendency in that direction. This tendency it is the task of the grower to overcome by bringing all his knowledge and skill to his assistance.

By a course of gentle stimulation and feeding he can keep his plants continually on the move, though at a much slower rate than during the preceding months. Owing to this sluggishness the plants require much less food and as evaporation is also at a minimum the supply of water will have to be more carefully apportioned.

A repetition of a few general rules for safely conducting the houses during this period, with some hints on the methods of their application, may be of some benefit to the less experienced.

For stock which is in a healthy and vigorous condition, a light mulch of a rich nature should be applied every six weeks. This will help to develop strong canes and large buds. When the mulch is partly exhausted an application of manure water once a week will also greatly strengthen them. It is better not to use liquid manure when the crops are ready to cut, as this is apt to destroy their keeping qualities. A generous sprinkling of air-slaked lime once or twice during the time they are making wood will help to give stiffness to the stem and to the necks of the buds. Soils which are deficient in calcareous matter are prone to produce weak necks if unassisted during the dark days.

Color is another matter which must be looked after. Too much rich feeding will, as a rule, detract from the brilliancy, especially in pinks, and has to be carefully guarded against. A sprinkling of wood ashes once or twice a month will help to retain the coloring and even intensify it. Overcharging the air with the fumes of either tobacco or sulphur will also bleach the color of pinks, and to obviate this light and periodic fumigations should be practiced rather than wait until compelled to adopt radical measures to effect the purpose.

The benches should be carefully examined previous to watering, especially after mulch has been applied, as the mulch may be quite wet while the soil in the bench may be bone dry. A critical examination will also reveal some spots which are drier than others. These ought to be gone carefully over previous to the general watering, so that the soil may all be equally wet. Keep the soil at the bottom of the bench from ever becoming dry. Keep a sharp lookout for red spider, and whenever it appears use the syringe on that spot at once to keep it from spreading. If this is strictly attended to we do not need to use a great deal of water to keep it in subjection.

Church Decoration by Poole & Purllant, Bellefontaine, O.

Give plenty of air on all favorable occasions, even when compelled to keep a good fire going, and if at all possible keep on a small crack of ventilation during the night. This prevents an accumulation of moisture in the house which, when it condenses on the foliage, is very harmful.

When a long spell of cloudy weather is with us it is much safer to drop the temperature a few degrees so as to retard the growth as much as possible, as the wood produced under such conditions is seldom very robust.

A careful study of these general rules, care in putting them in practice, the maintenance of a steady temperature suited to the different varieties and the attending conditions, should bring us over the dullest and shortest days with safety.

RIBES.

MISCELLANEOUS SEASONABLE HINTS.

Christmas Plants.

Presuming that flowering and foliage as well as berried plants are going to be a leading feature of our Christmas trade, there should be no delay in seeing that your stock in these lines is up to date in variety and quantity. If you are the only florist in a small town and "monarch of all you survey, your right there is none to dispute," you may not have to keep much variety to please your patrons, but nowadays, in small cities as well as large ones, there is keen competition and lots of it, and the more costly your location and business expenses, the more need of keeping a first-class stock in every line of your business. We can remember wiring for Christmas stock, such as orange trees, about December 20, and received the answer, "Sold out." Very few retailers even with a dozen houses at their back can or do grow all the plants that are asked for at the holidays. Our patrons, and that includes the whole public, do like novelties. Perhaps we as a nation are not at all peculiar that way, yet I think we slightly are, and the love of novelties must be catered to.

Of plants likely to be in favor this coming festive season, the azaleas ought to be just showing color, and will be in fine order in three weeks.

Poinsettias.

Some florists would not consider the poinsettia an important plant, yet we do. If you have to buy them, buy small plants in pots and keep them in the pots until a few days before Christmas and then put a half dozen in an 8 or 9-inch pan. No matter how little you disturb the roots, they feel it and soon the yellow leaves appear, so unless they were put into pans two weeks ago, delay it now until you offer them for sale.

This reminds me of a little incident I once overheard in my friend, Mr. Christensen's office. It appears a lady customer had sent her maid for the fern dish which had been left a few days previously and finding it unfilled, so reported to "the Missus," and after waiting a few days the good lady arrived via carriage in person and as she bounced into the office she let out: "Why is my fernery not filled?" and then came forth the wisdom and diplomacy of the noble Dane. "Madam, I did not think you wanted the fernery till Saturday and we always put off filling them till the last moment. As they begin to die from the time they are put into the dish, the later they are filled the longer you have them in good condition." "Oh, I see! Ah! To be sure; but you will send it tomorrow, surely, won't you? Good afternoon." And there was peace and good will all around.

Spider Web Screen Design.

Lorraine Begonias, Etc.

The wonderful Begonia Lorraine is sure to be in demand. Frail as this little gem looks, it travels well and I do hear occasionally of some people keeping it looking well in the living rooms. Even if it does drop its blossoms in a week or two, it has lasted longer than a bunch of roses or carnations. There is something in me that whispers low but clearly that more and more will plants be used for table decorations. All the art that our greatest floral artists can command can never put together a bunch, a vase or basket of flowers of any kind that will compare in beauty and grace to the growing plant, with its flowers and foliage.

The cyclamen is always a good seller and its price within the reach of all. We made up baskets of cyclamen last year, seven or eight plants from 4-inch pots, and they sold well. Primula obconica is not a great essential, but it is a fine house plant and far outclasses the Chinese, large-flowered primulas in every way.

Bulbous Stock.

It is rather late to remind you of pans of lily of the valley and Roman hyacinths, but both of these are just about as well made up the day they are sold, as any other way.

Lilium longiflorum, or rather the Bermuda type, is sure to be wanted, not so much as a plant as for church decorations. We found this year that 5 to 7-inch bulbs, potted as soon as received in July and kept in a frame till they were an inch or two above the soil and then kept in a rose house temperature came in, the earliest, just on December 1. So 70 degrees at night for the last two months would have brought them in several weeks earlier, but in the rose house temperature you can have a full crop by the holidays.

Foliage Plants.

In foliage plants I don't think there is any doubt that the Boston fern will take the lead. What is more free and easy and beautiful and, withal, does so finely in the house, office or store? There is one in a high-toned crockery shop in our city, and it has been there three years, that for beauty of growth can't be approached even by Wm. K. Harris.

Palms have sold slowly for a year or two past, but you must have a few in value from $1 to $10. Kentias, arecas and latanias are the kinds. Pandanus Veitchii sells well and is a most perfect plant for the drawing room. Dracæna terminalis has many friends; its rich coloring sells it and if we could give it a good character as a house plant more could be sold. Dracæna fragrans and the two fine varieties, Lindeni and Massangeana, are good house plants and are well liked.

Rubbers not over eighteen inches high are asked for, but the branchy plants sell much better. In mentioning the Boston fern I by no means wish to ignore the magnificent aristocrat, Piersoni, and the very graceful Anna Foster but they are not quite common enough yet and where you have large plants of them they should be worth double the old Boston variety. Anna Foster is a particularly fine plant as a large specimen. Another fern, Cibotium Schiedei is not only a most beautiful plant but thrives in the most uncongenial surroundings. A cheap hardy fern is Cyrtomium falcatum.

Novelties.

Now there is no novelty in any of the above. Perhaps among the berried plants we can introduce one or two. Holly, which thirty years ago was an unknown article to a northern florist, is now picked and transported north by the train load and now we have the European holly in beautiful pyramid trees in tubs. The European holly, or at least the common green species that is a native of the British Isles, grows naturally more erect than our southern holly, which, although I have not seen it growing is, I think, a rambling, spreading bush. The beautiful imported hollies are expensive, but you should have a pair or two. You are sure to have some customers who will snap their fingers at expense if the eye is captivated. The Ardisia crenulata is the neatest of the small berried plants and the berries hang on an indefinite time. The solanums are inexpensive and showy berried plants and have a Christmas look.

Aucuba Japonica.

A plant we are going to invest in to a limited extent is the berried aucuba. To those who have never visited temperate Europe, Aucuba Japonica is mostly a stranger. It is a common evergreen of the gardens of England and thrives in the little front yards in the smoke and dust of the largest cities, where no other tree or shrub will grow. As a boy I have pulled birds' nests out of aucuba bushes, but in all England, and perhaps Europe, the aucuba bore no berries. It was grown merely for its handsome, mottled yellow and green leaves. Why up to thirty years or so ago was the aucuba berryless? Simply because the plant or plants brought from Japan to Europe were of one sex and some thirty or thirty-five years ago some plants of the other sex were introduced and then gradually the aucubas of Europe bore berries, which added greatly to its value. As an ornamental evergreen, buy some and tell your customers that a very cool room or hallway will do for them. They are a patient and long suffering plant and will put up with more dust and dirt, hot air and frost than any plant I can think of. I can remember one in a tub on a veranda where an Episcopal minister, every Saturday night, would rehearse his morrow's sermon, and the poor plant lived on.

Pandanus Sanderi.

In conclusion, we hope you are well supplied with the leading staples of your business, but if you have to buy, do it at once. In looking over this gossip, I meant to say when speaking of Pandanus Veichtii that another year we will have with us in quantity that most beautiful plant, Pandanus Sanderi. It's just a little too expensive this year, although for such a choice plant sent out at a very moderate price. The writer saw this plant, or plants, soon after their arrival at Riverton. At first sight it does not strike you as much different from Veitchii, but soon it grows on you, and on familiar acquaintance it appears to you as a twenty-dollar gold piece, and Veitchii is the silver dollar. Niagara Falls is disappointing to nine out of ten who first look upon it, but on every future visit its majesty grows, and so does this beautiful golden pandanus.

William Scott.

A Lovers Knot. The Cornstalk Design.

Drapery Studies.—Details for Frieze.

CARNATION NOTES—EAST.

Cuttings.

I would repeat my advice of last year, to try the plan of buying some unrooted cuttings of those varieties you intend to add to your list. I use the word "some" knowing there are those who will consider the method as a radical departure from the prevailing one and, while I never advocate any change in method unless it has proved beyond doubt to be an advantageous step from beaten paths, it is ever my desire that new ideas advanced by your humble servant be first tried on a small scale. The subject was fully covered in these notes last year and it only remains to add in support of my claim as to the relative shipping qualities of rooted and unrooted cuttings, that in January last I packed together, in the same box, both kinds and mailed to a friend in San Francisco who remailed to me at once without unpacking. In sixteen days the box returned, the rooted cuttings knocked out; the unrooted ones, while a trifle groggy, still in the ring and promptly revived in water.

In buying new stock, it is important that orders be placed early and a date specified for delivery if anything like success is looked for the first year. Lateness in ordering is responsible for many failures of meritorious varieties to give a good account of themselves the first year. The party of whom you order must of necessity carry out his part in delivering at the time set, especially in the case of new introductions of high price and unknown behavior. In any event it is your right to demand delivery at the time specified, be your order large or small. As a rule all purchased stock should come to your hands during January and February and if unrooted it is obvious that they should be received earlier. There are, however, varieties which do better when propagated during March and a shipment of such received thus late can be handled to good advantage. Floriana is a good example of this type and Prosperity seems to lean that way.

Buying twenty-five or fifty of a large number of varieties may be a good investment for the hybridizer but for the grower who depends strictly on bloom in quantity the fewer sorts he has to cater to, the more profitable they will be to him, provided they are well grown and back numbers are supplanted by up to date ones as they prove their superiority. If you are a grower for the wholesale market, 500 of a variety is little enough for a fair trial. Those who retail their own product can, with 250, judge their trade's opinion of the aspirant, definitely settle the question of commercial value and in either case, if deemed worthy of a place, there are plants enough to work up a sizable stock for the following season without need of overpropagation.

Geo. S. Osborn.

CARNATION NOTES—WEST.

Propagating.

It is not too early now to begin propagating some of your carnation cuttings, although there is no great hurry with most varieties, if you have plenty of stock. Such varieties as Lawson, Crane and Mrs. Bradt you should get into sand at once. Of the two latter varieties you want a good-sized plant to put out in the field and also a good-sized plant to bring in in the fall to get plenty of blooms. Mrs. Lawson wants extra early housing unless you grow it inside all summer and in the latter case you cannot err by having your plants large. The

best house of Lawson I have seen this fall was planted on the benches last May from 2½-inch pots. This house is certainly in grand shape and will pay for the room it was given for six weeks last spring, when the old plants might have brought in a few dollars.

There are other varieties, too, that want early propagating. In fact, any variety that does not grow very strong in the field should be put into the sand early. I am taking for granted that you house your carnations between July 1 and August 20. If you do not begin housing until the middle of August, then you can propagate in January and February and be early enough. All you want in that case is to have your young plants rooted through in 2-inch pots by planting-out time. There are more carnations rooted and sold after February 1 than before that date, but you will find that all the best growers propagate early, and by early I mean in December and January.

New Varieties.

If you have some new varieties you think a great deal of you will want to make all you can for next year. This is where you will need to exercise good care and judgment. Don't get overanxious and strip the plants of every little shoot you can get hold of, but always keep in mind the health of the plants. About this time we go over them and take off all the short flowering shoots that have not begun to run up yet and also the largest side shoots from the blooming stems. These make good cuttings. Leaving the blooming shoots on the plant gives the plant something to work on and prevents a check, such as cutting back all the shoots would give. By the time all the shoots have bloomed the lower shoots have made good breaks and are ready to take up the strength of the plant. By taking off only the strongest cuttings each time you can take off a nice lot of fine cuttings about every two weeks without weakening the plant the least bit. This is certainly much better than to strip the plant of all the cuttings every time they are large enough to handle and you will get more cuttings in the end. Remember that in most cases of newly introduced varieties the stock is worked pretty hard the year of dissemination, and perhaps a couple of years before, and it will pay you to work it with a view to preserving the strength and health of the plants.

If this rule were followed more closely our varieties would not deteriorate so rapidly after dissemination. The good ones are always worked so hard for a few years after dissemination that it is no wonder we are always ready for new varieties in every color. Only the very strongest growing kinds will survive this kind of treatment, for even a season or two. Diseases of various kinds soon make their appearance and then the variety which promised wonders is pitched out, not on account of a weak constitution, but on account of an abused and weakened constitution.

Selection of Cuttings.

The selection of the cuttings has a great deal to do with the success of stock next season. I have several times in these notes given my views as to what is the best cutting, etc. The best growers agree that the very best cutting is the shoot that springs from the flower stem near the base of the stem. The cutting up higher which has a stem about an inch or so between the stem and the first leaf is of little use. It will make a weak plant, which will be inclined to run to bud too much. If we have a fine variety in a limited quantity we do not hesitate to take the young flowering shoots, which have not yet begun to run up. But unless we run short of cuttings we stick to the side shoots and we certainly would not take blooming shoots to make cuttings to sell; that would be wasting money.

You should have your sand on the place before this and if you were wise you refilled your propagating bed while the weather was fine, so that now you can go right ahead with the cuttings.

Whenever you can get a heel on the cutting, and you usually can on the side shoots, it will help you a little in rooting it. The wood is a little harder and will not decay so easily. Make a clean

Dr. F. M. Hexamer and Chas. Allen, Sr.

cut with a sharp knife at the heel and trim the ends of the grass a little before sticking them into the sand. Some growers do not approve of the trimming, for no good reason that I could ever hear, but I like to trim them a little because I think they wilt less and they will take up less room in the cutting bench without crowding. When plants or cuttings are crowded moisture accumulates and excessive moisture is apt to start damping off, bringing on cutting bench fungus.

Handling the Bench.

Select the cuttings of an even size as much as you can, so there will be no small ones to be crowded by the larger ones. Pack the sand firmly after watering it thoroughly. With a table knife draw a deep line through it about two inches deep and about one and one-quarter inches away from the last one. Stick the cuttings into this furrow or line about an inch deep and three-quarters of an inch apart. After filling the row press the sand against the cuttings, draw another line and proceed as before. Some use a stick about an inch wide as a rule to draw the lines, but with practice you will not need it. Be sure, however, to get your rows straight, as crooked rows are apt to make trouble when you take up the cuttings later on, especially if you have many varieties and only a few of a kind.

Use only new labels in your cutting bench, or anywhere else, for that matter. Sometimes you will see a grower use a label that had been used before, merely crossing out the old name and writing the new name on the unused side. Occasionally he forgets to cross out the old name and when the cuttings are taken up he finds two carnation names on one label. Unless he knows the varieties by sight he does not know whether he is planting or potting the one or the other. You cannot be too careful about your labels.

After sticking the cuttings into the sand give another good, thorough watering. No more watering will be needed for several days, except a light spraying each day to keep them fresh. Keep the sun from striking them, but give all the light you can otherwise. We use the north bench in a carnation house, as we have no special propagating house. It is partly boarded up in front, that is about two-thirds of the way from the bench toward the ground, to keep the heat under the bench. In front of the bench and suspended from the roof hangs a curtain of muslin which keeps off the sun and draughts but lets in the full light from the north. We consider this away ahead of the old way of laying paper on the cuttings. The sun beating on the paper on a bright day will cause heat to gather under it and wilting and damping off are very apt to follow. You can work back of this curtain, too, without exposing your cuttings. Always do your spraying in the morning, so that the cuttings can dry off again before night. The spraying will not be needed every day after they are callused, but only when the atmosphere is dry and wilting might result. I will take this for a subject in the near future, but get your cutting bench ready at once and prepare to progagate your next season's stock.

A. F. J. Baur.

SOME YOUNGSTERS.

At the New York show this year there were three or four youngsters deserving of especial note. Samuel Henshaw has been associated with flower shows for sixty years. He well remembers the Botanical Gardens exhibition at Manchester, England, in 1825, where his father was an exhibitor.

Dr. F. M. Hexamer and Charles Allen, Sr., were two more of the youngsters who were in their glory, youngsters in spirit and enthusiasm if not in years.

ROSES AT REINBERG'S.

Mme. Abel Chatenay.

This is one of the best roses in the Chicago market, and continues to grow more popular year after year. Commenting on a vase of Chatenay exhibited at the recent show given by the Chicago Florists' Club, one gentleman said it is the "greatest thing on earth," and certainly it is one of our best varieties. It produces strong, straight stems, every flower perfect in color and form, a very easy rose to grow. It very seldom mildews. A temperature of 58 degrees and plenty of ventilation is about what it requires. At Peter Reinberg's it is the most profitable rose grown, and it certainly has come to stay.

Uncle John.

The rose named Uncle John is a sport from Golden Gate and originated at Peter Reinberg's place three years ago. They now have 15,000 plants on the benches. The rose is much more pink than Gate and unfolds its petals like a Bride or Maid; it is a great improvement over its parent in that respect. The young growth is quite red, but it turns to a green much darker than Gate. It is as great a producer as Golden Gate and creates a good impression wherever exhibited. At the recent show given by the Chicago Florists' Club, it was highly commended, and it was awarded a special prize of $40 at last year's Kansas City show, where it was named after the veteran florist, Uncle John Thorpe.

George Collins.

LAPAGERIA.

This gem of the greenhouse is by far too seldom seen in our collections, and very rarely indeed in commercial establishments, although they are among the most beautiful and easily grown of all of our greenhouse climbers. They succeed best when planted in a prepared border, although they can be grown in pots or tubs, and trained around a wire trellis, with a certain amount of success. When properly handled in this way and when in full flower they form one of the most fascinating sights of the showroom or parlor. They are, however, at their best when planted in a prepared border in the greenhouse and trained against a wall or over a wire trellis or hung from the roof of the house, as then their pendant and waxy flowers are more exposed to view.

To attain success in the cultivation of this most beautiful flower it is essential that we select the most vigorous and healthy plants to begin with, as weakly plants are worthless, seldom if ever becoming vigorous, even under the most favorable conditions. The compost best suited for them is three parts peat to one of fibrous loam, with about one-sixth of the whole bulk of sand added. When laying down the bed or preparing the pots or tubs ample drainage will have to be provided, as they require large supplies of water when growing. This has also to be accompanied by heavy syringing during the period of growth. The syringing must be stopped as soon as the blooms begin to open.

If grown in pots or tubs, they require frequent mulching, especially when new growth commences. This mulch should be composed of two parts dried cow manure finely pulverized, one part fibrous loam and one part of peat and one other part composed of equal portions of leaf mold and sand, the whole to be thoroughly incorporated and applied at intervals of six weeks to the depth of one inch.

During the summer they require a cool temperature with a light shade. Their insect enemies are few and easily destroyed. Red spider, being one of the most persistent, is easily kept in check by the syringe. Greenfly can be subdued by fumigation or by placing tobacco stems under or near the benches. Slugs and cutworms create a deal of havoc among the young shoots if allowed to have their way, especially when just emerging from the soil, but these can be easily destroyed by any of the arsenate poisons if properly applied.

The varieties most usually grown with satisfactory results are Lapageria rosea and L. rosea alba, although there are many varieties between these colors, both pleasing and interesting. By crossing L. rosea and L. rosea alba almost any shade of pink can be obtained, but these colors are variable. The colors of L. rosea, even, are not fixed and certain, as in a batch of cuttings from that variety we may obtain many shades.

The usual method of propagation is by layers; that is, to plant a vigorous parent plant in a well prepared soil and peg down the runners. We can by this method obtain a great quantity of young plants, but many of them will prove to be of weak growth and useless so far as making good specimens.

The most interesting method of propagation is by seed, as by crossing the varieties we can obtain so many shades of color without changing the type, many of them during their first and second year of life greatly surpassing their parents, both in size of bloom and brilliancy of coloring. They retain their health and vigor and maintain their flowering qualities if kept in a temperature not to exceed 55 degrees. Of course, during the hot spells of summer they must often exceed this, but a little ordinary judgment will help us along in this strait.

Ribes.

Conservatory at Charles Millang's New York Wholesale Store.

TIMELY TOPICS.

Continually noting the items in the trade journals about this grower who will double his capacity next year, another who will cover ten acres, and many others who will erect several large houses each, it has got to a point where it will require serious thought as to the probable outcome of all this additional building. To observe the general condition of the market in its present stage, the increased output is plainly seen. There is no more anxiety on the part of the buyer as to not being able to get what he wants at any time of the year and standing or advance orders are becoming a thing of the past. The buyer no longer seeks the market, but the wholesaler is now seeking the buyer. The grower is no longer besieged with messages from the commission man to make shipments, nor is it necessary to cut the stock before it is in a marketable condition.

The good old days when times of "stock scarce" prevailed most of the year now seem reversed, except for an occasional spurt in demand, or sudden change in temperature to cause a temporary shortage, which still may have the tendency on some caught short in trying to fill an order, to cause them to immediately purchase material for another block of houses. To note in a recent issue the statement that one Chicago grower controls almost as much glass devoted to cut flowers as all the Philadelphia growers put together seems like a surprising statement, and yet that is a small proportion of the glass in what is called the middle west district.

While all the building is going on by the wholesale grower, the dealer who has been depending on the wholesale market is doing likewise, thus continually curtailing the shipping territory until it narrows down almost entirely around the big growing centers. Then what? Common stock or inferior grades have but little room on the market now, and are the choicer blooms bringing a paying average? Novelties remain novelties hardly long enough to get the first cost out of them before they become common property. This looks like the cause of overproduction and the pressure brought to bear on the market by the immense amount of other stock thrown on the market daily in all competing lines. Assuming that there is a large increase in the consumption of flowers, and why shouldn't there be, the volume of stock must go somewhere and many lots are disposed of below the cost of production and prices are within the reach of all. There is not the same fluctuation in prices as in years gone by. They are mostly forced down by the supply rather than being advanced by demand. We are passing through an era of prosperity and it may be well to look ahead during these times and give some thought to President Burton's warning at the last S. A. F. meeting.

Incog.

Champaign, Ill.—Thomas Franks has a range of 8,000 feet of glass and reports business good. He has had thirty-two years' experience in the trade.

Mechanicsburg, O.—S. M. Harper is making arrangements to move his family to the state of Washington.

CALCEOLARIAS, ETC.

I want to grow calceolarias and cinerarias from seed. I have the plants started now, with three to four leaves. I have had no experience in the treatment of these plants. Will you please through your columns advise best soil, temperature and method of growing these plants, also gloxinia bulbs and oblige.
W. L.

Notes on both of these cool greenhouse plants have many times appeared in the columns of the Review. They need almost identical treatment. Sometimes seed of cineraria is sown in May or June to have them in bloom at the holidays, but for the commercial man that is not desirable and sowings at the end of August or in early September will give you good plants for March and April. Neither wants, during the winter months, a higher night temperature than 45 degrees and the fullest light. They should never be crowded or the foliage has no room to spread and be perfect, without which neither of these plants would be worth bench room. The soil is not so particular a point. A fresh yellow loam with a fourth of leaf mold will do well for them. From the time they are shifted from 2 to 4-inch pots don't sift the soil; use it rather coarse but firm. A fine sandy soil is just what they don't like.

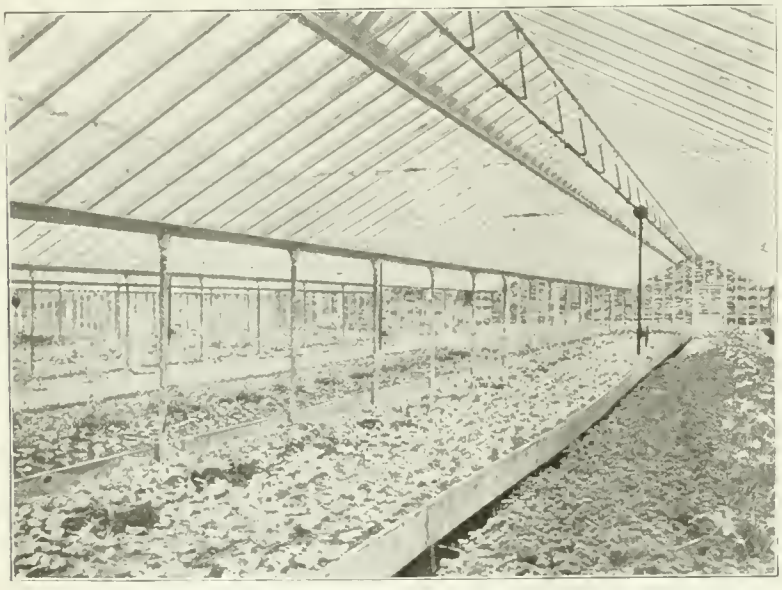
Although both of these showy plants are considered beneath the notice of many of our great and illustrious specialists, to do them well needs not so much skill as constant care and attention. If allowed to wilt through neglect of water, the leaves may be lost. If overwatered, or rather if the water does not pass freely through the soil, the plants will go off dead beyond redemption. From 2 to 4-inch and then to a 6-inch, the flowering pot, is about the shift they want. Their greatest enemy is the common green aphis. If there are any of these in the county they will come to roost on your calceolarias and cinerarias. Tobacco stems among the pots at all times is a great help, but a mild fumigating twice a week without a miss is a necessity.

W. L. also asks about gloxinias. They are now at rest, or should be, and the subject can rest till a more seasonable time. The seed of gloxinias is not sown till February, but the bulbs are so inexpensive that it is better to buy those and start in February and March, of which I will have something to say in due season.
W. S.

CALCEOLARIA AMPLEXICAULIS.

After such an unfavorable season for bedding plants in general, it is most gratifying to see this charming old plant one mass of bloom. It has been quite a picture all through the summer, and will continue to flower until cut down by frost, says a writer in the Gardeners' Magazine. We have it planted in a large group, well sheltered from the wind, and in a half-shady position, in good rich soil. The cuttings are taken at the same time as those of that old bedding variety, Golden Gem, and inserted in sandy soil in a cold frame, covering the glass at nights when very keen frosts are expected. About the latter part of March these are transferred into a rough frame, and only covered up at night. By keeping the shoots pinched back nice bushy plants are obtained for planting into permanent quarters early in May.

When the cuttings are rooted, if a few dozen are potted singly into 5-inch and 6-inch pots, placed in a cold frame till established, and then brought into the greenhouse, they will bloom in advance of those outside and will be found most useful. The flowers of this calceolaria are a most pleasing shade of lemon, a shade not usually met with in any other plants. The rust does not seem to attack this, as it does some of the others, and especially Golden Gem. But we have been very free from rust this last two seasons, owing, I think, to planting in shadier places, also where the soil contains more moisture, and is of deeper and better tilth. C. amplexicaulis deserves to be more largely grown than it is.



Greenhouses of Mueller Bros., St. Joseph, Mo.

Lorain, O.—F. J. Stehle has opened a very attractive flower store adjoining the Hotel Franklin.

THE READER'S CORNER.

Ed. Review—Enclosed find a dollar for the Review another year. I wrote Ribes some time ago, for advice on roses; please thank him for his timely advice and words of encouragement. I followed his directions and the plants responded right away and have behaved splendidly since. I also thank you (this is Thanksgiving Day) for your courtesy in publishing my query and the confidential way you treated my correspondence. One article from the pen of Professors Ribes, Scott, Baur or Osborn is worth, to the man in trouble, a dozen subscriptions to your best of papers.
W. G. N.

Ed. Review—I am making a success of my business and it is largely due to the help I get from the Review. With me trade has not been so very good for the fall until this month, when it increased over 100 per cent. I benched my carnations in July and I do not think I ever had a finer outlook for the winter. I originated a variety of tomatoes seven years ago, which I consider unusually fine. In a good season, very few of them will go under a pound, and from that to two and one-half pounds. While not all perfectly smooth, they will average 75 per cent smooth ones. This year from 125 vines we had all a family of eight could use, which was no small amount, sold $14.81 worth and canned seventy-one dozen three-pound cans. The crop would have been much larger had they not blighted toward the close of the season.
W. C. Scovell.

PHILIPPINE ORCHIDS.

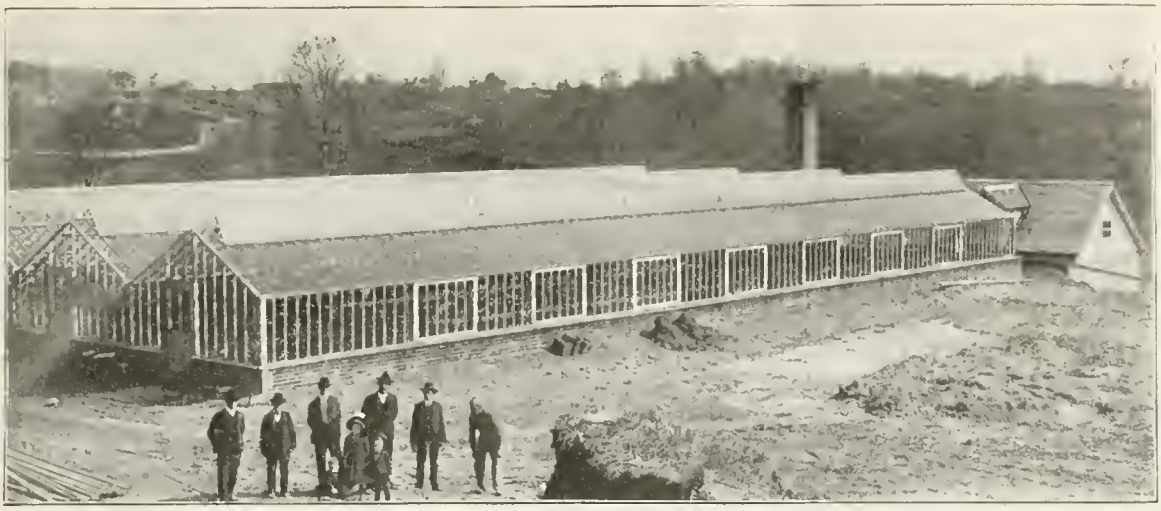
Orchids to the number of nearly 4,000 plants, collected in all parts of America's new archipelago in the Pacific and valued by experts at more than $30,000, were received at St. Louis a few days ago and are now in an Old Orchard greenhouse under the eye of John Hetherington, recuperating from their journey of 7,000 miles over sea and land.

These Philippine orchids will be in bloom when the World's Fair opens on April 30, next. At this writing, early in December, the plants are supposed to be passing through the "rainy season" of the Philippines. They are growing and gaining strength to survive the "dry season" that will begin about the time the fair opens. Then the greenhouse which will be the orchid's home in the Philippine reservation of forty acres on the exposition grounds, will be a bower of tropic beauty.

This wonderful lot of orchids, which was collected by Dr. Gustave Niederlein, in various islands of the archipelago, has for its star a splendid specimen of the Phalænopsis Schilleriana. The plant is worth $500. It is a prolific bloomer, as many as 174 flowers having been produced in a single blooming period. Phalænopsis Schilleriana originated in the Philippine Islands, but is now exceedingly scarce in the Islands.

Among the vandas the most attractive in the collection is the Vanda Sanderiana. It was originally discovered, in 1881, on the Island of Mindanao, one of the Philippine group.

Among the small flowering orchids in the World's Fair collection is the Saccolabium guttatum. The flowers, individually small, compensate for any deficiency in size by the profusion in which they are produced. In the numerous



New Range of Mueller Bros., St. Joseph, Mo.

family of ærides, the Lawrencianum is easily the favorite. The first plant of this variety that was sent to England, it is said, was sold to Sir Trevor Lawrence for $1,175.

Of Dendrobium superbiens an unusually fine specimen was secured by Dr. Niederlein. Fine specimens of Phalænopsis amabilis and many other good sorts are in the collection, which, on the whole, is a wonderful demonstration of the richness of the Philippines in treasures for the horticultural collector.

Vegetable Forcing.

Norwood Station, Pa.—D. W. Crouse has a fine crop of tomatoes just coming on.

Elwood, Ind.—S. W. Blubaugh has built a greenhouse, 50x86, for forcing vegetables for local market.

Chicago, Dec. 1.—Cucumbers, general run, 90 cents to $1 per doz.; fancy, $1.25 to $1.40. Lettuce, leaf, 20 to 30 cents case. Mushrooms, 35 to 50 cents pound. Radishes, $1 to $1.25 per 100 bunches.

MUSHROOMS.

This ought to be one of the best paying crops, providing they are properly handled and a first-class article is produced. We often hear complaints that certain products won't sell, but when we go to the root of the matter, nine times out of ten the fault is with the grower, who is trying to foist a second or third-class article on a first-class market, and I am satisfied that a great deal of complaint about mushrooms not selling is due to just such conditions. It is hardly to be expected that a local market can always be found for mushrooms, which may be classed as a rather high grade vegetable, but any one within reach of a town or city with a good middle class or high class population ought to be able to make this a paying crop.

I have often been asked: "Can mushrooms be forced successfully exposed to light?" And I invariably reply that they can. The yield will be just as heavy as if grown in the dark, but grown under such exposure, although they are just as good, they would hardly sell on any market on account of their dark brown color, where those grown in the dark are white and clean looking in comparison. A mushroom house with regular benches and provision made for maintaining a temperature of from 55 to 60 degrees is undoubtedly the best, as it is easier to maintain the proper atmospheric conditions, but there is no reason why good mushrooms cannot be grown under greenhouse benches, if not too close to the hot water pipes, the drying influence of which would be detrimental to the crop. If the bed can be made under the center bench of a house where the pipes are under the side benches only, and the proper temperature can be maintained, there should be no trouble in producing a good crop of mushrooms.

The old custom of using all fresh manure and keeping it turned for eight or nine days, until the heat was pretty well worked out of it, is very seldom practiced now, all good growers recognizing the fact that by this method a large percentage of the ammonia must escape and that this ammonia is one of the principal ingredients that ought to be retained. The manure should be procured as fresh and free from straw as possible and mixed when received, with soil and old rotted manure. We have had very satisfactory results with a mixture of one-half fresh manure and the other half well rotted manure and soil, rather more manure than soil being allowed. The whole is turned over twice to thoroughly mix, and the bed made up without further delay. Opinions differ a good deal regarding the depth of the bed. Some make them as shallow as eight inches, while others make them as deep as fifteen inches. A deep bed is less liable to dry out and will continue to bear longer, but it is doubtful if the extra yield will pay for the extra material necessary to make a fifteen-inch bed. I think a depth of twelve inches is, all things considered, about best.

W. S. Croydon.

NEW GLASS IN MISSOURI.

Mueller Brothers, of St. Joseph, Mo., have for some years been engaged in growing vegetables with no better facilities than are afforded by hot-beds, but last year they put up a fine range of four greenhouses, intending to force vegetables for a season or two and work into cut flowers. They built on the Dietsch plan, the houses being 100 feet long by fourteen feet nine inches wide. There is continuous ventilation and the houses are high and airy, the gutters resting on iron posts seven feet six inches in the clear. Each house has two benches five feet six inches wide and two walks twenty-one inches wide. The accompanying illustrations give an idea of the character of the plant.

WORLD'S FAIR LAWNS.

The World's Fair lawns, in the sixty-nine acres comprising the agricultural section, are exhibits, and they have been as carefully planned as any of the other show spots in the outdoor section. Joseph H. Hadkinson, superintendent of outdoor planting, appreciates the value of the lawn in giving an artistic finish to his work, and the lawns, all of which were planted under his personal direction, will be admired by millions of visitors during the fair.

All along the east side of the great Palace of Agriculture a few months ago was a mass of yellow, sticky clay. A ravine, seventeen feet deep, was filled with clay brought from the top of a neighboring hill. This was smoothed, plowed and harrowed and a top dressing of good soil, nearly a foot thick, was spread over the clay. This was worked, pulverized and prepared for the seed.

The seed selected was blue grass and rye grass, mixed in equal parts. The rye grass was first in evidence, but it has done the work that was required of it and has passed away. The rye grass comes up in six or seven days, and is a nurse crop for the blue grass. It grows taller and shields the blue grass from the sun. As it is not permitted to go to seed, it dies out and leaves the blue grass alone on the field. One could tell on an October morning in St. Louis why it is called "blue grass."

After getting the ground into proper trim the seed was sown, broadcast by hand, one pound to each 100 square feet. The seed was covered with what Mr. Hadkinson calls a "choppy" motion. A gardener goes over the lawn with a rake, and instead of raking and rubbing the seed in, he swings it slightly and allows the teeth to enter the soil about an inch. When the rake is lifted the soil is turned under for about half

an inch. The pulverized soil must be treated to fasten the seed in the ground. On the comparatively level places, a heavy roller is used. On the terraces, and some of the World's Fair terraces incline at an angle as great as 30 degrees, a "pounder" is used. This is a board a foot wide and a foot and a half long, fastened to a handle with blocks added until it weighs about fifteen pounds. The surface is "tamped" with this. When the earth is smoothed the final work is done. All summer a great pile of stable manure had lain in a heap in front of the garden. It was thoroughly decomposed. This was run through a soil pulverizer and sprinkled over the ground. The covering is slight, but is all that is needed. It keeps the sun from baking the soil and causes it to retain the moisture.

There is one pest that has demolished many a lawn, and the World's Fair landscape gardeners had a short bout with it. This pest is the mole. These little fellows burrow a few inches under the surface of the ground and raise ridges in the lawn. The moles feed on the earthworms and harm the roots of the grass only incidentally. But if the moles are not killed they will destroy the lawn. "Gus," Mr. Hadkinson's foreman, watched Mr. Mole and studied him. Tho mole takes his meals regularly, morning, noon and night. The ridges made by the mole must be beaten down, and watched. When the mole goes over the route again the ridge is again raised. Then the process is easy. Take a spade, drive it in the ground across the mole's route and behind him. He may be easily dug out and dispatched. In less than a month the moles were banished from the agricultural section of the World's Fair.

BOUVARDIA KING OF SCARLETS.

Last autumn I contributed some notes, says a writer in the Gardeners' Magazine, on the origin of some bouvardias and their culture, giving at the same time a short selection of varieties. To this selection must now be added King of the Scarlets, which is in every way a decided acquisition. It was first brought prominently before the public on December 9, 1902, when at a meeting of the Royal Horticultural Society it was shown in good condition by J. Robson, Bowden Nurseries, Altrincham, and received an award of merit. The flowers of King of the Scarlets are larger than any other of the bright-colored varieties, particularly in the width of the lobes, while in color they are of a clear bright scarlet, with the tube almost white. Of rich-tinted forms, the vivid scarlet variety, President Cleveland, which was sent to England from the United States in the latter part of the 80's, rapidly advanced in popularity, and maintained its position as the best scarlet-flowered bouvardia till King of Scarlets put in an appearance. Both, however, are so beautiful, and so distinct, that there should be no question of one superseding the other, as in most gardens a place might well be found for two such charming plants. While the variety, President Cleveland, had a long journey before it enriched our gardens, the new comer had a still longer one, as we are, I believe, indebted for this to our Australian cousins, it having been raised at Sydney, New South Wales.

ST. LOUIS.

The Market.

Thanksgiving day and all of the past week the trade was good in all lines. The West End florists being busy with decorations and the down town florists with plenty of funeral work. The business done on Thanksgiving was big and from the expressions of most of the leading florists, it was ahead of last year's business. The weather was most beautiful, just cold enough to stimulate the retail trade. According to the daily papers there is a big crop of debutantes in society for this month and there will be quite a lot of receptions, which should help the cut-flower trade greatly.

The supply of stock during the past week was equal to the demand, with prices up on first grade stock. Chrysanthemums are nearing their end; still a few choice late varieties are coming in. The demand for them has fallen off considerably since Thanksgiving and the buyers are looking more for other flowers, which is better for the trade at large.

The market on cut roses is still somewhat heavy; that is, on the poorer grades, and enough of the fancy grades are in for the demand, but they seem to clean up pretty well. Beauties are still in ample supply. Select fancy stock commands $5 and $6 per dozen. Medium length has the best call, at $3 to $4 per dozen. Shorts sell well and are cleaned up almost every day at $1 to $2 per dozen. The price on smaller roses is from $2 to $8 per 100. Brides and Maids are good on an average. Meteors are coming with quite a number of bullheads. Carnot and Golden Gate sell well. Perles are in little demand. Carnations are of good quality and in demand. Fancy stock of Prosperity, Lawson and Wolcott brings $4 and $5 per 100. Joost, Daybreak, Crocker and Crane bring $2 and $3 per 100. Good Hill bring as high as $4. White is in big demand just now. Violets are in good demand at $1 per 100, with only California in the market. Valley remains in moderate demand at $4 and $5 per 100. Romans and Paper Whites are more plentiful. Romans are rather short in stem and bring only $2; Paper Whites $3 and $4. No Harrisii yet, with callas scarce. The market is again well supplied with ferns and other greens. Asparagus is not overplentiful and in demand.

Holly and green have made their appearance and some of the florists have ordered ahead, for wreathing to be used for decorating down-town business houses in about ten days. The weather is favorable for plant delivering and the report is that house plants are moving better. Trade in this line should be good from now on. The plants for Christmas trade at Schray's, Sanders', Beyer's and Windler's are in fine shape, with plenty of everything for the holiday trade. Some good shipping orders are reported by our wholesale men and all three had a busy week.

Various Notes.

John Young and wife spent Thanksgiving week with their daughter in Chicago. James Young and son were also in Chicago the past week, visiting relations.

J. Currie, of Currie Bros., Milwaukee, was a recent visitor. Mr. Currie was here looking after the interest of the Wisconsin building at the World's Fair.

Wm. Adels, late with Mrs. M. M. Ayers, is now with F. H. Weber, at Boyle and Maryland avenues.

Mrs. Wm. Ellison, of the Ellison Floral Co., on Olive street, reports business very satisfactory. The company has moved into larger quarters next door to the old stand.

George Waldbart made a grand show of chrysanthemums in his show window Wednesday and Thursday of last week.

Mrs. M. M. Ayers reports a very busy week, with decorations, and the biggest Thanksgiving she ever had.

Alex Siegel and Fred Foster spent a day in Chicago the past week, looking up stock for Thanksgiving trade.

Jules Vacherot, chief gardener of Paris, is here to prepare the plans for the landscape work around the French pavilion at the World's Fair grounds.

Don't forget the Florists' Club meeting next Thursday afternoon at 2 o'clock in Odd Fellows' building, Hall No. 2. An exhibition of roses and carnations is expected. Mr. Brown, the English landscape gardener, Jules Vacherot, the French gardener, Messrs. Taylor and Hadkinson, of the horticultural department, and Dr. Wm. Trelease, of the Missouri Botanical Garden, are expected to be present at this meeting. Talks by these gentlemen and the essay of James W. Dunford, and a discussion by Max Herzog, should make an interesting meeting and all members should attend.

Invitations are out for the fourteenth annual banquet to florists, nurserymen and gardeners, given by the Missouri Botanical Garden, to be given at the Mercantile Club on Friday, December 11. This comes under the heading of the will of the late Henry Shaw.

Otto Koenig, C. A. Kuehn and W. J. Pilcher, Florists' Club members, are showing some of their fine bred chickens at the poultry show this week, which is held in the Exposition building.

Bowling.

The bowling club had a light attendance but some large scores were made,

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fasteet by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

especially those of Charlie Kuehn. Below will be found the scores of the four games rolled.

Player.	1st.	2d.	3d.	4th.	T'l.
C. A. Kuehn	232	218	169	170	789
Oscar Beneke	176	174	187	177	714
J. J. Beneke	186	181	148	179	694
Theo. Miller	128	170	160	158	616
F. J. Meinhardt	118	128	134	173	553
F. M. Ellis	166	151	113	112	542
Freddie Weber	99	97	131	101	428

J. J. B.

CHICAGO.

The Market.

Trade is very quiet this week, and great is the disappointment thereat, for everyone in the market had been hoping that business would continue at its accustomed gait after Thanksgiving. Beauties, ordinarily one of the most staple of products, are the weakest item in the list this week, particularly the extra lengths. All the big growers seemed to get good cuts on just before Thanksgiving and, with light demand, the long-stemmed stock has been moving at rates, where a quantity could be used, probably lower than this market has ever before seen at this season of the year. Medium grades have held up fairly well. There is very little call for Maids and none too much for Brides; little good stock of either variety is available. Chatenay, Liberty, Sunrise, Carnot and Meteor do a little better and are shown in much better quality. Carnations hold stiff, supplies being not in excess of demand and qualities good. Last week colored carnations were in the lead, some whites being left on Thanksgiving day, but this week the greatest call has evidently been for funeral flowers. Chrysanthemums are about at the end of their season. There are still quantities about but the quality is generally lacking. Violets were in sad overabundance at the end of last week, but receipts have fallen off and Tuesday saw the market strong, even with little demand. A few poinsettias are seen.

It develops that the wholesale business for Thanksgiving was not so much below last year after all. The total of sales was fair. Beauties did not bring what they should and violets went to the bad Wednesday afternoon and Thursday morning. Also the better grade of mums did not come up to last year's prices. These discrepancies account for whatever shrinkage there was in sales.

Christmas Near.

Christmas is only three weeks away and there is already considerable speculation as to the supply and demand. Some growers fear that the Beauty crop will be off. Other roses are expected to be in good supply. Carnations seem likely to be scarce; in fact, there could hardly be too many. Better size up the situation and book your order early.

One thing the growers need cautioning about is the matter of holding back stock. Pickle if you must (but pickling is going out of fashion) but get your stuff onto the market by December 23. It is a pretty safe assertion that up to that day there will not be as much stock of shipping grade as could be used. The next day the out-of-town demand will be over and the local buyers will be in possession of the market. This is a matter which has been spoken of so often that it would seem that nothing more need be said, but nevertheless, at Thanksgiving one big grower hoarded his cut Monday and Tuesday, when business was good, and brought in a great stock to meet a slack demand on Wednesday.

Various Notes.

Frederick Weber, of Weber Bros., who operate the Grossman place, has bought a piece of ground about 200x325 adjoining H. Bauske's place in Bowmanville and has ordered glass and material for a range of seven large houses, which he will push to completion as early as possible in the spring, as it is his intention to plant Beauties.

The Florists' Club's third annual ball was held last evening at the drill hall in the Masonic Temple. John P. Risch was the manager.

E. E. Pieser says that with Beauties so plentiful, the late mums will be a forced sale.

Glass is at a low level just now and there are those in the trade who look for a rise, as the new wage schedule is the highest on record and the big glass manufacturers are all pretty close together.

George W. Walther has a very neat store on Sixty-third street, in the best part of Englewood, and does a nice trade. An invitation to a chrysanthemum show, recently mailed to everyone for a mile around, helped to keep his place busy.

L. Baumann & Co., capital $20,000, has been incorporated to manufacture florists' and milliners' supplies, by F. H. Gelderman, Ludolph Baumann and G. A. Malmcrop.

O. W. Frese, of George Reinberg's, says he looks for a big Beauty crop for Christmas.

John Muno is handling very good Meteor.

L. Coatsworth, of Benthey & Co., who was at New Castle last week, says all the stock down there is looking fine.

Poehlmann Bros. are still cutting chrysanthemums in quantity.

E. F. Winterson is suffering from poisoning in the face.

N. Welter, at 4321 Western avenue, is preparing to erect three houses 20x200.

Bassett & Washburn are cutting a heavy crop of fine Liberty, a good part of them very long-stemmed.

C. H. Fisk is now devoting his entire attention to his west side retail store.

Sinner Bros. are well pleased with the sales on folding Christmas bells; they say the leading retailers are taking to the device.

John Zeck, of J. A. Budlong's, has been suffering with a severe sore throat.

Will Kyle, of Kennicott's, received a telegram on Tuesday notifying him of the severe injury of a brother-in-law in a railroad wreck in Nevada.

WEBSTER CITY, IA.—James Follett has added 1,500 feet of glass for carnations. He reports trade good this season.

MANCHESTER, VT.—W. H. Graham has enlarged his greenhouse and is doing a good trade.

WARRENSBURGH, N. Y.—S. E. Prosser has dismantled his greenhouse on Main street and transferred his stock to his new establishment on Horican avenue.

MITCHELL, S. D.—E. C. Newbury & Son have recently completed the remodeling of their range and have the place in fine shape. The business was established nine years ago and trade is good this fall.

PHILADELPHIA.

The Market.

The volume of business in cut flowers has been very large since last week's report. An excellent Thanksgiving, closely followed by an unusually heavy Saturday, consumed practically everything in the market. This week the first german in Baltimore on Monday night, for which many Bridesmaids, violets, Beauties and lilies of the valley were shipped from this city, was followed here by a week of teas, dinners, etc., which has kept the local retailers busy. The demand for Beauties has been very heavy. Chrysanthemums are on the wane, but some really fine flowers of Chadwick, Maud Dean, Eaton and a few other sorts can be had. They sell readily at high prices. Carnations are not plentiful, but the quality is very fine, Lawson being particularly well done. Poinsettias and white lilac have made their appearance, the former at Dunn & Co.'s the latter at Edward Reid's. There is a little bouvardia to be had. George Carpenter has just begun sending in some choice pink and red sprays to W. J. Baker. A few Romans have made their appearance but they will not be plentiful until another week. Greens of all kinds are very fine and can be had in quantity. Shipping trade is very heavy.

Some Ideas in Plants.

I remember with painful distinctness a certain morning spent some years ago among the storekeepers of our great city. I say spent, because it was an absolutely profitless morning at a very busy time. I had a house nearly filled with fine lilies and wanted to market them. Of course they went in due season, but not on that sad morning. Every storekeeper said that before ordering anything for Easter he must see what Harris and Craig had to offer; some said Craig and Harris, but they all mentioned these two and all declined to consider my stock until they had seen both these growers. This made me feel that Messrs. Harris and Craig or Craig and Harris pretty much owned the town, floriculturally speaking. I have since somewhat changed this opinion, now believing that, while they are very highly appreciated, especially at Easter, still the world is a big place and there is room for good stuff at nearly all seasons. Be that as it may, this morning's lesson to a newspaper man means that the REVIEW readers want to know what is going on at these growers' places from time to time. So lately the REVIEW man, accompanied by a friend to cheer him on the way, trotted out to West Philadelphia to see what was doing at William K. Harris'. The proprietor was absent, but his place was ably filled by Mark B. Mills, who made time to show the visitors about and talked in a way that was an inspiration in itself.

The chrysanthemums were pretty well cut out; Thanksgiving finished them practically. There were just enough left to give an idea of what they had been. Our Dear Friend was there and beside it a single plant, with three beautiful orange flowers, a sport from it that should be heard from in a couple of years.

There was a house and more of yellow English primroses, in full bud and bloom, in all sizes from 4 to 10 inch, the smaller pots, the larger pans. Many

specimens were hung from the purlins. This is a novelty here and very pleasing in appearance.

The place is strong on berried plants for Christmas, fine specimens of holly, Jerusalem cherries, Aucuba Japonica and Ardisia crenulata filling several houses. Then there are numbers of evergreens in handy little tubs, some of them very choice.

The place is very strong on bulbs. Daffodils are already started; this is earlier than ever before noticed. Boston ferns flourish in quantity and beside it the coming N. exaltata Harrisii, a compact variety mentioned before. Genistas, azaleas and hydrangeas are inside in good condition for growing into flower. There is a large stock of foliage plants, arecas, kentias, ficus, Pandanus Veitchii, Dracæna terminalis, etc. Dwarf oranges and ponderosa lemons full of fruit are also specialties. Bulbs will be grown even more extensively than in the past.

Various Notes.

Eugene Weiss has a new grower in charge of his rose houses at Hatborough; the cut, it is stated, is of very fine quality. Brides and Maids are specialties.

Frank Gaul, the enterprising manager of the Century Flower Shop, has been pushing business in great shape of late.

The election of Alfred Burton as a director at the Flower Market has proved a popular choice.

H. Bayersdorfer & Co. are experiencing a heavy demand for Christmas supplies. Immortelle wreaths and Christmas bells appear to be favorites.

S. S. Pennock is receiving some choice fancy carnations from Rhode Island. He keeps his brother busy with telephonic orders for valley.

M. Rice & Co. state that their business has increased enormously over past seasons. They are working like beavers to get their orders out in time.

Leo Niessen had some good orders for out of town this week.

Pennock Bros. had a handsome Thanksgiving window decoration, using wheat, emblem of harvest.

Herman Schoenfeld had some nice orders this week. Evidently his new store is popular. PHIL.

NEW YORK.

The Market.

The market has made a good recovery after a long illness, which looked at one time as though it might result fatally. It was the sickest patient in November the wholesale section can remember. The "oldest inhabitant" never saw anything like it. But it lifts its head again, and its appetite has improved so that it begins to sit up and take notice. It even became aggressive Saturday, when Beauties in some cases touched 50 cents each and Maids and Brides 15 cents each and violets $2 per 100. It was like old times and with proper care there is no need of another retrogression before the robins nest again. Carnations, with the special at $6 per 100 and the novelties at $8 per 100 were "in the running" and chrysanthemums are growing scarce and more valuable every day. Business in the supply line is already phenomenal. Everything looks cheerful, even the stock market, that great indicator of metropolitan floricultural prosperity.

Various Notes.

Friday of this week the dinner to Gen. Corbin will take place, under the decorative supervision of Thomas Young, Jr. The red, white and blue effect on the tables will require large quantities of Meteor, Kaiserin and violets.

At David Clarke's Sons, on Broadway, the immense floor space and basement seem none too large for the display of stock in preparation for the holiday trade. The windows are already gay with cyclamen, heather and Begonia Gloire de Lorraine. Dreer's new pandanus seems to be a great favorite here. A light basement is utilized as a conservatory. An average of nearly a wedding a day indicates the trend of trade.

The novelty of Pompaeian jardinieres and baskets at the Ansonia store of Warendorff is much in evidence. Several of the Broadway bon ton stores will handle this original conception. These are the days of novelties, and some attractive creations are ready for their debut as Christmas approaches.

Hanft Bros., of Madison avenue, had a large wedding at the Savoy, November 25, the Schumacher-Harbhold nuptials. Fifteen tables were handsomely decorated with white roses and chrysanthemums. This firm sent a grand wreath of orchids and valley for the funeral of J. C. Gracy.

Geo. M. Stumpp made a splendid decoration at the Holmes-Crimmons wedding, on last Wednesday, one of the most elaborate of the year.

An epidemic of bronchial troubles seems to have full sway in the wholesale district, some of the very best talkers scarcely speaking above a whisper.

W. Ghormley has been having a siege with his old rheumatic enemy, but is again on deck, none the worse for a ten days' encounter.

Geo. F. Kruse, of Greenville, N. J., 62 years of age, was buried on Monday. He was highly respected and his bereaved family is tendered the sympathy of the trade. Mr. Horan handled the stock he shipped to the New York market.

On Saturday one of the best known gardeners of the east, George Cottam, joined the silent majority. Few men in their time were more popular, and many of his old-time friends attended the funeral services at St. Andrew's church, Yonkers, on Tuesday evening. He was a member of the New York Florists' Club.

Carl Jurgens, Jr., of Newport, was in the city on Monday.

The new Science church, the grandest church edifice in America, built at a cost of $1,185,000, was dedicated on Sunday. The decorations were most beautiful and every room showed evidence of the florists' art. The grounds around the church were completed in the summer and made beautiful by Wadley & Smythe.

The Academy of Music, Brooklyn, was destroyed by fire on Monday, entailing a loss of nearly a million dollars. A great dinner to Senator McCanen was to have been given there in the evening. John Wier & Son had a great quantity of palms and dozens of cases of wild smilax already installed when the suddenness of the conflagration swept everything away. A force of twenty men and women from Mr. Wier's were in the building and barely escaped, thanks the guidance of John Wier, Jr., whose knowledge of the exits enabled him to pilot the frightened people to safety.

John Young is handling a large number of orchids and seems to always have an abundant supply. On Monday he shipped 200 sprays of oncidiums to one house in Philadelphia. His window is brilliant with a sample bank of Wards' Begonia Gloire de Lorraine, of which he expects to handle a large quantity for Christmas.

C. W. Ward, of the Cottage Gardens, has now the carnation that has so long been sought for. On Saturday he sent to John Young twelve blooms of his scarlet seedling and it created a sensation in Twenty-eighth street. All the buyers who saw it declared it to be the best scarlet carnation that has ever been introduced. Chas. Thorley bought these twelve flowers at once for 50 cents each and declared it to be "the finest carnation he had ever seen." Mr. Young has already several offers from prominent retailers who desire to control the blooms of this gem. Mr. Ward is certainly to be congratulated on producing this magnificent flower and a brilliant future for it is assured. For size, fragrance, strength and beauty it is par excellence.

I notice that John Birnie has received credit for skill in disposing of plants at auction in the absence of Mr. Elliott, who was "serving his country," and while I am conscious of Mr. Birnie's ability to accomplish anything he undertakes, it was John Bemis to whom credit is due. Kindly correct, as I want to make it safe to attend the next meeting of the Florists' Club on Monday, December 14, and John Birnie will be there.

This meeting is one of special interest. The new officers will be elected. The exhibit of flowers will include some splendid novelties and the old year will receive fitting farewells in speech and song and "the cup that cheers." That should insure a fine attendance.

The breath of the north woods will soon dominate the atmosphere on the river front, where millions of Christmas trees will usher in the festive holiday season. Next week will see West street a forest of evergreens.

Dimmock's address is now 31 Barclay street, with Suzuki & Iida.

C. W. Ward was in the city on Saturday, with samples of some of his season's seedling carnations. His southern trip bore fruit in his election to the vice-presidency of the K. C. & N. W. R. R. of West Virginia.

J. AUSTIN SHAW.

BUCYRUS, O.—F. J. Norton says 'mums have been fine and brought fair prices. Roses, carnations and violets are doing well.

KALAMAZOO, MICH.—G. Van Bochove & Bro. have rented a part of the C. W. Cook & Co. drug store for a down-town salesroom for cut flowers.

SIBLEY, ILL.—J. K. Postma reports his boiler badly rusted out and he has sustained considerable loss since cold weather came on. He is now putting in a fifty horse-power boiler.

OLEAN, N. Y.—The most notable use of flowers here this season was for the reception for a debutante, where Mrs. F. H. Johnson had charge of the decoration. Asparagus and palms were used and pink chrysanthemums, with Bridesmaid roses and violets.

ORDERS. Call on us for ANYTHING SEASONABLE.

Plenty fine Beauties. Brides and Maids of extra quality. Carnations very fine. "Green Goods" for all requirements at any time.

WRITE US YOUR NEEDS TO-DAY.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

Cattleyas, $7.50 per doz.

AMERICAN BEAUTY,	Per doz.
36-inch stem	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$3.00 to $8.00
Meteors and Gates	3.00 to 8.00
Liberty	4.00 to 10.00
Carnations	2.00 to 4.00
Violets	1.25 to 2.00
Valley	4.00
Paper Whites	3.00
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns...per 1000, $1.50	.20
Galax, bronze, per 1000, $1.25	.15
" green, " 1.00	.15
Adiantum	1.00
Smilax ...per doz., $1.50	10.00
Leucothoe sprays	.75

Subject to change without notice.

Mention the Review when you write.

Write for Free Sample

BOX = WOOD SPRAYS

$15.00 100 lbs.

Pittsburg Cut Flower Co. Ltd.

Wholesale Florists

504 Liberty Ave., PITTSBURG, PA.

Roses, Valley, Beauties, Carnations.

Mention Review when you write.

PITTSBURG.

The Market.

Thanksgiving trade was good and came up to all expectations with the store men, but the growers and retail florists who have stands outdoors complain and say business was not good. The weather, which was cold but very pleasant, had a bad effect on business with the sidewalk merchants. Summing up the general amount of business, I believe all will agree that business is gradually increasing and we are not feeling the depression in our stock market as much as we expected. Business is ahead, so far this season, with the corresponding time of last year.

The majority of flowers received last week were chrysanthemums. The wholesale places were loaded down with them; every grower had plenty and all seemed to ship at one time. Nevertheless the queen of autumn held its own and on Thursday morning the wholesalers were cleaned up very nicely. The shortage of supply in carnations and roses stimulated a demand for mums, which were sold at reasonable prices, ranging from $6 to $15 per 100. Some of the fancy brought $20 and $25.

Carnations were scarce and not nearly enough to supply the demand. Roses were also short in supply, especially Brides. Quantities of American Beauties arrived Wednesday, of which the quality was extra fine, but the demand was limited. A fine lot of longiflorum lilies of the gigantic type are now in the market and meet with good sale.

The new additions are baby primroses, Roman hyacinths, Paper White narcissi, sweet peas, candytuft, sweet alyssum and stevia.

Violets both double and single varieties are now to be had in unlimited quantities. The demand for chrysanthemums since Thanksgiving has fallen off very noticeably and their existence after that day is not very desirable.

Various Items.

The Pittsburg Cut Flower Co. is showing some very choice boxwood sprays. Mr. Langhans reports a big demand for this pretty green, which is such an indispensable article at Christmas.

Ben Elliott is cutting fine Paper White narcissi.

Charles Koenig, of the Pittsburg Rose & Carnation Co., reports that the stock at Bakerstown is in fine condition and the prospect for a good cut for Christmas.

C. T. Siebert has a new delivery wagon.

Wm. Loew, our local green goods man, lost $400 worth of his goods by fire. His loss is fully covered by insurance.

It is just one year since John Herron, late assistant superintendent of Allegheny parks and a man known to all and respected by all local florists, was carried to his last long sleep. The occasion was fittingly remembered by one of his former associates in the park by depositing a wreath of flowers upon his grave. May his memory be long kept green.

The craft also extend their heartfelt sympathy to Frank Schoen, who lost his wife November 27.

Visitors: George L. Stiles, Oklahoma City, Okla.; Martin Reukauf, of Philadelphia; Arthur Langhans, Wheeling, W. Va. Hoo-Hoo.

CONSIGNMENTS CARNATIONS WANTED.

Best market price and sales assured. Address No. **4,** care Florists' Review, Chicago.

A CHRISTENING.

John Breitmeyer's Sons, Detroit, have issued the following:

"You are cordially invited to be present at the christening of our new rose, at Hotel Cadillac parlors, Saturday afternoon, December 5, 1903, at four o'clock."

CHRYSANTHEMUM SOCIETY.

Work of Committees.

New York, November 21.—American Beauty; Japanese incurved, magenta, with silvery reverse, shown by H. Molatsch, Brooklyn, N. Y., scored commercial scale 86 points. Also a variety said to to be a sport from Viviand-Morel, shown by F. Backofen, Paterson, N. J. The committee believed the variety to be Eda Prass.

Chicago, November 21.—Dr. Englehardt, type of Col. Appleton, pink, shown by F. R. Pierson Co., Tarrytown, N. Y., scored commercial scale, 86 points. (This is the variety Dr. Enguehard.)

Philadelphia, November 21.—Dr. Englehardt, pink, Japanese, incurved, shown by F. R. Pierson Co., Tarrytown, N. Y., scored commercial scale 86 points, exhibition scale 86 points. (This is the variety Dr. Enguehard.)

FRED H. LEMON,
Secretary.

KALAMAZOO, MICH.

Thanksgiving Trade.

The volume of trade done during Thanksgiving week was about the same as last year, and prices ruled much the same. The supply of roses was good and the quality excellent. Beauties were fine but rather scarce. Carnations fell far short of the demand, the crops being a good two weeks behind. Most of the growers are evidently reserving their best efforts for the Christmas holidays. Violets were good but not overplentiful. Of green, such as smilax, asparagus, adiantum, etc., there was an abundance. Mums were nearly past but anything fresh sold readily at good prices, especially in pot plants.

The prices ruled somewhat as follows:

Beauties, wholesale, $1.50 to $4 per doz.
Beauties, retail, $2 to $6 per doz.
Teas, wholesale, $6 to $7 per 100.
Teas, retail, $1 to $1.50 per doz.
Carnations, wholesale, $2 to $4 per 100.
Carnations, retail, 50c, 75c and $1 per doz.
Violets, wholesale, $1.50 per 100.
Violets, retail, 25c per doz.
Mums, wholesale, $2 to $4 per 100.
Mums, retail, 50c to $1 per doz.

News Notes.

The Dunkley Floral Co. reports a trade that compares favorably with that of last year, selling out clean on roses and carnations.

G. Van Bochove & Bro. are well satisfied with the trade done. They, like the rest, were short on carnations, the quality being excellent, their fancies retailing easily at $1 per dozen. For the convenience of their city customers and to accommodate their increasing trade, they have opened a store in the business part of the city, which they have thoroughly equipped with up-to-date improvements, including the newest pattern of refrigerator, telephone, etc. In the basement they are building a commodious cool room on the most approved principles. Their opening display was very showy, the arrangements being very tasteful.

Reports from the east and north sides are equally good. R.

GINSENG.

At the present time many of the agricultural papers of the country are advertising and recommending that farmers grow ginseng, and those who have ginseng seed or roots for sale are sending their circulars broadcast over the land, telling of the wonderful profits which are to be secured by all who grow ginseng. While we do not wish to in any way injure the business of any one, yet we do wish to warn the farmers of Connecticut against investing heavily in ginseng.

Without doubt some few have made money on ginseng, but for one man who has made money, one hundred have lost all the money they have put into it. The amount of profits which we are told can be realized upon one acre is simply startling; but when it is known that these profits are never realized except theoretically, it becomes a different proposition. I have investigated carefully the ginseng industry in central New York, having visited many gardens, and I am certain that there is no profit whatever for the ordinary farmer.

If one desires to purchase a few ginseng seeds, or better yet, a few ginseng roots to experiment with, he will probably receive information enough to pay him for the money expended, but he should not be disappointed if he receives no financial returns from his investment, and he should charge up the money spent as tuition for his education.

Let the other fellow make the profit on ginseng. L. A. Clinton.
Director Storrs Agricultural Experiment Station.

PROPAGATING THE POTATO.

Nothing but praise and that of the very highest is forthcoming for this admirable potato, Northern Star, says a writer in the Gardener's Chronicle. Whether or not it will retain the high character formed of it is doubtful when we consider the means taken to propagate it. Many tons will be sold this season, which will be the produce of propagation by cuttings, and although probably the crop so produced will give satisfaction to the grower this season, I maintain and from experience state that this system is wrong, and can only have one ending—rapid degeneracy. Referring to this method Mr. Findlay says: "That everything possible should be done to put a stop to this pernicious innovation." Surely a warning like this from such an expert will doubtless decide many purchasers to ask for a guarantee, when procuring seed of this fine variety, that the crop was grown from tubers and not from cuttings.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As foreman or manager, 18 years' practical experience in wholesale and retail. Apply stating wages, size of place, etc., to Florist, Box 373 Trinidad, Colo.

SITUATION WANTED — By first-class assistant under glass; private place preferred. Address H. H., care Bridgeman's Seed Store, 37 East 19th St. New York.

WANTED—At once first-class Beauty grower. No other but first class man need apply. Address John Munro, 51 Wabash Ave., Chicago.

SITUATION WANTED—By a single, sober, experienced florist inside of Illinois Address No. 2, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; as rose and carnation grower specially; age 35; single; with 20 years of experience in all branches of floriculture; state wages. Address No. 1, care Florists' Review, Chicago.

SITUATION WANTED—By young man 26 with 5 years' experience in florist work besides other gardening experience; in or near Chicago preferred. Address No. 3, care Florists' Review, Chicago.

SITUATION WANTED—In florist's store by a young lady who has had 6 years' good, practical experience; excellent references. Prefer a large place where there is plenty of business and a chance for advancement. Address No. 212, care Florists' Review, Chicago.

WANTED—A bright hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first class salesman. Address, with references as to ability and character, stating wages desired, No. 205, care Florists' Review Chicago.

FOR RENT — Lower tenement of dwelling house, 6 rooms, steam heat, hot and cold water. Three greenhouses, each 100 ft long; barn; plenty of land; greenhouse rent free until April 1st; possession at once. Address P. O. Box 1329 Pittsfield Mass.

SITUATION WANTED—By young single man experienced as assistant florist; good reference; state terms. Address Newton, 2025 Harlem ave., Baltimore, Md.

FOR SALE—Two acres of land in the best business city in the Northwest. Good dwelling house; greenhouse 20 x 60 feet; a large spring of running water. Splendid opening for a florist. No competition nearer than 60 miles. For further information address 1802 West Webb Street, Pendleton, Oregon.

FOR SALE—Well established greenhouses of 10,000 feet of glass and well filled with carnations and potted plants; over 2½ acres of land; fine dwelling and in every way complete. In a boom town. Reason for wanting to sell on account of ill health. Address for particulars, No. 214, care Florists' Review, Chicago.

SITUATION WANTED—By working foreman; grower of cut flowers; roses and carnations a specialty; 26 years of age; married; 13 years' experience; or would rent a place of 10 000 sq ft. of glass; have $400.00 to invest in a good paying business. Address No. 215, care Florists' Review, Chicago.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

WANTED — A reliable all around store man; one having ability to decorate and design; permanent position. State salary and reference. William L. Rock Flower Co, Kansas City, Mo.

WANTED—Florist to grow pot plants and cut flowers, and take charge 6 000 feet glass; single, price $40.00 with room. Address No. 192, care Florists' Review, Chicago.

FOR SALE—New greenhouse material as follows: New 2-in. black pipe, long lengths, 10 cts. per ft.; 6 x 8, 50 ft. boxes, American glass, single, $2.25 per box; 6 x 8, 50 ft. boxes, American, double, $2.70 box; 6 x 8, 100 ft. boxes, French, single, $4 00 box; 8 x 10 single French glass, $4.50 per 100 ft. box; 12 x 14, 16 x 18, 14 x 14, 50 ft. boxes, American glass, double, $3.60 box; 12 x 12, 10 x 14, 50 ft. boxes, American glass, single, $2.40 box. Clear gulf cypress greenhouse material, and everything for building. Send for prices. S. Jacoba & Sons, 1365 to 1375 Flushing Ave., Brooklyn, N. Y.

WANTED.

An all-around man to manage retail store in Chicago. Large established business. Applicant must not be over 35 and able to handle every sort of work in a first-class store. Address, with full particulars, No. 210, care Florists' Review, Chicago.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health.

JAS. RICHARDSON, London, Ohio.

FOR SALE.

One single open delivery wagon; will also dispose of horse and harness.

FLORIST,
50 West 29th St., New York City.

FOR SALE

On account of giving up business, a lot of nice plants of **Asparagus Plumosus Nanus, Asparagus Sprengeri, Boston Ferns, Aspidistras** and **Crimson Rambler Roses.** For prices address:

CHAS. P. GULICK,
Riverside Greenhouse,
KINGSTON, : : : : : NEW JERSEY.

A RARE BARGAIN.

For Sale. Four large Greenhouses, 10,000 feet, 10 by 15 double thick glass, all well stocked with Carnations, Smilax, Mignonette, Sweet Peas, Plumosus, Sprengeri, Violets, etc. Nicely located on two railroads and trolley; close to depot. Large packing shed, 20 by 24 feet; one-half of houses new, the other half good as new. A large paying retail and wholesale cut flower and plant trade established; no opposition; running from 2000 to 3000 feet of hotbeds and cold frames; sash for same, double thick glass. All in best of shape and in good running order. Connected with the same a 14-room double frame dwelling house, good as new; two wells of water; windmill and reservoir connected; electric lights all over the place. Hot water used for heating. Will sell at a bargain. 35 miles from Philadelphia, on Baltimore Central R. R. To any one with a small capital it is a grand opportunity for investment. Health failing. Possession given of everything at close of sale. One-fifth of purchase money can remain in the property. Any one desiring to examine the premises will be welcomed and particulars made known by

E. J. CLOUD, Florist,
L. B. 32, Avondale, Chester Co., Pa.
United Keystone Phone No. 9.

For immediate and future deliveries we are offering

The Best Selected, Well Berried **HOLLY,** Exceptionally Choice Stock.

One to ten cases, $4.00. Ten cases or more, $3.50. Special prices on large quantities.

MISTLETOE, $5.00 to $10.00 per case. 3.50 to 5.00 per barrel.

Christmas Berries, Small cases, $2.50 Medium cases, 3.50 Large cases, 5.00

Lycopodium, Laurel Wreathing, Box Wood, Wild Smilax, etc.

Holly Red Ribbons for Christmas, 25c to 85c per piece.

Christmas Bells, Chenille or Immortelles. No. 1—5½-inch, $6.00 per doz. No. 2—6½-inch, 9.00 " No. 3—8-inch, 12.00 "

SAMUEL S. PENNOCK,

1612-14-16-18 Ludlow Street, **PHILADELPHIA, PA.**

CLEVELAND.

Thanksgiving trade was fair in all lines, with plenty of all kinds of flowers to fill the orders. Chrysanthemums, as usual, had first place, and many grand flowers were seen in the down-town stores. Carnations seemed to have a better call than roses, and the first part of the week were very scarce, but on Wednesday most orders for them were filled satisfactorily. Roses, with most growers, were off crop, and also off color, and not as good as they might have been. Prices advanced on Tuesday and are still held at $3 to $8 for roses, $2 to $4 for carnations, 75 cents to $1.50 for violets, and $8 to $20 for chrysanthemums. Some very nice Beauties were offered at from $1 to $5 per dozen, according to quality.

Smith & Fetters, Wagner, Eadie, Gasser, Westman & Getz and the Grant-Wilson Company all had elaborate and very attractive window decorations, and all report a good trade. The growers who retail at the greenhouses were well satisfied with the business done, while the market people did not fare quite so well, owing to the stormy weather.

Some very nice Paper White narcissi were seen last week at the F. R. Williams Co.'s store. They were grown by Mr. Braund, who forces a large quantity of bulb stock each year.

H. R. Carleton, of Willoughby, is sending in some very nice violets, and his dagger fern is fine.

The weather for the past week has been cold and cloudy, with lots of snow and good sleighing on Thanksgiving day, but it has made quite a hole in the coal pile, as it has been steady firing night and day. E.

Kennicott Bros. Co.

WHOLESALE FLORISTS,

40, 42 AND 44 RANDOLPH ST., **CHICAGO, ILL.**

Current Price List.

	Per doz.
BEAUTIES—30-36-in.	$3 00 to $4 00
" 20-24-in.	2 50
" 15-18-in.	1 50 to 2 00
Short Stemmed	75 to 1 00

	Per 100
BRIDES	$4 00 to $7 00
MAIDS	4 00 to 7 00
GATES	4 00 to 6 00
METEORS	5 00 to 10 00
PERLES	4 00 to 6 00
LIBERTY	5 00 to 12 00

ROSES, our selection, $3.00 per 100; $20.00 per 1000.

	Per 100
CARNATIONS, com.	$2 00
" fancy	$3 00 to 5 00
VIOLETS	1 25 to 2 00
VALLEY	2 00 to 4 00
Asparagus strings	35 00 to 50 00
Asparagus Sprengeri	2 00 to 4 00
SMILAX	12 50 to 15 00
CALLAS	1 50
COMMON FERNS— per 1000	$2 00 25
GALAX, per 1000	1 25

Don't place your order just because a house makes a big noise. Why not remember

J. A. BUDLONG

WHOLESALE GROWER AND SHIPPER OF CUT FLOWERS,

37-39 Randolph St., ...CHICAGO.

We don't make a big cry but WE HAVE THE STOCK. From extra select down to the cheapest.

Mail or telegraph orders promptly taken care of. Place your regular order now and look to us for your Christmas supply.

Mention the Review when you write.

HARTFORD, CONN.

Thanksgiving trade cleaned up everything except chrysanthemums, which held out through it all. The cold snap has stiffened up the price on carnations and, with the many receptions taking place, trade in general has assumed a more healthy tone.

A number of down-town stores, after a brief existence, have closed, leaving the field to the old guard, Coombs, Spear, Welch, McClunie and Munsell.

The South End Greenhouses, formerly run by W. A. Power, have been reopened by a son of J. G. D. Newton, of the Park Street Greenhouses.

John Coombs made liberal use of paint last summer, making his rose houses look like new. A look over his store shows everything in shape and from the stock of paper boxes, a heavy trade is anticipated.

Genial Joe McManus, at Spear's, is authority on the correct thing in color, style, make-up, etc. "Yes, madam, this is the very latest and highly exclusive." So it goes, as there is no appeal from Joe's decision.

A visit to Mr. Welch's place found everything span clean, although it was learned that he was at home sick.

L. A. Clinton, Director of the Storrs Agricultural Experiment Station, this state, has called attention to the deceptive character of much of the literature on ginseng culture. The article strikes at the root of a matter that has long seemed to need scientific investigation.

O.

Could not keep house without The Review.—E. E. Allen, Blairsville, Pa.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTIES—	Per doz.
Extra long stem	$5 00
30 to 36-inch	4 00
20 to 24-inch	$2 50 to 3 00
15 to 18-inch	1 50 to 2 00
Short stemmed	75 to 1 00
	Per 100
Bride	$4 00 to $8 00
Maid	4 00 to 8 00

	Per 100
Golden Gate	$4 00 to $8 00
Perle	3 00 to 6 00
Ivory	4 00 to 8 00
Liberty	4 00 to 10 00
La France	4 00 to 10 00
Meteor	4 00 to 8 00
ROSES—our selection	4 00
Carnations	2 00 to 4 00

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Let us book your order for

Christmas Roses, NOW,

and assure yourself a supply of GOOD FRESH CUT Stock.

Prevailing Market Prices.

HELLER BROS., New Castle, Ind.

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LEO NIESSEN. WILD SMILAX.

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

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Clearance Sale. HYACINTHS and TULIPS. Exceptional Value.

To induce QUICK SALE we make this UNUSUAL OFFER.
THE QUALITY IS UNSURPASSED.

	Per 100	Per 1000	Regular Price
SINGLE DUTCH HYACINTHS, red, white, blush white and blue (75 per cent. white)	$2.25	$20.00	$27.00
DOUBLE DUTCH HYACINTHS, red, white and blush white	2.25	20.00	28.00
TULIPS—SINGLE SUPERFINE MIXED, composed of named sorts and worth more than double what we ask	.75	6.00	
TULIPS—DOUBLE SUPERFINE MIXED, composed of named sorts and worth more than double what we ask	.75	6.50	
CROCUS, YELLOW, selected	.35	2.50	3.50
FREESIA REFRACTA ALBA, selected	.30	2.50	5.00

Write for Florists' Wholesale List.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention the Review when you write.

If you want Beauties and Carnations, write, phone or wire **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., PHILADELPHIA.

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Peter Reinberg

51 Wabash Ave., CHICAGO.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

		Per Doz.
AM. BEAUTIES, ex long stems,		$5.00
" " 30-36 in. stems,		4.00
" " 26-24 "	$2.50 to	3.00
" " 15-18 "	1.50 to	2.00
" " Short stems...	.75 to	1.00

	Per 100
CHATENAY	$4.00 to $10.00
LIBERTY	4.00 to 10.00
SUNRISE	4.00 to 8.00
BRIDE	4.00 to 8.00
BRIDESMAID	4.00 to 8.00
GOLDEN GATE	4.00 to 8.00
PERLE	3.00 to 6.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

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Wholesale Florists,

QUEENS, - L. I., N. Y.

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The F. R. Williams Co.

Wholesale Florists...

CLEVELAND, - OHIO.

Mention the Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 2.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Extra	4.00
" No. 1	2.00
" Shorts	1.50
Queen of Edgely, No. 1	3.00 to 4.00
" " " No. 2	2.00 to 2.50
" " " No. 3	1.50

	Per 100
Bride and Bridesmaid, No. 1	8.00 to 10.00
" " No. 2	3.00 to 6.00
Golden Gate, Firsts	6.00 to 10.00
" " Seconds	3.00 to 4.00
Kaiserin, Firsts	8.00 to 10.00
" Seconds	3.00 to 6.00
Liberty, Firsts	15.00 to 25.00
" Seconds	5.00 to 12.00
Meteor, Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Perle	4.00 to 6.00
Sunrise	5.00 to 8.00
Ideal	5.00 to 10.00
Orchids—Cattleyas	40.00
" Cypripediums	15.00
" Dendrobium Formosum	40.00
Carnations, Commons	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri " bunch	.25 to .50
Chrysanthemums, Ordinary	4.00 to 10.00
" Fancy	15.00 to 30.00
Daisies, Common White	.50 to .75
" Yellow	1.00 to 1.50
Easter Lilies	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
" Fancy	3.00 to 4.00
Narcissus, Paper White	3.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.50
Violets, Single	.40 to 1.00
" Double	1.00 to 1.50
Bouvardia	2.00 to 3.00
Hyacinths, Roman	3.00 to 4.00
Lilac, $1.00 per dozen.	
Poinsettias, $1.00 per dozen.	

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Heliotropes, Mums, Violets.

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9-inch, $3.00 to $3.50 each; 10-inch, $4.50 to $5.00 each. Also smaller sizes.

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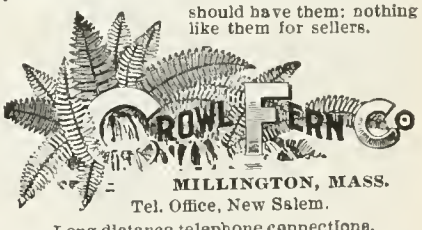
Fancy & Dagger Ferns

$1.00 per 1000.

Discount on large orders. Galax, bronze or green, new crop, 75c per 1000. Laurel Festooning, best in the world, 4c, 5c and 6c per yard—once used, always used. Southern Smilax, $5.50 per case, 50 lbs. Try it when you want Smilax. Bouquet Green, No. 1 stock, $6.00 per 100 lbs.; also made into Wreaths and Roping; write for prices. Laurel Wreaths for Xmas; everyone should have them; nothing like them for sellers.



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Wholesale Cut Flower Prices.

New York, Dec. 2.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 35.00
" No. 1	6.00 to 12.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 15.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 10.00
Liberty	4.00 to 25.00
Meteor	3.00 to 10 00
Cattleyas	35.00 to 60.00
Cypripediums	10.00 to 12.00
Dendrobium formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 3.00
" Fancies	3.00 to 5.00
" Novelties	4.00 to 8.00
Adiantum Cuneatum	.50 to .75
Asparagus plumosus, Strings	25.00 to 50.00
Chrysanthemums	6.00 to 25.00
Daisies	.75 to 1 00
Callas	6.00 to 8.00
Lilium Harrisii	5.00 to 8.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	.50 to 1.00
Smilax	6.00 to 10.00
Stevia, Bunch	.12 to .15
Violets, ordinary	.50 to 1.00
" extra	1.50 to 1.50
" specials	1.50 to 2 00

The past week seems to bear out the prophecy that the tide has turned. The prices quoted above confirm it. Clear cold weather, scarcity of the best quality stock and the brilliancy of the opera season have combined to put new life in the cut flower trade. Thanksgiving arrived at a most opportune time and unless all signs fail the clouds have certainly rolled by.

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Wholesale Cut Flowers and Supplies.
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Shippers of Choice Cut Flowers and Greens of all kinds. Try us.

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John J. Perkins

WHOLESALE and COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Telephone No. 958 Madison Sq.

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Quick Returns to Shippers.
Highest Market Prices Guaranteed.

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Bronze or Green, 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

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Wholesale Cut Flower Prices.

Buffalo, Dec. 2.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	25.00 to 30.00
" No. 1	10.00 to 20.00
Brides and Maids, Extra	8.00
" " No. 1	5.00 to 6.00
" " No. 2	2.00 to 4.00
Carnot	2.00 to 8.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 8.00
Mrs. Morgan	2.00 to 6.00
Perle	3.00 to 5.00
Sunrise	2.00 to 4.00
Orchids—Cattleyas	50.00 to 60.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 6.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	10.00 to 12.50
Camellias	4.00 to 5.00
Chrysanthemums, Ordinary	3.00 to 8.00
" Fancy	10.00 to 20.00
Lil. Harrisii	15.00
" Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Mignonette	2.00 to 3.00
Smilax	10.00 to 15.00
Sweet Peas	.50 to 1.00
Violets, ordinary	.60 to .75
" extra	1.00 to 1.25
Galax	.10 to .15
Leucothoe	.50 to .75
Common Ferns	.10 to .15

WE have sold all the roses we had for sale. Your paper certainly brings results.—TEXAS SEED & FLORAL CO., Dallas, Tex.

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Wholesale Cut Flower Prices.

Chicago, Dec. 2

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts	1.00

	Per 100
Bridesmaids, Specials	$6.00 to $8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	5.00 to 7.00
Carnot, Firsts	6 00 to 10.00
" Seconds	4.00 to 5.00
Ivory, Firsts	5.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Perles, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Carnations, Fancy	3.00 to 5.00
" Commons	2.00
Violets	1.25 to 2.00
Paper Whites	3.00
Easter lilies, $2.00 doz.	
Callas, $1.50 per doz.	
Valley	3.00 to 4.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax	$1.25 to $1.50 per doz.
Common ferns, per 1000, $2.00.	
Galax Leaves, $1.00 to $1.50 per 1000	

Baltimore, Dec. 2.

	Per 100
Am. Beauty	$15.00 to $20.00
" " Shorts	3.00 to 8.00
Bride and Bridesmaid	4.00 to 8.00
Golden Gate	4.00 to 8.00
Liberty	4.00 to 6.00
Magna Charta	3.00 to 6.00
Perle	3.00 to 5.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus plumosus, Sprays	2.00
" Sprengeri, Sprays	2.00
Callas	6.00 to 8.00
Lily of the Valley	3 00 to 4.00
Stevia	.15 to .20
Violets	.40 to .50

Cold weather, with reduced production, has stiffened demand and prices. Chrysanthemums are about over. Carnations are scarce and good roses not in excess of demand. Monday night the first german of the season made a heavy call for choice stock.

"Our advs. in your paper this year have certainly been most satisfactory in results."—Grand Rapids Violet Co., Grand Rapids, Mich.

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Wholesale Growers of
LILIES a Specialty **Cut Flowers**
Can supply every day in the year.
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Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
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Wholesale Grower of Cut Flowers.
Special attention given to Hardy Cut FERNS.
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37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
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WIETOR BROS.
Wholesale Growers of.. Cut Flowers
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Fresh Stock always ready for orders.
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1,000,000 FANCY FERNS, $1.00 per 1000. 200,000 Bronze GALAX, $1.00 per 1000 in 5000 lots; $9.00 per case of 10,000.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Pittsburg, Dec. 2.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	2.00 to 6.00
Brides and Maids, Specials	8.00
" " " Extra	5.00 to 6.00
" " " No. 1	3.00 to 4.00
" " " No. 2	1.50 to 2.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Kaiserin	2.00 to 4.00
Liberty	2.00 to 12.00
Meteor	2.00 to 8.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancy	3.00 to 4.00
" Prosperity	5.00
" Enchantress	5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 3.00
" Sprengeri, Sprays	2.00 to 3.00
Callas	6.00 to 10.00
Chrysanthemums, ordinary	5.00 to 10.00
" fancy	12.00 to 15.00
Daisies	1.50
Hyacinths, Roman	2.00 to 4.00
Lilium Longiflorum	12.00 to 15.00
Lily of the Valley	4.00
Mignonette, ordinary	2.00 to 3.00
" fancy	4.00
Narcissus, Paper White	4.00
Pansies	2.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Violets, ordinary	.25 to .75
extra	1.00 to 1.50

Cincinnati, Dec. 2.

	Per 100
Beauties, Specials	$40.00
" Extra	$25.00 to 35.00
" No. 1	15.00 to 20.00
" Shorts	8.00 to 10.00
Brides and Maids, Specials	8.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Cusin	2.00 to 6.00
Golden Gates	3.00 to 8.00
Liberty	3.00 to 12.00
Meteor	3.00 to 8.00
Perle	2.00 to 6.00
Sunrise	2.00 to 8.00
Carnations, Commons	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	8.00 to 12.50
Chrysanthemums, ordinary	8.00 to 15.00
" fancy	20.00 to 35.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	.50 to 1.50

C. A. KUEHN

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The Florists' Manual

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If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

St. Louis, Dec. 2.

	Per dozen
Beauties, Specials	$4.00 to $5.00
" Extra	2.00 to 3.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.50 to 5.00
" " No. 1	2.00 to 3.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	5.00 to 6.00
Meteor	4.00 to 6.00
Perle	4.00 to 5.00
Sunrise	4.00 to 5.00
Carnations, Selects	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Bouvardia	2.00 to 3.00
Callas	12.50 to 15.00
Chrysanthemums, ordinary	3.00 to 5.00
" Fancy	12.50 to 15.00
Hyacinths, Roman	2.00 to 4.00
Lily of the Valley	4.00 to 5.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Stevia	1.00 to 1.50
Sweet Peas	.75 to 1.50
Violets, ordinary	.35 to .50
extra	.75 to 1.00
Galax	.15
Common Ferns	.15

BLOOMINGTON, ILL.—George A. Washburn read a paper on bulbs, indoors and out, before the recent meeting of the Central Illinois Horticultural Society.

POUGHKEEPSIE, N. Y.—Thomas Devoy & Sons have a new geranium named Telegraph which was certificated at the recent show and which will be disseminated next year. It is a very robust grower and profuse bloomer.

YOU may count me as a subscriber so long as I am in the business.—A. A. WOOD, Salida, Colo.

I CANNOT do without the REVIEW, as it is the best guide as to where to buy stock, and if I have anything to sell I can't do better than to advertise in the REVIEW.—E. O'NEIL, Wheeling, W. Va.

FRANK M. ELLIS, WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF.... SELECT VALLEY and AMERICAN BEAUTIES

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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Out-of-town orders of all kinds given careful and prompt attention.
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Shibeley The Florist,
311 SUTTER ST., SAN FRANCISCO, CAL.

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DETROIT, MICH.

ALBANY and NEW YORK
or any place between
SALTFORD
at POUGHKEEPSIE
Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

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FLORISTS,
1610 to 1620 N. Illinois St., Indianapolis, Ind.

A. GUDE & BRO.
1224 F Street, Northwest,
Washington, - D. C.

The J. M. Gasser Company,
EUCLID AVENUE. CLEVELAND, OHIO.

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J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity
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Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the North west will be properly executed by
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WILLIAM L. ROCK,
FLORIST,
1116 Walnut St., Kansas City, Mo.

Clarke Bros.
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Manufacturers of these special qualities used by discerning florists throughout the country:

MONARCH—Satin Taffeta—CLIMAX.
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(CONTINUED.)

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,
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J. J. Beneke,
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Mrs. Chas. Eickholt,
2319 AVENUE M, Galveston, Tex.

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Florists' Review
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CINCINNATI.

The Market.

Thanksgiving brought out a very good trade for the wholesale houses. There was all kinds of stock, even carnations coming in much larger quantities than was anticipated. But the majority of the retailers say that business was not what it might have been. There was not much call for high grade stock. Medium mums and ordinary roses and carnations sold best. The flower market was loaded with cheap flowers of all kinds and the general report is that trade was poor.

Since Thanksgiving the demand has dropped off a great deal and business is only fair. Chrysanthemums of all kinds are scarce, as many growers have cut out their entire stock and others have but a few late ones left. Carnations are scarce and prices rule high. Roses are about equal to the demand. American Beauties are plentiful. Violets have been doing fine all this season, but now the demand for them is light. There is a good demand for valley and some fine stock is to be had. A few narcissi are seen now and then and they sell readily at $4 per 100.

Notes.

Chas. Jones, of the Walnut Hills Floral Bazaar, had the most elaborate wedding decoration that has been seen in this city for many years. White chrysanthemums were the main flowers used, with great quantities of wild smilax and many large decorative plants.

Ben George is raising some whiskers in true English style. Ben is an Englishman by birth and now, for the first time, he is showing his ability to cultivate the distinctly English facial adornment.

Theo. Bock was a visitor and appeared none the worse for his illness following the Indianapolis show.

The next show to be given by the Florists' Society will be devoted almost exclusively to roses and will be held Saturday, February 13. Besides the regular premium list, the silver and bronze medals of the S. A. F. will also be competed for. C. J. OHMER.

DES MOINES, IA.

Jottings About Town.

We took a ten minute layoff the other day at J. F. Marshall's and found him and his men staking and tying up carnations and, incidentally, disbudding. His stock is looking good, some fine Lawson, good Crane and splendid McGowan. He still holds to old Lizzie because he can take more dollars from the same amount of space than with anything he has found yet. And when other growers who have thrown it out see his, they say: "I would throw out some of my White Cloud and Hill and put in McGowan if I could grow them as you do." He also has some remarkably fine seedlings now in their second and third year.

We next stopped at Julius Ledig's, about one and one-half miles farther west. Here we found him, as usual, doing two men's work. His stock is looking well for the time planted. He moved his houses from the flooded district the past summer and has a much better location now. He has three houses, I think, 16x100, 18x100 and 20x100.

We then called at a new florist's store at Seventh and Locust streets, where Miss Lillian Anderson is prepared to furnish cut flowers and floral emblems. We wish her success.

Then we dropped in at the greenhouses owned by A. Anderson, at Twenty-second and University avenue. He has leased his place to a couple of young men. The firm name is Lindgren & Lund. The boys are practical men and their roses show it. Here we saw some fine Bride, Ivory and Maid. Their chrysanthemums were extra fine and we saw some Merry Christmas that are good. They are carrying a general assortment of stock, besides a house of roses and one of carnations. Their palm house is looking good and ferns also, including Piersoni and Anna Foster. They are building another house 15x116.

We next stopped at Charles Brandtman's. He has his new place looking well. His stock is in splendid condition. He grows an assortment of stock, also Bride, Golden Gate, Maid and Wootton roses and has planted quite a lot of bulbous stock. Charles is certainly improving his opportunities.

We had expected to call on John Lambert, and have him go with us to town and have a game at the bowling alley, but our ten minutes were up.

J. T. D. F.

OMAHA.

The trade for Thanksgiving week was all we could ask. The mums were cleaned out—and at good prices. Other stock is also first-class, roses particularly having made a wonderful improvement in the past two weeks. Social activity indicates a continuation of brisk trade and with fair weather there will be no halt from this section.

The branch store of A. Donaghue will be ready for occupancy this week.

B.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

ZANESFIELD, O.—John Kinney, son of Israel Kinney, the nurseryman, died November 20 aged 25 years.

CONSTANTIA, N. Y.—Barnes & Royce have shipped nineteen cars of moss to the nurseries at Rochester, Newark and other towns.

IT is reported that C. W. Ward has the only planting of peonies on the St. Louis World's Fair grounds. His stock was planted last spring.

JOHN C. SHAW, of the Rochester Nursery Co., Rochester, N. Y., has the sympathy of the trade in the loss of his wife, who died November 27.

THE forty-eighth annual convention of the Illinois State Horticultural Society will be held at Champaign, December 16 to 18, with many nurserymen in attendance.

THE fourteenth annual banquet to the gardeners of the Missouri Botanical Garden, St. Louis, and invited florists, nurserymen and market gardeners will be held December 11.

OF shipments aggregating 10,000 fruit trees sent by outside firms to nurserymen at Tacoma, Wash. and vicinity, but 350 were rejected because of infection, which Inspector T. A. Warnock says is a new record for cleanliness.

THE pin oak, Quercus palustris, is slowly coming into its own; it is to be more largely used for street planting because of its many good qualities. There is a general opinion that it is a tree of slow growth, but this only applies to recently transplanted stock; after a year or two they will compare favorably in growth with any of the better class of shade trees.

ANOTHER park is contemplated for New York, of 4,000 acres, three times larger than the largest park within the city and five times the size of Central park. The land is on Staten island, reaching from the beach to the highlands in the center of the island and commanding a glorious view of the city and the sea. Its cost is estimated at a million and a half, a nominal sum, when the $5,000,000 paid for Central park is considered. It is proposed to call it Green park in memory of the father of Greater New York.

THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

VISITED ST. LOUIS.—Wm. A. Peterson, Chicago; S. Mendelsohn Meehan, Philadelphia.

F. S. PHOENIX, the Bloomington nurseryman, has been re-elected secretary of the Central Illinois Horticultural Society.

IT is announced that Harlan P. Kelsey and Irving T. Guild have formed a partnership for the practice of landscape architecture, with offices at 6 Beacon street, Boston.

WE cannot afford to get along without THE REVIEW.—J. W. MUNK, & SONS, Bellville, Ohio.

SUBSCRIBER should sign his real name also; it will not appear in print. And neither does any query when we do not have the name and address of the writer.

LARGE, BUSHY
HYDRANGEA
Paniculata Grandiflora.
4 to 5 feet.
$3.00 per doz.; $15.00 per 100; $120.00 per 1000.
ANDORRA NURSERIES
Chestnut Hill, PHILADELPHIA, PA.
Mention Review when you write.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
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W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
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Send to THE MOON Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 23d annual meeting will be held at St. Louis, Mo., June, 1904.

VISITED ST. PAUL.—J. B. Agnew, of Agnew, Cal.

THE Leonard Seed Co. is putting twenty more bean picking machines in its Chicago warehouse.

A CHICAGO firm, not in the seed business, has been fortunate enough to get a carload of sweet corn from somewhere in Nebraska.

IN a circular to the trade the Western Seed and Irrigation Co. names many advantages its new location at Fremont, Neb., will give it.

L. L. MAY & CO. have their catalogue well under way and it will be issued by December 15, several weeks in advance of the usual time.

ALBERT DICKINSON CO., Chicago, has bought a piece of property which makes its holding at Clark and Sixteenth streets 79x629 feet.

D. L. SLOAN, of D. L. Sloan & Son, Palo Alto, Cal., on his way home from the east, took in the International Live Stock show at Chicago, Tuesday.

VISITED PHILADELPHIA:—C. R. Kimberlin, Santa Clara, Cal.; D. L. Sloan, Palo Alto, Cal.; Mr. Bradstreet, of the Cleveland Seed Co., Cape Vincent, N. Y.

THE seedsman's life is full of trouble: Some of the cucumber growers who disposed of their crops a month ago at what was then considered a glorious price are not friendly now to the dealers who bought from them.

A QUART of cucumber seed when weighed after milling will ordinarily go sixteen ounces full. This year's crop in most cases will not weigh better than twelve ounces to the quart.

THIS week at Waterloo, Neb., the wholesale growers at that place are offering $8 per 100 pounds for Evergreen and other late varieties of sweet corn to the farmers who have crops that were not contracted.

SANTA PAULA, CAL.—Bodger & Son have shipped eight tons of tomato seed and thirteen car loads of Lima beans. The firm is shipping considerable quantities of Lima beans to New Zealand, where they have a representative this season.

WHEN a thirteen-acre patch of cucumbers, which, right up to the cutting, gave as good a promise of a full yield as anything ever could, pans out only 400 pounds of seed it is small wonder that prices are high and per cent of deliveries low.

THE Missouri Valley Seed Co., St. Joseph, Mo., filed articles of incorporation November 21, capital paid up $10,000; 100 shares, of which A. G. Samuels, former proprietor, holds forty-nine shares; Walter Cash, one share, and E. O. Weakly, fifty shares. Mr. Samuels continues in active management of the business.

FLORISTS, NURSERYMEN, AND SEEDSMEN
who read the *new* American Gardening, learn what is doing in the Public Parks and Private Places throughout the country. A large space is devoted each week to news items covering these two features.
AS AN ADVERTISING MEDIUM AMERICAN GARDENING BRINGS RESULTS.
It reaches those who spend the money; wealthy amateurs, private gardeners, and park superintendents.
Under New Management. Improved and Up-to-date.
Published weekly. $1.50 Per Year. Sample copies free.
American Gardening Co. (Inc.), 136 Liberty St., New York.

S. & W. CO.'S RUSSIAN LILY OF THE VALLEY

S. & W. Co.'s Famous RUSSIAN VALLEY.

The Genuine Russian Lily of the Valley can only be procured from us. The genuine has our trade mark registered label inside and in sealed cases only.

THERE IS NONE GENUINE WITHOUT OUR REGISTERED TRADE MARK LABEL.

Branch Store, 404 E. 34th St. STUMPP & WALTER CO., 50 Barclay St., New York.

RECENT advices from Colorado cucumber seed growers is to the effect that the crop will be much shorter than predicted some three weeks ago. They claim the seed is turning out badly and that a great many flat seeds without germs have developed. That at present no fixed percentage for delivery can be named.

THE U. S. General Appraisers have again ruled that millet seed in its natural condition is free of duty as grass seed "not specially provided for"; this in the protest of J. C. Edwards against the collector at San Francisco. A similar protest by the Dickinson Co. was sustained some years ago and has since been the guide for the Department.

THE United States Supreme Court granted a writ of certiorari yesterday to the First National Bank and H. W. Rogers & Brothers in the legal fight over seeds placed in the National Storage Company's warehouse by Alexander Rodgers. Loans amounting to $17,000 were made by those to whom the writ was granted. The case will now go to the Supreme Court.

THIS GEM IS FROM IOWA.

When the frost had hit the Punkin,
There was Sweet Corn in the shock,
And the grower's heart went flunkin',
'Cause he had no clothes to huck.

SWEET CORN TESTS.

As an indication of how the germinating strength of this year's crop of sweet corn will vary, the following result of careful tests of twelve different lots may be of interest:

Sample	No. 1 Evergreen	80 per cent
Sample	No. 2 Old Colony	5 per cent
Sample	No. 3 Hickox	70 per cent
Sample	No. 4 Evergreen	62 per cent
Sample	No. 5 Early Adams	98 per cent
Sample	No. 6 Old Colony	None
Sample	No. 7 Minnesota	78 per cent
Sample	No. 8 Old Colony	15 per cent
Sample	No. 9 White Cory	92 per cent
Sample	No. 10 Mammoth	80 per cent
Sample	No. 11 Crosby's	68 per cent
Sample	No. 12 Country Gentleman	46 per cent

HILTON, N. J.—Hausmann Bros. are growing about 60,000 pansies for spring market.

COPENHAGEN, N. Y.—John M. Lewis, the well-known gardener and florist, and Miss Ella M. Smith were married at Rodman, N. Y., November 25.

ATCHISON, KAN.—Mangelsdorf Bros. have purchased the well known Colonia de Santa Margarita ranch in Mexico, the purchase price being reported as $50,000.

QUAKERTOWN, PA.—E. J. Rawlings and Miss Agnes Matthews were married November 21. Mr. Rawlings is widely known in the trade, as he does a large business in rooted cuttings.

MILWAUKEE, WIS.—N. Zweifel should now be addressed at his new plant at North Milwaukee, Rural Route No. 10, instead of at his old plant at Fourteenth and Groeling avenue.

SURPLUS BULBS.

SINGLE HYACINTHS for Bedding or Forcing, Light Blue, Pink and Pure White, $2 75 per 100; $23.00 per 1000.

NARCISSUS TRUMPET MAJOR	$7.50 per 1000
NARCISSUS VON SION, good forcing grade	12.00 "
ROMAN HYACINTHS, 12 to 15 cms.	25.00 "
CALLA ETHIOPICA, 5½ to 7-inch circumference	8.00 per 100
HARRISII LILY, 5 to 7-inch	3.50 "
PARROT TULIPS, best mixture	7.00 per 1000
CHINESE NARCISSUS per basket, 30 bulbs, $1.25	
Per bale, 4 baskets (120 bulbs)	4.25

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

Burpee's Seeds Grow

SEEDS THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.
COTTON GRAIN BAGS. CHICAGO ILL.

Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention the Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving.
Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention the Review when you write

THE REGAN ...PRINTING HOUSE...
Nursery.... ....Seed..... Florists'... Catalogues
87-91 Plymouth Place, Chicago.

The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

ESTABLISHED 1802.
Thorburn's Bulbs
Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.
LILY OF THE VALLEY PIPS
LILIUM AURATUM
Spiraeas, Roman Hyacinths, Etc.
Just arrived new crop seed of
ASPARAGUS PLUMOSUS ROBUSTUS
Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.
$1.00 per 100 seeds; $9.00 per 1000 seeds.
J. M. THORBURN & CO.
36 Cortlandt St., NEW YORK.
Mention the Review when you write.

BULBS FOR FORCING and BEDDING.
BEST GRADES ONLY.
Write for special prices.
W. C. BECKERT, - ALLEGHENY, PA.
Mention Review when you write.

I SEND another dollar for your good paper; I miss it if I don't have it for Sunday.—L. THUBLIN, Mobile, Ala.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 40c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Brilliantissima, the new alternanthera. The finest of all the varieties. Just what you want if you want the best. $6 per 100; $50 per 1000. A. J. Baldwin, Newark, Ohio.

Alternantheras, 7 varieties, $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, double, 3-in., $2.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Alyssum, superior grade, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

ANEMONES.

Anemone Japonica, 10,000 Alba, $5.00 100; $45.00 1000. 10,000 Rubra, $5.00 100; $45.00 1000. 10,000 Whirlwind, $5.00 100; $45.00 1000. 3,000 Queen Charlotte, $6.00 100; $50.00 1000. Other perennials, phlox, achillea, iris, monarda, Hemerocallis flava, Clematis paniculata, etc. Write for prices on what you want.
Geo. J. Keller, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, 4 to 5 in. pots, 10 to 12 in. high, 3 tiers, 35c. to 40c.; 5¼-in. pots, 10 to 12 in. high, 3 tiers, 50c. each; 6-in. pots, 17 to 19 in. high, very broad, 3, 4 to 5 tiers, 75c. each; 4 to 5 tiers, 19 to 22 in. high, 90c to $1.00 each. Specimens, $1.25 to $1.50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2.00 to $2.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Well-grown Sprengeri plants ready for			
3-inch	$3.50 100	$30.00 1000	
4½-inch	5.00 100	45.00 1000	
6-inch	10.00 100	85.00 1000	

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100. Sprengeri, from flats, $1.00 100, $5.00 1000; 4-in., $6.00, 2¼-in., $1.50 100, $12.50 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong plants, 3-in., $1.20 doz., $8.00 100; 4-in., $1.50 doz., $10.00 100; A. Springeri, 4-in., $1.00 doz., $8.00 100. John R. Shreiner, Lancaster, Pa.

Asparagus plumosus nanus, strong, bushy plants, 2½-in., fine for fern dishes, 4 cts. Asparagus Sprengeri, 2½-in., 2½ cts.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus, 2½-in., $5.00 100; 3-in., $8.00 100; 3½-in., $10.00 100. Sprengeri, field-grown, $5.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-inch, $1.25 100; $10.00 1000. 4-in., $1.75 100; $12.00 1000.
J. Steckler Seed Co., New Orleans, La.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, strong plants, 3-in., $5.00 per 100; 3½-in., $8.00 per 100.
Maurice J. Brintoo, Christiana, Pa.

Asparagus plumosus nanus, 2½-in., fine, $4.00 100; 4-in. stock at $8.00 100.
The McGregor Bros. Co., Springfield, O.

Asparagus Sprengeri, 2½-in., ready for 3½-in., $2.00 per 100; $17.50 per 1000.
JACKSON & PERKINS Co., Newark, New York.

Asparagus Sprengeri, 3-in., ready for 4-in., 50c per doz.; $4.00 per 100.
J. S. Bloom, Riegelsville, Pa.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2½-inch, $3.00 100.
Walker & McLean, Youngstown, O.

Asparagus Sprengeri, large 2-inch, ready for 4-inch, 2c to close out.
Lamprecht Bros., Ashland, O.

Asparagus plumosus, 2¼-in. pots, $3.00 100. Sprengeri, $2.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Asparagus plumosus, 4-in. pots, $12.50 per 100. Cash with order.
H. H. BARROWS & SON, Whitman, Mass.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus plumosus nanus, 3-in., good value, $8.00 per 100. S. M. Hurbison, Danville, Ky.

Asparagus Sprengeri, 2-in., $2.00 per 100; $18.00 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus Sprengeri, 2-in., ready for 3-in., $2.00 100. John Brod, Niles Center, Ill.

Asparagus plumosus, 2½-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri, 2-inch, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., fine, $1.25 100.
White's Conservatories, Sandusky, O.

Asparagus Sprengeri, 2½-in., $2.00 100.
Ridge Lawn Greenhouses, Buffalo, N. Y.

Asparagus Sprengeri, 2-in., $1.20 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPIDISTRAS.

Aspidistra lurida, fine stock in 5-in. pots, 8 to 14 leaves, 25 cts. to 35cts each.
R. G. Hanford, Norwalk, Conn.

AZALEAS.

Christmas plants now ready. Azalea Indica, Simon Mardner, Deutsche Perle and Vervaeneana in bud and bloom, 75c. to $1.00 each. Azalea mollis, 30c. each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

BAY TREES.

Bay Trees. Have just received a fine lot of standards and pyramids.
F. W. O. Schmitz, Prince Bay, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maniçata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias, 6 leading var., including Pres. Carnot, 4-in. pots, $8.00 100; 3-in., $5.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Fine Rex begonias, 2-in., 3c. Satisfaction guaranteed or money refunded.
Paul O. Tauer, Lebanon, Ind.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Begonia rubra, fine plants from 2½-in. pots, ready for shifting, $3.00 100.
The McGregor Bros. Co., Springfield, O.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonia de Lorraine, 2¼-in., $15.00 100; $140.00 1000. Julius Roehrs, Rutherford, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

Begonia incarnata, 4-in., $6.00 100.
Nathan Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Fine Jerusalem cherries in 3½ and 4-in., very strong, ready for 5 and 6-in. Well fruited, bushy plants, $1.50 per doz. while they last. Cash, please.
Burnell & Totman, Randolph, Vt.

Solanum or Jerusalem cherry, 5, 5½ to 6 in. pots, fine plants, full of berries, $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dwarf Jerusalem cherries, full of fruit. 5 in., 15 cts.; 6 in., 25 cts. each.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

Celestial peppers, 5-in., $1.50 doz., $12.00 100.
Oechslin Bros., 1688 W. Madison St., Chicago.

Celestial peppers, out of 4-in., 75c doz., $5.00 100. J. C. Schmidt Co., Bristol, Pa.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

SURPLUS BULBS.
Single hyacinths for bedding or forcing, light blue, pink, and pure white, $2.75 100, $23.00 1000.
Narcissus Trumpet Major, $7.50 1000.
Narcissus Von Sion, good forcing grade, $12.00 1000.
Roman hyacinths, 12-15, $25.00 1000.
Calla Ethiopica, 5½ to 7-in. circumference, $8.00 100.
Harrisii Lilies, 5 to 7-in., $3.50 100.
Parrot Tulips, best mixture, $7.00 1000.
Chinese Narcissus, per basket 30 bulbs, $1.25; per bale, 4 baskets (120 bulbs), $4.25.
STORRS & HARRISON CO., Painesville, O.

	12.	100.
Spiraea japonica	$0.50	$3.00
Spiraea multifl. comp	.60	3.50
Astilboides floribunda	.75	4.50

Chinese narcissus, basket, $1.50; mat, 4 baskets, $4.50.
Begonias, tuberous rooted, single; white, rose, scarlet, red, yellow, orange, 30c doz., $2.25 100. Double, sep. colors, 65c doz., $5.00 100.
Gloxinia crassifolia erecta, white, blue, red, purple, mottled, 60c doz. $4.00 100. Mixed 50c doz., $3.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

CHINESE NARCISSUS, packed in baskets, 30 each, $1.20 per basket; bales of 4 baskets, 120 in all, $4.50 per bale. Special prices on lots of 1000 or over.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Clearance sale of HYACINTHS and TULIPS. Exceptional value. Quality unsurpassed. For prices see displayed adv. in this issue.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bulbs. A full line on hand, prices cheerfully given. Chinese Sacred lilies, Azalea indica in all sizes and in all leading var., will arrive this week. F. W. O. Schmitz, Prince Bay, N. Y.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antiguon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Bulbs for forcing and bedding. Best grades only. Write for special prices.
W. C. Beckert, Allegheny, Pa.

Lilium auratum, spiraeas, Roman hyacinths, etc. Ask for our catalogue.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CANNAS.

Cannas, nice clumps. Florence Vaughan, J. C. Vaughan, Egandale, Chas. Henderson, A. Bouvier, Burbank, etc., $2.00 per 100; $15.00 per 1000. A. J. BALDWIN, Newark, Ohio.

Cannas. The following to clear out at 50c per 100, f. o. b.: Alemannia, Austria, Burbank, Italia and Parthenope.
Louis Bosanquet, Fruitland Park, Fla.

New canna, WEST VIRGINIA, the best of all the Crozy type; large clumps, $1.00 per doz. Also Alf. Bouvier.
Gus Obermeyer, Parkersburg, W. Va.

CARNATIONS.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100, $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.

W. K. Partridge, Sta. R., Cincinnati, O.

Rooted carnation cuttings.	100.	1000.
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.

Larchmont Nurseries, Larchmont, N. Y.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Carnations, well-rooted and free from disease. Dec. 15th delivery. Innocence, Dorothy, Enquirer and Gov. Wolcott, $3.00 100, $18.00 1000. White Cloud, Glacier, Crane, $1.50 100, $12.50 1000. F. Hill, Joost, Marquis, $1.25 100, $10.00 1000. Cash.

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings.	100.	1000.
Lillian Pond,	$5.00	$40.00
Enchantress,	6.00	50.00
Lawson,	3.00	25.00
Prosperity,	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. Enchantress, Lillian Pond, $6.00 100; Boston Market, Gov. Wolcott, Prosperity, $2.00 100; Glacier, Joost, M. Glory, Lawson, Kohinoor, $1.50 100.

Stuppy Floral Co., St. Joseph, Mo.

My stock of carnations is vigorous and healthy. Rooted cuttings will be strictly first-class. Write for varieties and prices.

Henry Baer, Wholesale Carnation Grower, R. F. D. No. 3, Peoria, Ill.

Carnation cuttings from sand, December delivery. 500 Crane, 200 M. Glory, 200 Melba, 200 Prosperity, 200 G. Lord, 1500 Norway, 750 Flora Hill, 250 Scott and 250 Joost, $1.20 per 100.

East Side Floral Co., Minneapolis, Minn.

EXTRA GRADE CUTTINGS.

Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order.

GEO. S. OSBORN, Hartford, Conn.

Two new white carnations for 1904, LADY BOUNTIFUL and The Belle. The two best commercial sorts. Price, $12.00 100; $100.00 1000.

F. Dorner & Sons Co., Lafayette, Ind.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.

G. M. Naumann, Doan St., Cleveland, O.

We are now booking orders for carnation cuttings. All our plants are vigorous and healthy. Write us. Backer & Co., Billerica, Mass.

Rooted and unrooted carnation cuttings. We prepay express charges.

The Knoll Nurseries, Penryn, Cal.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.

W. E. HALL, Clyde, O.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.

P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to

John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Carnation rooted cuttings. Gov. Wolcott, $35.00 1000. Enchantress, $50.00 1000. Lawson $20.00 1000.

Pochlmann Bros. Co., Morton Grove, Ill.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.

Loomis Floral Co., Loomis, Cal.

Rooted carnations now ready. For varieties and prices see our displayed adv.

California Carnation Co., Loomis, Cal.

Field-grown plants and rooted cuttings. Write for estimates on your wants.

W. H. Watson, Son & Co., Lapeer, Mich.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.

Rockville Greenhouses, Rockville Centre, N. Y.

Wm. Scott carnations, 500 field-grown, $3.50 100. Converse Greenhouses, Webster, Mass.

CHRYSANTHEMUMS.

Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thornden, $10.00 100; Geo. W. Childs, Viviand-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Roht. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, White Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.

Walker & McLean, Youngstown, O.

Last call for stock plants. Columbia, Richardson, Taggart, white and yellow Bonnaffon, white and pink Pacific, Mrs. Weeks, Ivory, Yanariva, Shaw, Appleton, Yanoma, Eaton, Halliday, Sanders, Lavender Queen, Childs, Intensity, Falconer, Carrington, Diana, Perrin, Murdock, Golden Wedding, Evangeline, Bloodgood, Morel, Fee du Champsaur, 10c. each, $1.00 per doz., $6.00 per 100. Cash with order.

Gunnar Tellmann, Marion, Ind.

Chrysanthemums, Mlle. M. Liger, Miss A. Byrou, E. Molyneux, Mrs. F. S. Vallis, 20 cents each, $2.00 per doz. Mabel Morgan, Mme. Herrewege, C. J. Salter, Mme. P. Radelli, Mrs. Barkley, 15 cents each; $1.50 per doz. Orders booked for Lord Salisbury, Laveliness, Lord Hopetoun, Convention Hall, Durbin's Pride, Mrs. Thirkell, W. R. Church, for early delivery. Write for prices. All first-class stock.

G. A. Lotze, Jr., Glenburnie, Md.

Stock 'mums, ready as flowers are cut, Marie Liger, A. J. Balfour, 35c each; Nellie Pockett, Yellow Eaton, Mrs. Chamberlain, 25c each; Orizaba, Merza, Polly Rose, Mrs. E. D. Smith, Alice Byron, Mrs. Coombes, Souci, Merula, 10c each; 30 standard sorts, including Glory of Pacific, Ivory, Eaton, Appleton, Philadelphia, Willowbrook, Cresco, Mrs. Robinson Mrs. Jerome Jones, 6c each.

Stuppy Floral Co., St. Joseph, Mo.

Stock chrysanthemums. Strong plants from bench of

Appleton	Morel
T. Eaton	Golden Wedding
Bonnaffon	Pres. W. R. Smith
Mrs. J. Jones	Ivory
Maud Dean	Lincoln
	Pennsylvania

75c. per doz.; $3.00 per 100; 50 at 100 rate.

D. P. Smith, Flint, Mich.

Mum stock plants. Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each. Alice Byron, Mrs. F. J. Tranter, F. J. Taggart, Goldmine, 15c each, stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.

W. A. Chalfant, Springfield, Mo.

Chrysanthemums. Stock plants from bench, $5.00 per 100 in following sorts: Timothy Eaton, Yellow Eaton, Golden Wedding, Liberty, Mrs. Perrin, Superba, Florence Pullman, Blackhawk, Pres. W. R. Smith, Portia, Columbia, R E. Richardson, Viviand-Morel, Violescent and Marie Liger.

Michell Plant and Bulb Co., St. Louis, Mo.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.

Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.

Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum stock plants. Appleton, Mrs. Coombes, Pockett, Eaton, Chadwick, Estelle, 10c ea., $8.00 100. Golden Wedding, Murdock, Robinson, Henderson, Polly Rose, Pacific, White and Yellow Jones, 75c doz., $5.00 100. All strong plants from bench. Cash.

Critchell's, Avondale, Cincinnati, O.

Stock plants of Liger, Richardson, Yellow Eaton, Chautauqua Gold, $1.50 doz., $10.00 100. Chadwick, Yellow Chadwick, Eaton and other standard sorts, 75c doz.; $6.00 100. Order now. Stock shipped as soon as varieties are cut out.

Pochlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum stock plants: White—Nellie Pockett, Polly Rose, Kalb, Ivory, Queen, Eaton, Chadwick. Yellow—Monrovia, Monarch, Halliday, Appleton, Modesto, Improved Favorite. Pink—Pres. Smith, Perrin, Lavender Queen.

Hersey Greenhouse Co., Wichita, Kan.

Chrysanthemum stock plants: R. Halliday, Appleton, Golden Wedding, Yellow Bonnaffon, Yellow Jones, White Bonnaffon, T. Eaton, Jones, White Ivory, and pink Mrs. Perrin, Maud Dean, 75c. doz., $5.00 per 100.

G. M. Naumann, Doan St., Cleveland, O.

New pink chrysanthemum, DR. ENGLEHART, the finest commercial pink ever introduced. Price: 50c each; $5.00 per doz.; $50.00 per 100. Also the grandest lot of novelties ever sent out. Send for description list.

F. R. PIERSON CO., Tarrytown, N. Y.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.

John Brod, Niles Center, Ill.

Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.

F. R. Hills, 1000 No. 8th Ave., Maywood, Ill.

Chrysanthemums, good stock plants of Viviand-Morel, Col. D. Appleton, Minnie Wanamaker, Timothy Eaton, Mrs. Perrin, Major Bonnaffon, Marion Newell and Chadwick, 75c doz., $5.00 100. J. E. Felthousen, Schenectady, N. Y.

Chrysanthemum stock plants, strong and true to name, Ivory, Bloodgood, Wanamaker, Lavender Queen, Bonnaffon, 2½c each. No order for less than 25 plants accepted.

F. A. Imoherstag, Toledo, Ohio.

Chrysanthemums. Stock plants, cheap, of Liger, Coombes, Alice Byron, Lady Harriet and all standard varieties. Write for prices on varieties you need.

CHAS. H. TOTTY, Madison, N. J.

Chrysanthemum stock plants, Polly Rose, Pacific, White and Pink Ivory, 75c per doz. Goldmine, Col. D. Appleton, Mrs. J. Jones, White Bonnaffon, $1.00 per doz.

W. & H. F. Evans, Rowlandville, Philadelphia.

Chrysanthemums: Col. Appleton, Eaton and Pennsylvania, $5.00 100; Major Bonnaffon, Queen and Halliday, $3.00 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

Stock chrysanthemums. Estelle, Appleton, Rieman, Quito, $3.00 100; Liger, White and Yellow Chadwick, $10.00 100.

Ridge Lawn Greenhouses, Buffalo, N. Y.

Chrysanthemum stock plants, 50c doz. Polly Rose, Opah, T. Eaton, Yanariva, Xeno, Bonnaffon. W. G. Kroeber, Box 357, Danbury, Conn.

Hardy pompon chrysanthemums, 60 varieties. Orders booked now for spring delivery. Send for list.

R. Vincent, Jr. & Son, White Marsh, Md.

Stock chrysanthemum plants, $3.00 and $4.00 per 100. Will take carnation plants in exchange. L. Hoebel, Fort Lee, N. J.

Chrysanthemums. Stock plants, early varities now ready. Write for varieties and prices.

H. Weber & Sons, Oakland, Md.

Chrysanthemum stock plants now ready of Major Bonnaffon, 35c per doz.

H. S. Duly, Randolph, Mass.

Chrysanthemum stock plants. See displayed adv. W. J. & M. S. Vesey, Fort Wayne, Ind.

BUSINESS BRINGERS—
Review
Classified Advs.

CINERARIAS.

Cineraria hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

Cinerarias for Easter blooming. Dwarf large-flowering, 2-in., $1.50 100.

J. W. Miller, Hatton, Pa.

Cinerarias, 2¼-in., $2.00 100, $3.00 for 500; 3-in., $3.00 100.

C. Whitton, City St., Utica, N. Y.

CLEMATIS.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus. 10 varieties, 2-in., 2c. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Coleus in variety, 40c. doz., $2.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

CRYPTOMERIAS.

Cryptomeria japonica, 2-in., $5.00 100.

E. J. Rawlings, Quakertown, Pa.

CYCAS

Cycas by the 1000. Get my prices.
F. H. KRAMER, Washington, D. C.

CYCLAMEN.

CYCLAMEN SPLENDENS GIGANTEUM for Xmas blooming. Finest strain in the world. White, blood-red, white carmine eye, rose; first-class stock, well-budded, from 3, 3½, 4, 4½ and 5-inch pots at $7.00, $10.00, $12.00, $15.00 and $20.00 per 100.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, finest English strain, well-grown and extra strong bushy plants set with buds, from 2½, 3, 4, 5, 5½ and 6-in. pots, at $4.00, $5.00, $8.00, $15.00, $20.00 and $25.00 per 100. Will exchange some for rooted geraniums. Wm. S. Herzog, Morris Plains, N. J.

Cyclamen giganteum, extremely fine, very full budded, just coming into bloom. All colors, 4 and 5-in. pots, 2 doz., $5.50; $15.00 and $18.00 per 100.
Mount Honnes Conservatories, Fishkill, N. Y.

Cyclamen giganteum, fine plants, well set with buds. Will flower for Christmas. 6-in., 25c; 5-in., 20c; 4-in., 12c each, and 3-in., 75c doz. J. S. Bloom, Riegelsville, Pa.

Cyclamens, fine Christmas stock. 4-in., $1.00 doz., $7.00 100; 5-in., $2.00 doz., $15.00 100; 6-in., $4.00 doz., $25.00 100. Cash.
Critchell's, Avondale, Cincinnati, O.

Cyclamen gig., large-flowered, 3-in., $5.00; 4-in., $10.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Cyclamen. Fine plants in bloom, 6-in., $6.00 doz.
Geo. A. Rackham, 880 Van Dyke, Detroit, Mich.

Cyclamen giganteum, well set with buds, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

Cyclamen, well set, with buds, $12.00 per 100.
C. Winterich, Defiance, O.

DAHLIAS.

Dahlias. A. D. Livoni, pink; Mrs. Thatcher, yellow; Marguerite Brnant, white; and 12 other good cut flower sorts, strong field plants, $5.00 per 100. Geo. J. Keller, Rochester, N. Y.

Dahlias. 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Dahlias, 30 named varieties, true to name, just as dug, $5.00 per 100. Send for catalogue.
F. L. Tinkham, Main St., Brockton, Mass.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Daisies, giant double; fine plants, 35c 100; $2.50 1000. J. C. Schmidt Co., Bristol, Pa.

DEUTZIAS.

1500 Deutzia gracilis, 3 years old, fine plants for 7-inch pots, $10.00 per 100. Cash.
C. Ribsam & Son, Trenton, N. J.

DRACÆNAS.

Dracaena indivisa, 3-in., extra strong, $6.00 100; good stock, $4.00 100. Shifted into 4-in. will make nice stock.
Binley The Florist, Glens Falls, N. Y.

Dracaena indivisa, 3½-in. pots, fine, bushy plants ready for a shift, at $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Dracaena Bruanti, 6-in. pots, 25 in. high and up, 50c. each; $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

1500 Dracaena indivisa, strong field-grown plants, $10.00 per 100.
W. & T. Cass, Geneva, N. Y.

Dracaena indivisa from flats, $1.50 per 100.
Walker & McLean, Youngstown, O.

Dracaena indivisa, 3½-in., $8.00 100.
J. E. Felthousen, Schenectady, N. Y.

Dracaena indivisa, 2-in., $2.50 100.
E. L. Rawlings, Quakertown, Pa.

ERICAS.

TO GROWERS OF FLOWERING PLANTS.
Two-year-old Erica fragrans, well-budded, large plants, can be forced in bloom for Xmas, $35.00 per 100; $05.00 for 200.
One-year-old Erica fragrans, for growing on, very fine plants, $10.00 per 100; $45.00 for 500; $80.00 per 1000.
Erica regerminans, 2-year-old, full of buds, come easily for Xmas, $30.00 per 100, $55.00 for 200.
Cash with order, please.
A. SCHULTHEIS, College Point, L. I., N. Y.

FERNS.

Boston ferns, from benches, fine, strong plants, $35.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.
4-in. pots .....$0.50 each, $ 5.50 doz.
5-in. pots ..... 0.75 each, 8.50 doz.
7-in. pots ..... 2.00 each, 23.00 doz.
8-in. pots ..... 2.75 each, 32.00 doz.
For larger specimen plants, prices on application.
FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000. 4-in. pots, $12.00 100, $110.00 1000.
ADIANTUM CUNEATUM, very bushy, 4-in. pots, $12.00 100; $110.00 1000; 500 at 1000 rate.
FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

Fine plants, from 2-inch pots, Aspidium tsussimense, Cyrtomium falcatum, Pteris cretica albo-lineata, Pteris adiantoides, Pteris serrulata, Adiantum pubescens, $3.00 per 100.
Extra fine Aspidium tsussimense, Adiantum cuneatum and Lastrea aristata var., 3 in., $6.00 per 100; $50.00 per 1000.
Lastrea aristata var. and Polystichum coreaceum, 4 in., 8c.
R. G. Hanford, Norwalk, Conn.

BOSTON FERNS, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Bench-grown Boatons in all sizes.
PIERSONI FERNS, young plants from bench, $15.00 100; 2½-in., $20.00 100; 4-in., 50c each; 5-in., 75c each.
All stock extra fine. Cash with order.
DAVIS BROS, Geneva, Ill.

Boston ferns, 2½-in., $5.00 100; 3-in., $10.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $1.00 to $1.50 each; 10-in., $2.00 to $2.50. Piersoni ferns, 2¼-in., 25c each; 3-in., 50c ea.; 4-in., 75c; 5-in., $1.00; 6-in., $1.50; 7-in., $2.50; 8-in., $3.00.
GEO. A. KUHL, Pekin, Ill.

ANNA FOSTER ferns, cut from bench, for 6-in., $35.00 100. Beautiful plants in pots, 5-in., $4.00; 6-in., $9.00; 7-in., $15.00; 8-in., $24.00; 9-in., $36.00 per doz.
BOSTONS. Full, large plants cut from bench, $50.00 per 100; also in any quantity, $25.00 100.
L. H. FOSTER, Dorchester, Mass.

Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for ferneries at $3.00 per 100. Get our snap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

100,000 small ferns for fern dishes. Best commercial var. in 2¼-in. pots, $3.00 100; $25.00 1000. Nephrolepis Piersoni, strong plants, 2½-in., $3.00 doz., $22.00 100. Anna Foster, strong plants, 2½-in., 75c doz., $6.00 100. Cash.
Oechslin Bros., 1688 W. Madison St., Chicago.

Boston ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 30 to 35 in. high, 75c each. Specimens, 7-in. pots, $1.00 each. Large, 5-in. pots, 25c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
F. H. KRAMER, Washington, D. C.

Piersoni ferns, 2¼-in., $20.00 100; 5-in., $1.00 each; 6-in., $1.50 each. Bostoniensis, 5-in., 25c ea.; 6-in., 35c ea. Cordata compacta, 5-in., 25c ea.; 6-in., 35c ea.
Nathan Smith & Son, Adrian, Mich.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

500 Piersoni ferns from 3-in. pots, fine low plants, beautiful color, $25.00 per 100. Less than 100, 30c each.
WILLIAM L. ROCK FLOWER CO., Kansas City, Mo.

Ferns. Pteris only, in 5 varieties, out of 2½-in. pots, $2.50 per 100. Pteris, out of flats, transplanted, 75c per 100.
L. Hoehel, Fort Lee, N. J.

Boston sword ferns. Strong, bushy plants from bench, ready for 7 and 8-inch pots, 50c each. Cash with order.
H. H. BARROWS & SON, Whitman, Mass.

Boston ferns, 2½-in., $3.50 per 100; 3½-in., $6.00 per 100; 4-in., $8.00 per 100; 5-in., $12.00 per 100. Fine stock.
The McGregor Bros. Co., Springfield, O.

The Pierson fern, a fine stock of this beautiful novelty in splendid condition, 6-in., $1.00; 8-in., $1.50 each.
Hugh Graham, 104 So. 13th st., Phila.

Boston ferns, 3, 4, 5, 6, 7 and 8 inch, at $8.00, $12.00, $25.00, $40.00, $60.00, $75.00 per 100. Cash, please. A. THORNHILL, Rosedale, Kan.

Adiantum Farleyense, 6,000 strong 4-inch plants, $20.00 100; 3,000 strong 3-inch plants, $12.00 100. W. A. Hammond, Richmond, Va.

Boston ferns, fit for 5 and 6-in. pots, fine, at $15.00 and $20.00 per 100. Cash, please.
Benj. Connell, West Grove, Pa.

Boston ferns, stocky, 5-inch pots, $2.00 per doz. Mixed ferns, 2¼-inch, $3.00 per 100.
W. G. Kroeber, Danbury, Conn.

Adiantum cuneatum, 4-inch, $15.00 100; Nephrolepis Wittboldii, 3-inch, $8.00 100.
Walker & McLean, Youngstown, O.

Boston ferns, 7-in., $1.00; 8-in., $1.25; 9-in., $1.50 each. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston and compactu ferns, fine stock for the Holidays.
Ridge Lawn Greenhouses, Buffalo, N. Y.

Adiantum cuneatum (maidenhair fern), 5-in., $2.00 doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Boston ferns, bushy, 5-in., $2.50 doz.; 6-in., $4.00 doz.
Converse Greenhouses, Webster, Mass.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, all sizes.
Julius Roehrs, Rutherford, N. J.

FORGET-ME-NOTS

Forget-me-nots, bardy, blue; large plants, 40c 100, $3.00 1000.
J. C. Schmidt Co., Bristol, Pa.

GAILLARDIAS.

Gaillardia grandiflora, July sowing, $1.00 per 100. GEO. ENGEL, Xenia, Ohio.

GERANIUMS.

Headquarters for rooted cuttings. Over 100,000 ready for shipment. S. A. Nutt in 10,000 lots, Dbl. Grant, Buchner, Perkins, Brnantl, Favorite, Landry, Montmort, Charotte, Jannina, Triumph de Patteras, the best scarlet border dwarf, $10.00 per 1000; Ricard, Harrison, Viand, Castellane, Poitevine (in 10,000 lots), $12.00 per 1000; Charles Gervais, the best dbl. rose-pink in the market, $3.00 per 100. Write for price list. Peter Brown, Lancaster, Pa.

Geraniums, fine, 2½-inch pots, $2.00 100. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantia, W. L. Gunn, Madonna, Mme. St. Pol. Bridonx, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Thos. Meehan, Bucharle's White, Tamative, Gloire Bondeau, Marquis de Castellane, Alphonse Ricard. NATIONAL PLANT CO., Dayton, O.

Geraniums. Centanr, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Well rooted cuttings true to name. Jean Viaud, S. A. Nutt, Mme. Buchner, $1.00 per 100; $9.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Countess de Harcourt, $1.25 per 100; $10.00 per 1000.
C. B. Shisler, Williamsville, N. Y.

Geraniums from 2¼-in., $2.00 per 100. Ricard, Perkins, Poitevine, Hill, Dryden, Bruant, Viand, Mme. Jaulin, De Castellane, Marvel, La Favorite, Mrs. J. M. Gaar, Queen of West, Mrs. A. Blanc, Mme. Bruant and type. Stroog stock. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geranium cuttings, Nutt, Jean Viaud, Mme. Beauclaire, $1.50 per 100, $12.50 per 1000. Le Soleil, Poitevine, Mme. Landry and Perkins, $1.75 per 100, $15.00 per 1000. Money with order from unknown parties.
WM. F. KASTING, Buffalo, N. Y.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, J. J. Harrison. Best dbl. dark pink, dbl. salmon pink and single scarlet at $1.00 per 100, cash. Logan Ave. Greenhouses, R. R. 2, Danville, Ill.

Geranium cuttings, well rooted. Dbl. Gen. Grant, best scarlet; S. A. Nutt, best crimson, $1.00 per 100, $9.00 per 1000. Beaute Poitevine, best salmon, $1.25 per 100, $11.00 per 1000. Cash W. B. Du Rie, Rahway, N. J.

Geranium rooted cuttings. Buchner, best dbl. white, and Jean Viand, best dbl. pink, $1.50 100; $10.00 1000. In assortment, my selection, all labeled, $1.50 100; $12.50 1000.
Albert M. Herr, Lancaster, Pa.

Geranium plants from 2½-in. pots. S. A. Nutt, La Favorite, Beaute Poitevine, Double Gen. Grant, Bruanti, $2.00 100; $15.00 1000. Happy Thought, $2.50 100; $20.00 1000.
J. E. Felthousen, Schenectady, N. Y.

Geranium cuttings, well rooted. Big lot now ready. S. A. Nutt, dark red; Mme. Landry, pink; Beaute Poitevine, salmon, $1.25 per 100, $10.00 per 1000. C. F. Treichler, Sanborn, N. Y.

Geraniums. Superb bedders. Viaud, Ricard, Mme. Buchner, Nutt, Hill, Poitevine, strong R. C., $1.50 100, $14.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Geraniums, double and single; red, scarlet and white, all good varieties, $1.25 per 100; $10.00 per 1000. Geo. R. Geiger, Nazareth, Pa.

Rooted cuttings, best bedders, $15.00 per 1000. Mme. Salleroi, $15.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Mme. Salleroi, 90c 100; $8.00 1000.
Whitehall Floral Co., Whitehall, Mich.

GLADIOLI.

Gladioli for forcing. Colvillei alba, white, 12 10c, 100 60c, 1000 $5.00; Colvillei rubra, red, 12 15c, 100 75c, 1000 $6.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

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Grasses. Erianthus Ravennae, Eulalia striatis, Gracillima univittata, and Japonica zebrina, $5.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Poa trivialis variegata, fine for fern dishes, 2-inch, $2.50 100; 3-inch, $5.00 100.
THE GEORGE WITTBOLD CO., 1657 Buckingham Place, Chicago, Ill.

200 Arundo donax variegata, strong dormant roots, three eyes to the division; $6.00 100. Cash. Wachendorf Bros., Atlanta, Ga.

GREVILLEAS.

Grevillea robusta, 2½-in., $2.50 100.
Ridge Lawn Greenhouses, Buffalo, N. Y.

HARDY PLANTS.

Rocky Mountain Blue Spruce. We have a limited supply of the true Picea Pungens at $2.50 per lb.; also Picea Engelmanni (blue spruce), at $4.00 per lb.; Juniperus Monsperona (dwarf cedar), at $1.50 per lb. We are collectors of seed of Rocky Mountain Columbine (Aquilegia Coerulea), and offer in limited quantity at $1.25 per ounce. Two-year-old roots, at $1.25 per dozen by express.
BARTELDES & CO., Denver, Colo.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
Peterson Nursery, 164 La Salle St., Chicago.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

White lilac, 7 ft., $30.00 to $35.00 100. Cash. Rockville Greenhouses, Rockville Centre, N. Y.

HELIOTROPES.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

HIBISCUS.

50 Hibiscus miniatus semi-plena, large double red. Strong, bushy plants from 5-inch pots. Just the thing for centerpieces in vases next spring. $15.00 100. Cash.
Wachendorf Bros., Atlanta, Ga.

Hibiscus, 2-in., $2.00 100; 3-in., $4.00 100; 4-in., $6.00 100.
J. Steckler Seed Co., New Orleans, La.

HYDRANGEAS.

OTAKSA, THOS. HOGG, with 5 to 7 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $10.00; $45.00 for 500. JACKSON & PERKINS CO., Newark, New York.

Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c.
Hiram T. Jones, Elizabeth, N. J.

Hydrangea paniculata grandiflora, large, bushy plants, 4 to 5 feet, $3.00 doz.; $15.00 100; $120.00 1000.
Andorra Nurseries, Chestnut Hill, Phila., Pa.

Hydrangea Otaksa, very strong, field-grown, from 5 to 12 branches, $10.00 per 100.
Peter Wenk, Clinton Ave., Ozone Park, L. I., N. Y. Telephone 164.

Hydrangea Otaksa, field-grown, large enough for ½ bbl. tubs, $1.00 each, 12 for $10.00.
Dann & Son, Westfield, N. Y.

Hydrangea Otaksa, fine field-grown plants, $8.00 per 100.
John Bonner, 301 Beecher St., Syracuse, N. Y.

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Hardy English Ivy, 2¼-in., $2.00 100; rooted cuttings, 75c 100. Parlor Ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English Ivy, pot grown, clean, healthy stock, from 4-in. and 5-in. pots, vines 2½ to 3 ft., 12c. R. G. Hanford, Norwalk, Conn.

Hardy English Ivy, strong, 3-in. pots, $5.00 per 100; $40.00 per 1000.
I. H. Moss, Govanstown, Baltimore, Md.

English Ivy, field-grown, strong, bushy plants. $5.00 100. Cash, please.
Godfrey Aschmann, 1012 Ontario St., Phila.

English Ivy, field-grown, $4.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Ivy American, 2-yr., fine, 8c. Cash.
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Cape Jasmines, 4-inch pots, $3.00 doz., $20.00 100. J. Steckler Seed Co., New Orleans, La.

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Weeping lantanas, 2-in., 2c. Fine, strong plants or money refunded.
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S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and in sealed cases only.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley, from icehouse. The best Berlin pips in the market, $15.00 1000; case lot, 2500 pips, $35.00.
F. W. O. Schmitz, Prince Bay, N. Y.

Lily of the valley. Early Empress brand, for Xmas forcing, cases of 2,500, $30.00; 100, $1.50; 1,000, $12.50
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Lily of the valley will be ready soon. Place your order now.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

Lily of the valley always on hand.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley pips.
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Mistletoe. Fine, well-berried, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Satisfaction guaranteed. Mrs. Geo. J. Starr, Wilson, N. C.

Mistletoe of the best quality—it's guaranteed.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

MISTLETOE for the Holidays. Write us.
Walker Seed Co., Oklahoma City, Okla.

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Otaheite orange, in fruit, 50c, 60c, 75c each.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Meadelli which I have received in good condition. Prices on application. Inspection invited. Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Latania borbonica. Reduced prices. 4-in. pots, $15.00 100, $2.00 doz.; 5-in. pots, $25.00 100, $3.50 doz.; 6-in. pots, $40.00 100, $5.00 doz.; from 8-in. pots and larger, $2.50 each and upward, according to size.
Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in. pots, $12.00; 4-in. pots, $25.00; 5-in. pots, $50.00; 6-in. pots, $15.00 doz.; from 7-in. pots and upward, at $1.75 to $35.00 each.
Areca lutescens, fine stock of large plants, from $1.50 upward.
Phoenix reclinata, 5-in. pots, $35.00 100, $4.50 doz.; 6-in. pots, $9.00 doz. Larger plants from $1.00 upward.
Phoenix canariensis, fine specimens, from $2.00 to $35.00 each.
Pandanus utilis, 3-in. pots, $8.00 100; 5-in., $30.00 100.
JOHN BADER, Troy Hill, Allegheny City, Pa.

CORYPHA AUSTRALIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea., $3.50 per 10; 6-in., 20 to 22 in. high, 5 to 6 lvs., 50c ea., $4.50 per 10. CHAMAEROPS HUMILIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea. PHOENIX CANARIENSIS, 5-in., 18 to 20 in. high, 3 to 4 lvs., 40c ea. PHOENIX TENUIS, 5-in., 20 to 22 in. high, 4 to 5 lvs., 40c ea.; 7-in., 24 to 26 in. high, 4 to 5 lvs., 75c ea. LATANIA BORBONICA, 5-in., 18 to 20 in. high, 3 to 4 lvs., 28c ea., $2.50 per 10, $20.00 per 100; 6-in., 20 to 25 in. high, 4 to 5 lvs., 45c ea., $4.00 per 10, $35.00 per 100. Spot cash with order. For other sorts see wholesale list. Send for it.
W. J. HESSER, Plattsmouth, Neb.

WASHINGTONIA FILIFERA
2-in. pots.....$3.50 per 100; $30.00 per 1000
6-in. pots.....85 each; 9.00 per doz.
LATANIA BORBONICA
2-in. pots.....$4.00 per 100; $35.00 per 1000
6-in. pots..... 6.00 per doz.; 40.00 per 100
PHOENIX CANARIENSIS
6-in. pots.....$6.00 per doz.; $40.00 per 100
PANDANUS VEITCHII
3-in. pots .....$2.50 per doz.
4-in. pots ..... 5.00 per doz.
5-in. pots ..... 9.00 per doz.
J. Steckler Seed Co., New Orleans, La.

Large Areca lutescens, several plants to pot, 6½ to 7 ft. high, $12.50 per plant; 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6-in. pots, 2½ ft. high, $9.00 per doz. plants; 2 and 3 plants, in 4-in. pot, 18 to 22 inches high, $4.00 per doz. plants.
Latania, 8-in. pots, 1 plant to pot, 8 to 10 lvs., $18.00 per doz.; 6-in., 1 plant to pot, 7 to 9 lvs., $9.00 per doz.; 6-in., 1 plant to pot, 5 to 7 lvs., $6.00 per doz. Prices of kentias, pandanuses, etc., on application.
J. W. Colflesh, 53rd St. and Woodland Ave., Philadelphia, Pa.

KENTIA BELMOREANA.
Fine healthy stock, absolutely free from scale.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	4-5	10-12	$15.00	$140.00
4-in.	5-6	15-18	25.00	220.00

KENTIA FORSTERIANA.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	3-4	12	$15.00	$140.00
4-in.	4-5	16	25.00	230.00

500 at 1000 rate.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

Kentia Forsteriana and Belmoreana, 6-in. pots, medium sized, about 30 in., 75c. each; Belmoreana, 5½-in. pots, 5 to 6 lvs., 20 to 25 in. high, 50c. each; Kentia Forsteriana and Belmoreana, 4-in. pots, 10c. each; Areca lutescens, 4-in. pots, 10c. each.
Godfrey Aschmann, 1012 Ontario St., Phila.

	Pots.	Leaves.	In. high.	12	100
Latania Borbonica	3-in.	4-5	8-10	$.75	$5
Latania Borbonica	5-in.	3-5 chr.	12-15	2.00	15
Latania Borbonica	5-in.	3-5 chr.	15-18	2.50	18
Kentia Belmoreana	2½"	3-4 chr.	8-10	1.50	10
Kentia Belmoreana	3-in.	3-5 chr.	10-15	1.75	13

Sherman Nursery Co., Charles City, Iowa.

COCOS WEDDELIANA is always scarce after the holidays. We have a good stock of 3-inch pots, from 8 to 12 inches high, at present at $2.00 per doz., $15.00 per 100. Why not lay in a supply now instead of receiving indifferent plants later in the season?
HENRY A. DREER, Philadelphia, Pa.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right. JULIUS ROEHRS, Rutherford, N. J.

Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100.
Walker & McLean, Youngstown, O.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100; $50.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each.
F. W. O. Schmitz, Prince Bay, N. Y.

Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Palms and decorative plants. Send for price list. Chas. D. Ball, Holmesburg, Phila., Pa.

Kentia Belmoreana, 4-inch pots, $2.00 doz.
W. G. Kroeber, Danbury, Conn.

Kentias—all sizes—all prices.
L. H. Foster, Dorchester, Mass.

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PANSY PARK PERFECTION, a new strain and the best ever offered, largest in size of flowers and greatest variety of colors. Fine, stocky, open-ground, seed-bed plants; mixed colors, $4.50 per 1000; 500 for $2.50. Cash with order. Pansies a specialty for 30 years.
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Pansy plants. Largest flowering mixture of show varieties, unsurpassed quality, strong stocky plants, $3.00 per 1000. 500 at 1000 rate. In 5000 lots, $2.50 per 1000.
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Pansy plants. Last call. Strong plants of finest varieties, $3.00 per 1000.
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Pansy plants, fine strain, 40c per 100; $2.00 per 1000. Cash.
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Pansy plants, fine, 50c 100, $2.50 1000. Cash.
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Pansies at 75c per 100.
L. Hoebel, Fort Lee, N. J.

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Pelargonium rooted cuttings, 15 var., all named, $2.25 100, prepaid. Cash.
S. D. Brant, Clay Center, Kan.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 164 La Salle St., Chicago.

Fragrans (sometimes called Thurbecki), $6.00 per 100; $50.00 per 1000.
Gilbert H. Wild, Sarcoxie, Mo.

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Dbl.-fringed petuniaa, ten novelties, labeled, $1.00 100, $9.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

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Chinese primroses. International strain, finest grown and fine stock, 4-in., $1.50 doz., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; good Christmas plants. Primula obconica, grandiflora rosea and alba, mixed, mostly rose and tinted flowers; extra large flowered and choice stock and ready for larger pots, 4-in., extra heavy, $12.00 100; choice 4-in., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; 2-in., $2.00 100. All the above plants are first-class stock and such as you need for your Christmas trade.
N. O. Caswell, Delavan, Ill.

CHINESE PRIMROSES. No finer strain on the market, all colors, including blue, from 2½, 3, 3½ and 4-inch pots at $3.00, $5.00, $7.00 and $10.00 per 100. Primula obconica, from 3 and 3½-inch pots at $5.00 and $7.00 per 100.
PAUL MADER, East Stroudsburg, Pa.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00. 4-in., in bud and bloom, $6.00 100.
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Chinese primroses. Large, clean, 6-in. pot plants in full bloom and bud, just the thing for Christmas sales, $20.00 per 100. Cash.
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Chinese primroses, bud and bloom, 4-in., $6.00. Obconica, 2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00, 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Primulas and primroses, 3-in., very strong, in bud and bloom, 50c per doz., $3.00 per 100. Cash, please.
Burnell & Totman, Randolph, Vt.

Primula chinensis, now in bud and bloom, 5¼-in. pots, $2.00; 6-in. pots, $2.50 per doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Chinese primroses, in bud and bloom, single and dbl. mixed, 4-in., $1.50 doz.; $10.00 100.
John R. Shreiner, Lancaster, Pa.

Primula obconica, from benches, $6.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Primula obconica, grand., alba, rosea and fimbriata, $3.00 100, $25.00 1000. Cash.
Oechslin Bros., 1688 W. Madison St., Chicago.

Primula obconica, 2¼-inch pots, large enough to shift to 4-inch pots, $2.00 per 100.
Wm. A. Clark & Son, Watertown, N. Y.

Fine assortment of primroses, 5-inch pots, all in bloom, $2.00 doz.
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Primula obconica, 2¼ and 3-in., $2.00 and $3.00. Cash. C. F. Krzyaske, Sandusky, O.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Primulas—Chinese and Obconica—2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chinese primroses, pink, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

PRIVET.

California privet, strong, well furnished plants, 2 to 3 ft., $3.00 per 100, $25.00 per 1000; 18 to 30-in., well branched and stocked, $2.00 per 100, $15.00 per 1000. Light, 15 to 20-in., good, $1.50 per 100, $10.00 per 1000. All are above 2 years. Strong 1-yr. plants, 18 to 24-in., 3 or more branches, $2.00 per 100, $15.00 per 1000; 15 to 20-in., 2 or more branches, $1.50 per 100, $10.00 per 1000. All well graded and packed. CHAS. BLACK, Hightstown, N. J.

CALIFORNIA PRIVET.	100.	1000.
Two-year, 2½ to 3 ft.	$2.75	$25.00
Two-year, 2 to 2½ ft.	2.50	22.00
Two-year, 18 to 24 in.	2.00	18.00
One-year, 12 to 18 in., branched	1.25	10.00
Will contract to make cuttings	....	.75

All the above grades have been transplanted and cut back, except the one-year.
J. H. O'Hagan, Little Silver, N. J.

Choice California privet for spring delivery.
Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

80,000 2-year-old privet, well branched; will sell in row or block.
C. RIBSAM & SON, Trenton, N. J.

California privet in several grades. Prices on application.
McColgan Bros., Red Bank, N. J.

ROOTED CUTTINGS.

Rooted cuttings.	100	1000
Coleus, in variety	$ .60	$5.00
Double petuniaa, true to name	1.25	10.00
Heliotrope, all dark	1.00	9.00
Feverfew, Little Gem	1.25	10.00
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Fuchsias, true, from soil	1.25	10.00

J. E. Felthousen, Schenectady, N. Y.

ROSES.

Souvenir de Catherine Guillot, the finest orange-red, self-colored rose, good size, fully double, profuse and continuous bloomer, erect stems, sweet scented and dark foliage, easy to force in winter by 60 to 70 degrees; 3-in., per 100, $10.00; 2-in., per 100, $5.00.
Albert Knapper, Rose-Farm, Ambler, Pa.

2000 Clothilde Soupert, white, on own roots, field grown, now in cold storage, very fine plants for 5 and 6-in. pots, $9.00 per 100. Cash.
C. Ribsam & Son, Trenton, N. J.

CRIMSON RAMBLERS, XXX, 4 to 5 ft., $15.00 per 100. Extra fine plants. Pot now for Easter forcing. Prompt shipment.
JACKSON & PERKINS CO., Newark, New York.

Bride, Maid, Kaiserin, 2-in., 2c; Liberty, 2-in., 3c; American Beauty, 2-in., 4c. Fine strong plants or money refunded.
Paul O. Taner, Lebanon, Ind.

700 3-year-old Crimson Rambler roses. Write for price. C. L. Reese, Springfield, Ohio.

ROSE STOCKS.

We offer some fine, extra size Manetti rose stock for December delivery. Supply is limited, so write at once if you wish any.
Thomas Meehan & Sons, Inc., Wholesale Nurserymen, Dreshertown, Penna.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz.; 5-in., strong, 25c, $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica, 1 ft. high, $2.50 doz.; 2 ft. high, $3.00 doz.; 4 ft. high, $4.00 doz.
J. Steckler Seed Co., New Orleans, La.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias St. Louis and Bonfire, $1.00 100. Cash. Buckley Plant Co., Springfield, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
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SEEDS.

CALIFORNIA SEEDS. New and rare varieties.

Flowers.	Height.	Smp. Pkt.
Fremonti californica, yellow	10 ft.	25c
*Romneya Coulteri, white	9 ft.	25c
*Dendromecon rigidum, yellow	8 ft.	25c
*Delphinium cardinale, red	6 ft.	15c
Argemone hispida, white	3 ft.	15c
Heuchera rubescens, red leaves, flesh.	10 in.	25c
*Dicentra chrysantha, gold	5 ft.	20c
*Datura Wrighti, purplish	5 ft.	15c
Calochortus invenustus, lavender	2 ft.	15c
Allium Parryi, rose	16 in.	15c
Potentilla gracilis, yellow	2 ft.	15c
*Pepper Bush, red berries, white	30 ft.	10c
*Tobacco tree, yellow	15 ft.	10c
Pentstemons, 3 kinds, red, blue, rosy.	3 ft.	20c
*White sage, white foliage, white	7 ft.	10c
*Black sage, dark foliage, white	4 ft.	10c
*Malvastrum Thurberi, lavender	9 ft.	15c
*Astragalus crotolarae, white, procumb.		15c
Salvia columbarae, blue	2 ft.	15c
Dodecatheon lancifolium, lavender	18 in.	20c
*Oenothera, 2 varieties, rosy-white, procum.,		25c
Mentzelia laevicaulis, canary	3 ft.	20c
*Helianthus Parishi, yellow	12 ft.	15c
*Yucca Whippiei, purplish	10 ft.	10c
*Washingtonia robusta, palm, white	60 ft.	25c
*Trichostema, "blue-curls," blue	18 in.	10c
Phacelia circinata, lavender	2 ft.	20c
Aphyllon commosum, brown	1 ft.	25c
*Eriogonum fasciculatum, rosy	3 ft.	20c
Encelia californica, yellow	4 ft.	10c
Antirrhinum Coulterianum, white	3 ft.	25c
Vitis californica, grape	30 ft.	10c
Convolvulus occidentalis, pink-white	10 ft.	15c
*Nogales, native black walnut	25 ft.	25c
Sisymbrimum canescens, white	2 ft.	15c
*Photos of typical plants, each		10c

W. G. WRIGHT, 445 F St., San Bernardino, Cal.

Kentia Belmoreana and Forsteriana, 15c 12, 60c 100, $4.00 1000. Asparagus Sprengeri, 5c doz., 20c 100, $1.00 1000. Smilax, pkt., 10c; oz., 25c; lb., $2.50. Phoenix canariensis, 10c doz., 25c 100, $2.00 1000. P. reclinata, 15c doz., 50c 100, $4.00 1000. Shasta daisy, 5c doz., 20c 100, $1.25 1000.
H. H. Berger & Co., 47 Barclay St., New York.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate.
Loomis Floral Co., Loomis, Cal.

Johnson & Stokes' MAMMOTH VERBENAS. New crop seed. Is unsurpassed for immense size of florets, large trusses and beautiful, bright and distinct colors. J. & S. Choice mixed, 2000 seeds, 20c; oz., $1.00. Separate shades, white, pink, scarlet, purple and striped, 2000 seeds, 25c; oz., $1.25.
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Smilax, 2-in., 75c 100.
E. I. Rawlings, Quakertown, Pa.

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Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

VEGETABLE PLANTS.

CABBAGE—Charleston and Jersey Wakefield, Succession and other early varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.
CELERY—White Plume, Golden Heart, Giant Pascal and other varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.
PARSLEY—Small plants from seed bed, 25c per 100, $1.25 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

ASPARAGUS ROOTS. 100,000 Palmetto and 400,000 Conover's Colossal asparagus roots, also 150,000 Barr'a Mammoth, all strong, vigorous 2-yr-old roots. Send for price list.
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Verbenas. 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular.
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Vincas, both kinds. Large vines for 5 and 6-in., 3c. Lamprecht Bros., Ashland, O.

Vinca major, 6-in., $3.00 doz.
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5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
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Violets protected from frost. Big clumps of Swanley White, $3.00 per 100. 2½-in. Campbell and Swanley, $1.50 per 100.
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Princess of Wales violets, field-grown plants, at $6.00 to $10.00 per 100; $60.00 to $75.00 per 1000. WM. SIM, Cliftondale, Mass.

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Stock from the Berkshire Hills. Hardy cut fancy and dagger ferns, sphagnum moss, laurel, bouquet evergreens, festooning, wreaths, spruce and hemlock boughs. Satisfaction guaranteed. Write H. J. SMITH, Hinsdale, Mass.

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Galax leaves. All orders receive personal and prompt attention.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
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Fresh and clean, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. 2½ bbl. bale, 75c; 10 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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We carry a large assortment of colored raffia grass on hand for immediate shipment.
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Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

PLEASE stop my advertisement for the present. Have done even better than I hoped; will be with you again soon.—S. J. GALLOWAY, Eaton, Ohio.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

The Kew Belladonna.—The superiority of this form of Amaryllis Belladonna over the other two, viz., the type and that known as blanda, may now be seen at Kew, where all three are flowering in the border against the south wall of the orchid house. There are twelve flowers open on one scape of the Kew variety, whereas on the others not more than five can be found. The flowers are larger and the color a richer shade of rosy-crimson than in any other Belladonna. The origin of this fine plant is doubtful. It is supposed to be the result of a cross between Brunsvigia Josephinæ and a Belladonna lily; but Mr. Baker, after carefully examining the plant, was of opinion that it was nothing more than an exceptionally fine variety of A. Belladonna. The cross between these two has since been carefully made at Kew, and the progeny will soon be old enough to flower; we shall then see if there is anything in the story of the origin of the Kew Belladonna. It is certain, at any rate, that this cross can be made.

Ipomoea Rubro-coerulea.—This lovely convolvulus is sometimes seen in hothouses, but rarely in the open ground. Being a native of southern Mexico, it requires to be started in a warm temperature; but when the plants have attained a height of eighteen inches to two feet they may well be used for the decoration of the conservatory, or even planted against a sunny wall in the open. There are over 300 species of ipomœas, the majority of which are not in cultivation, but none exceeds in beauty the subject of this note. The large flowers, from three inches to four inches in diameter, are of a lovely pale-blue tint, and are rivaled in hue by no other plant in the open garden. The plant is an annual, but will continue to flower under glass protection, where sufficient heat is afforded, until December or January. In the open its season of beauty is naturally of shorter duration; but there is no reason why it should not be used to ornament warm walls through August and September. The present summer has been exceptionally wet, dull and windy, yet for the past five weeks this species has afforded a charming picture on a south wall, where its twining growths ascend perpendicular wires to a height of four feet, and charm beholders with numbers of pale-blue flowers. The plants are put out in rich and porous soil in mid-July, when the first flower-buds are just formed. They are grown singly in 4½-inch pots, and care should be taken not to disturb the ball in planting. Few are aware what beauty they miss by not employing this lovely annual convolvulus for affording color to southern walls with its clear blue flowers in late summer and early autumn.

KNIPHOFIA RUFA.

Several species of the red hot poker plant have been introduced from South Africa recently, including that under notice, which hails from the Orange River Colony. I should not recommend it for those who believe only in big heads, such as are produced by the common K. aloides, but it nevertheless has a beauty of its own, and bears its stems much more gracefully than the heavy-headed ones, says a writer in the Gardening World. The spikes vary from two and one-half feet to three feet in height, and bear a raceme of flowers rather sparsely placed over the stem, so as to form a sort of open spike. These flowers are dusky red at first, but they change after expansion to a clear bright yellow, except the short lobes at the mouth, which are nearly white. The three-edged leaves are narrower than those of the common species, and of a light glaucous green. It is well worthy of cultivation for late summer and early autumn effect.

PANDANUS VEITCHII.

To have well colored plants of this useful stove subject it is necessary to keep up a stock of young plants. As a rule, when they become old they lose the variegation which is their chief characteristic, says the Gardening World. Those that have become green or too large to be of service may now be destroyed, and the highly colored suckers pulled off from the base, taking pains to retain roots where possible. Insert these singly in small pots; a suitable compost consists of three-fifths good friable loam to one each of peat and leaf-soil, adding some nodules of charcoal, silver sand, a little bone-meal, and a handful of lime. Plunge in a frame or propagating pit, and when well rooted place on a light shelf and grow on gently all the winter. No repotting should be performed until the following February, when they may be shifted on into a size larger pot and grown on in heat freely. A fruitful source of green foliage may be attributed in great measure to over-potting and over-watering.

Pewaukee, Wis.—Frank Scholl will embark in the greenhouse business on Ormsby street, this town affording a good opening for such an enterprise.

I think it only right and just to encourage you in your work of editing the best florists' paper in America, by saying that if I could only afford one paper it would be the Review.—A. J. Boothman, Adams, Mass.

PACIFIC COAST.

Redlands, Cal.—The City Nurseries have opened a flower stand at Spoor's drug store, in charge of Mrs. A. F. Parker.

PLANT NOTES.

Japanese Stock.

The season will soon be at hand when large shipments of trees and shrubs will be received through the San Francisco custom house from Japan. The taste of the public has undergone somewhat of a change in the past ten years regarding Japanese stock, and such articles as fancy leaved maples, cedars, single camellias, junipers and azaleas are no longer in great demand at fancy prices in this section of the country. We depend upon Japan, however, for cheap camellias, rhapis, cycas, aspidistras, sword-ferns, fern baskets and several varieties of hardy palms.

Before laws regarding scale bugs and injurious insects were so strictly enforced as they are at present it was al-

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HOW TO GROW IT.
FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands of every grower.

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Florists' Publishing Company,
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A Complete Reference Book for Commercial Florists.
Over 200 large pages.
Handsomely illustrated.
Following is a list of the subjects covered.

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Alocasia
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Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
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Begonia
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Bouvardia
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Browallia
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Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
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HardyPerennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
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Lysimachia
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Musa
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Nepenthes
Nierembergia
Oleander
Orchids
Othonna
Oxalis
Packing Flowers
Packing Plants
Paeonia
Palms
Pandanus
Panicum var.
Pansy
Pelargonium
Peperomia
Perilla
Petunia
Phlox
Pinks
Poinsettia
Potting
Primula
Rhododendron
Richardia
Ricinus
Roses
Salvia
Santolina
Sedum
Seed Sowing
Selaginella
Shading
Skimmia japon'a
Smilax
Soils
Solanum
Stephanotis
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Price, $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

most impossible to get anything that was not infested with some sort of a bug. It took a long time to convince the Japanese nurserymen that they had to keep their stock clean, and many consignments were burned by order of the local inspectors before we were able to get stock in good condition.

The Japanese camellias have to a great extent superseded the European varieties. Although they do not have such a variety of shades, especially in the light colors, many of them are very beautiful and succeed very well as garden plants when the situation they are planted in suits them. All they require is heavy soil, good drainage and plenty of water in the summer season. Many people try to grow them as pot plants, but unless they are watched very carefully they do not thrive well. Plants can be landed in San Francisco, 18 to 24 inches high, full of flower buds, in assorted colors, at from $20 to $25 per hundred.

Japanese azaleas are not to be compared with Azalea indica, and although the single white varieties are very fine and very hardy the other colors are not so desirable. Aspidistras are grown in the open ground in Japan very largely and are sold by the leaf instead of according to the size of the clump. It is almost impossible to have them delivered here so that the leaves will be perfect enough to make a salable plant when potted and it is generally necessary to keep them over a year before they are really good.

Cycas revoluta is perfectly hardy here and if it was not of such slow growth it would make an admirable garden palm, but it is handled principally in pots and is not so hardy as a kentia, that is it will not stand as much rough usage. The rhapis is also hardy and succeeds well with us in sheltered situations. It is of very slow growth but large specimens are very effective. The livistona is a very desirable palm and perfectly hardy, as are also several varieties of chamærops. We have acclimated most of the desirable varieties of Japanese bamboos and we find that they do as well here as they do in the native climate.

Tree peonies are very beautiful but not very satisfactory as garden plants. Fern baskets have not sold well for several years, although at one time they were in great demand. Japanese deciduous magnolias do not sell well and of late years they have been sending us large quantities of grafted Magnolia grandiflora—the most popular variety here. G.

SAN FRANCISCO.

The Market.

I am inclined to think that business was not as good during Thanksgiving week this year as it was in the corresponding week a year ago. We have been having beautiful, bright days for the past week and this, coupled with warm nights, has brought into market an abundance of flowers, and prices were low. Violets seem to be scarce; in fact, they are the only flower that was not plentiful. We had plenty of violets last year at this time, but they seem to be slow in blooming this season, and $1.25 per dozen bunches was the ruling price. Long-stemmed American Beauties were in scant supply but other varieties of roses were plentiful enough and of very good quality. Brides and Maids sold at from 50 cents to $1 per dozen, according to quality. Testout and Kaiserin brought 75 cents and $1, and Liberty and Meteor 50 cents to $1 per dozen.

Carnations have advanced about 25 cents per dozen on fancy varieties and other sorts about 15 cents per dozen during the past two weeks. Chrysanthemums are plentiful but are not offered in such abundance as they were a few weeks ago. The outdoor flowers can be had at from $2 to $4 per hundred and the indoor flowers at from 75 cents to $1.50 per dozen. Bonnaffon and Mrs. Jerome Jones are the varieties being cut from under glass at this time. Red Christmas berries are coming into market from the interior and they are handled in large quantities by some of the florists and by the street venders.

Notes.

Geo. Tyler, of Alameda, who has been engaged in carnation growing for several years, has sold out his business to a Japanese firm.

Frank Pelicano, the Kearney street florist, reports plenty of work in the funeral line during the past week.

Wm. Harmon, for many years with J. Seulberger, of Oakland, has severed his connection there and is at present with H. M. Sanborn of Fourteenth street. G.

500,000 Rooted Carnation Cuttings Now Ready.

TRANSPLANTED AT SAME PRICE.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	6.00	50.00	225.00
White Cloud	1 00	9.00	35.00
Pink.			
Lawson	$1 40	$12.50	$60.00
Marquis	1 00	9.00	35.00
Genevieve Lord	1.00	9.00	35.00
Argyle	1 00	9.00	35.00
Mrs. Joost	1.20	10.00	40.00
Mermaid	1.20	10.00	40.00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.50	20.00	90.00
Cressbrook	2.50	20.00	90.00
Mrs. Roosevelt	6.00	55.00	250.00
Enchantress	6.00	55 00	250.00
Success	4.00	35.00	150.00
McKinley	6.00	55.00	250 00
Triumph	1 20	11.00	50.00
Wm. Scott	1.20	11.00	50.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10.00	40 00
Estelle	1.50	14.00	65.00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Adonis	7.00	65.00	300.00
Crimson.			
Harlowarden	$5.00	$45.00	$200.00
Gov. Roosevelt	1.20	11.00	50.00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14 00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450.00
Marshall Field	5.00	45.00	200.00
Tiger (Fancy)	5.00	45.00	200.00
Stella	3.00	25.00	100.00
Bradt	1.75	15.00	70.00
Armazindy	1.00	9.00	35.00

2500 at 5000 rate.

Unrooted Cuttings at half price.

TERMS:—Spot Cash. No discount given, no matter how large the order. We prepay express charges at above figures to your city. If on arrival they are not satisfactory return at once and money will be returned at once; we cannot vary from these terms.

California Carnation Co., Lock Box 103. Loomis, Cal.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1 20	$10.00	$ 40 00
Flora Hill	1 20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125 00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25 00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40 00
Mermaid	1.20	10.00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5 00	45 00	200.00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Mauley	3.50	30 00	140 00
G. H. Crane	1.20	10 00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65 00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65 00	300.00
Crimson			
Harlowarden	5.00	45 00	200.00
Gov. Roosevelt	1.20	11 00	50 00
Yellow			
Eldorado	1.00	9 00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60.00
Gaiety	3 00	25.00	115.00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

CASH WITH ORDER.

We prepay express charges and guarantee satisfaction. We have as fine rooted cuttings as were ever grown. If our cuttings are not satisfactory return at once and your money will be refunded.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Q. Louise	$1 20	$10 00	Mrs. Hig'bo'm	$1.50	$12.00
Flora Hill	1.20	10 00	Mrs. P. Palm'r	1 50	12.00
Mrs T. Laws'n	1.40	11.00	Eldorado	1 20	10 00
Mermaid	1.00	10 00	Prosperity	1.40	12.50

Unrooted cuttings half price. Cash with order, express paid.

THE KNOLL NURSERIES, Penryn, Cal.

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

WE could not do business without your paper.—CALLISTER-SMITH, Irondequoit, N. Y.

I CONSIDER the REVIEW the best paper for florists yet published.—E. J. HULL, Olyphant, Pa.

THERE is no paper that comes to me which is read with more real interest and benefit than your excellent publication, and I trust it may remain with us long, and continue to improve.—WM. M. LINDSAY, Birmingham, Ala.

CHRISTMAS IS COMING!

May we send you

Our Christmas Bells?
Our Christmas Stars?
Our Scarlet Immortelles?
Our Perfection Crepe Paper?
Our Latest Porto Rican Mats?
Our Statice (Scotch Heather) Wreaths?
Our Ruscus (Smilax) Wreaths?
Our Beech and Laurel Wreaths?
Our Bohemian Glass Vases?
Our Fancy French Baskets?
Our Natural Green Stem Wire?
Or anything else you need?

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America. 50, 52, 54 and 56 North Fourth St., Philadelphia.

Mention the Review when you write.

WICHITA, KAN.

The Market.

The Thanksgiving trade was fairly satisfactory and held its own, with a slight gain over last year, which was a record maker for that day. Good chrysanthemums sold well and at fair prices. Beauty roses were also good property, with a fair demand for common roses, carnations and violets. Good chrysanthemum plants also sold well. There was not much advance in prices on cut flowers and indications are that the buyers on this day expect to get a good deal for their money.

Notes.

F. Xeuchenmeister has resigned his position as park superintendent, giving as his reason that he needed all his time for his own business in his greenhouses in Riverside. His strong point this year is carnations.

C. A. Rose put a new roof on his greenhouse this fall and has added a nice wall case to his store on Main street.

C. P. Mueller is tending strictly to business, with a good lot of carnations and general stock. Mr. Mueller, so it is reported, contemplates extensive changes and additions the coming summer.

The Hersey Greenhouses, of the North End, were "in it" this season with some good mums and say that it pays to grow good stock.

Harry L. Hunt & Co. is the sign in the window of a new store on one of the best corners in the city, sharing the room with the United States Express Company. Mr. Hunt has been connected with the trade in Wichita for more than fifteen years and for the last four years has carried on a business at his own greenhouses near College Hill.

W. H. Culp & Co. find their new location on Market street, to which they moved a year ago, very satisfactory, but would respectfully remark that it is no fun to move a greenhouse plant, even if it is only across the alley. They had a good lot of chrysanthemums this season, having probably the most shapely, even sized, salable plants ever grown in Wichita. Mr. Culp has built himself a new modern ten-room residence, into which he has moved lately.

Uniontown, Pa.—Mrs. Sarah A. Barton died November 27 at the advanced age of 81 years. She was a most estimable woman and the mother of R. S. and W. R. Barton, the florists.

Open

Folding Christmas Bells.

Exclusive agents for Chicago for Reed & Keller, New York.

THE MOST POPULAR NOVELTY OF THE SEASON.

6-inch, $3 00 per doz.
9-inch, 6.00 per doz.
12-inch, 9.00 per doz.

Closed

SINNER BROS., Wholesale Florists, 58-60 Wabash Ave., Chicago.

Mention the Review when you write.

Stock Plants--Chrysanthemums

	100	each
Appleton, Mrs. Coombes, Nellie Pockett, Eaton, Chadwick, Estelle (best early white)	$8.00	.10

	100	doz.
Golden Wedding, Murdock, Robinson, Henderson, Polly Rose, Pacific, White and Yellow Jones	$5.00	.75

All strong plants from bench.

Cyclamens---Best Giant Strain---Fine Christmas Stock in Bud and Bloom.

4-inch	$1.00	per doz.	$ 7.00	per 100
5 inch	2.00	"	15 00	"
6-inch	4.00	"	25.00	"

No order filled for less than $1. Cash please.

CRITCHELL'S

AVONDALE - - - - CINCINNATI, OHIO.

Mention the Review when you write.

A FINE LOT OF **FERNS,** Assorted Varieties, in 2½ and 3-inch pots, $2.00 per 100.

Wagner Park Conservatories

SIDNEY, OHIO.

Mention the Review when you write.

FERNS.

In order to get the room for other stock will make the following low prices on Ferns, etc.:

	Per 100
Bostons—2½-inch	$ 5.00
" 3-inch	10.00
" From bench, ready for 4-in.	12.00
Anna Foster—From bench, ready for 2½ and 3-in. pot	5.00
Neph. Cordata Compacta, 2-in.	3.00

Fancy Ferns for Dishes.

A. Pubescens, P. Sieboldii, P. Ouvrardi P. Cretica Albo-Lineata, P. Adiantoides, P. Serrulata Cristata, P. Wimsetti, Asp. Tsussimense, per 1000, $20.00.

Asparagus Plumosus—2-in., per 100,	$3 00
" **Sprengeri**—2-in., "	2.00
Baby Primroses 2-in. "	2.00
Coleus—In variety, 2-in. per 1000,	10.00

The above stock is in good condition, and guarantee the same to please. Cash or satisfactory reference from unknown parties.

GEO. L. MILLER CO., Newark, Ohio.

Mention Review when you write.

BOSTON FERNS.

We have in stock for the holiday trade several thousand Boston and Compacta Ferns, as fine as there are in the market, in all sizes from 4 inches up, at prices that will attract you. Also **Araucarias** and **Rubbers.**

Write for prices.

RIDGE LAWN GREENHOUSES,
PINE RIDGE, BUFFALO, N. Y.

Mention Review when you write.

Our stock of Decorative Plants is in fine condition. All are clean, vigorous, healthy Plants of good color, which will sell on sight, and we are certain will please you : : : : : : : : :

DREER'S

SPECIAL OFFER OF
Decorative Plants
FOR THE HOLIDAYS

PALMS

Areca Lutescens.

			Per doz.	Per 100
3-inch pots	2 plants in a pot	12 to 15 inches high	$1.25	$10.00
4-inch "	3 " " "	15 to 18 " "	3.00	20.00
5-inch "	3 " " "	18 to 24 " "	5.00	40.00
6-inch "	3 " " "	30 " "	1.00	each.
7-inch "	3 " " "	36 " "	1.50	"
8-inch "	3 " " "	36 to 42 " "	2.50	"
10-inch "	3 " " "	48 to 54 " "	10.00	"

Cocos Weddeliana.

A fine lot of 3-inch pot plants, just right for Fern Dishes or for small Jardinieres, 10 to 12 inches high—$2.00 per dozen, $15.00 per 100.

Cocos Flexuosus.

One of the finest Palms grown for decorating; tall, slender and graceful. We offer a limited number of 9 inch pots and tubs, with 3 to 4 leaves, 7 to 8 feet high; just the right plant for decorating, $7.50 each.

Latania Borbonica.

			Per doz.	Per 100
4-inch pots	5 to 6 leaves	15 inches high	$2.50	$20.00
6-inch "	6 to 7 "	18 to 20 " "	6.00	50.00

Phoenix Canariensis.

A nice lot of plants in light wood tubs, about 4 feet high, $5.00 each. These are an exceptionally fine lot of plants.

Kentia Belmoreana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
5-inch "	5 to 6 "	20 to 24 " "	9.00	70.00
6 inch "	6 to 7 "	20 to 24 " "	1.00	each.
6-inch "	6 to 7 "	28 to 30 " "	1.25	"
6-inch pots	6 to 7 leaves	30 to 36 inches high	1.50	each.
7-inch "	6 to 7 "	36 to 38 " "	2.00	"
8-inch "	6 to 7 "	38 to 40 " "	2.50	"

Kentia Forsteriana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
4-inch "	5 to 6 "	15 to 18 " "	4.50	35.00
6-inch "	6	24 to 30 " "	1.00	each.
6-inch "	6	30 to 32 " "	1.25	"
6-inch "	6 to 7 "	32 to 36 " "	1.50	"
7-inch "	6 to 7 "	36 to 40 " "	2.00	"
8-inch "	6 to 7 "	42 to 45 " "	2.50	"
8-inch "	6 to 7 "	45 " "	3.00	"
8-inch "	6 to 7 "	4 feet " "	4.00	"
8-inch "	6 to 7 "	4½ " "	5.00	"
9-inch "	6 to 7 "	5½ " "	6.00	"
10-inch "	6 to 7 "	6 " "	7.50	"
10-inch "	6 to 7 "	heavy 6 " "	10.00	"
12-inch tubs	6 to 7 "	6 to 7 " "	20.00	"
12-inch "	6 to 7 "	7 to 8 " "	25.00	"

The largest sizes of Kentia Forsteriana, from $5.00 up, are among the best values in this line of stock that we have ever offered. They are excellent, either for retailing or for decorating.

Made-up Kentia Forsteriana.

5-inch pots,	4 plants in a pot	each, $0.60
12-inch "	3 to 4 plants in a pot, 5½ to 6 feet high	" 12.50
10-inch tubs,	3 plants in a tub, 6 to 6½ feet high	" 15.00
12-inch "	3 " " 7 feet high	" 20.00

Kentia Sanderiana.

As a plant for table decoration, we know no other Palm so graceful and hardy as this pretty Kentia.

4-inch pots,	18 inches high, 1 plant in a pot	each, $1.00
4-inch "	16 to 18 inches high, 3 plants in a pot	" 1.25

Phoenix Rupicola.

6-inch pots, 24 inches high.....each, $1.50

MISCELLANEOUS DECORATIVE PLANTS.

Araucaria Excelsa.

4-inch pots	6 inches high	2 tiers	each,	$0.30
4-inch "	10 " "	3 "	"	.40
6-inch "	11 to 16 " "	3 to 4 "	"	.75
6-inch "	16 to 18 " "	4 to 5 "	"	1.00
6-inch "	18 to 20 " "	4 to 5 "	"	1.25
7-inch "	22 to 24 " "	4 to 5 "	"	1.50

The sizes offered at $1.00, $1.25 and $1.50 each are the best values we have ever sent out in this popular Christmas plant.

Araucaria Excelsa Glauca.

6 inch, pots,	3 tiers, 15 inches high	each,	$1.25
7-inch "	4 " 18 " "	"	1.50

Aspidistra Lurida.

A nice lot of 5-inch pots of the green-leaved variety; strong plants, with 5 to 6 leaves, 50 cents each, $5.00 per dozen.

Asparagus Plumosus Nanus.

3-inch pots, 75 cents per dozen; $6.00 per 100; $50.00 per 1000; 5-inch pots, $2.00 per dozen; $15.00 per 100.

Aucuba Japonica.

A most useful and cheap plant for winter decoration; fine for dark hallways and similar positions where Palms will not succeed.

Bushy plants,	15 to 18 inches high	30 cents each; per dozen,	$3.00
" "	20 to 24 " "	40 " " "	4.50
" "	24 to 28 " "	60 " " "	7.00

Pyramid-Shaped Box.

A lot of nice shapely specimens 3 feet high, 16 to 18 inches in diameter, $2.00 each.

Standard or Tree-Shaped Box.

Stems about 20 ins. high, crowns 16 to 18 in. in diameter, $1.25 each.

Dwarf Bushy Box.

A lot of bushy plants about 12 inches high, suitable for use in window boxes, $2.50 per dozen, $20.00 per 100.

Bay Trees, Standard or Tree Shaped.

				Each
Stems 42 to 45 inches high,	crowns 24 to 26 inches in diameter			$ 6.00
" 42 to 45 " "	" "	26 to 28 " "		7.50
" 45 " "	" "	30 to 32 " "		10.00
" 45 " "	" "	34 to 36 " "		12.50
" 45 " "	" "	40 to 42 " "		15.00

Bay Trees, Pyramidal Shaped.

			Each.
4½	feet high, 24 to 26 inches in diameter		$ 6.00
5 "	" 26 to 28 " "		7.50
6 "	" 30 to 32 " "		10.00
6 to 7 "	" 36 " "		15.00
6 to 7 "	" 42 " "		20.00

Dracaena Sanderiana.

A nice lot of 2¼-inch pots suitable for centers of Fern Dishes, $2.00 per dozen, $15.00 per 100.

Ficus Elastica.

A nice lot of 6-inch pot plants about 20 inches high: $6.00 per dozen.

Ferns in Choice Mixture for Fern Dishes.

2¼-inch pots, $3.00 per 100; $25.00 per 1000; 3 inch pots; $6.00 per 100; $50.00 per 1000.

Adiantum Cuneatum.

An extra nice lot of plants suitable for cutting or retailing; 4-inch pots, $1.50 per doz., $12.00 per 100; 6-in. pots, $3.50 per doz., $25.00 per 100.

Ferns, Special Varieties.

For a full line of Ferns of all the popular varieties, see our current wholesale list.

Pandanus Veitchii.

A fine lot of 6-inch pot plants, $1.00 each.

Pandanus Utilis.

3-inch pots, $1.25 per dozen, $10.00 per 100; 4-inch pots, $2.50 per dozen, $20.00 per 100.

New Golden Pandanus—"Pandanus Sanderi."

The larger sizes, 6-inch pots up, are all fine specimens; just the right thing for a Christmas novelty. They will appeal to your customers and meet with ready sales.

Good strong plants,	in 3-inch pots	each,	$0.75
" " "	in 4-inch "	"	1.00
Fine specimen plants	in 6-inch "	"	2.00
" " "	in 7-inch "	"	3.50
Beautiful specimen plants	in 8-inch pots	"	7.50
" " "	in 10-inch "	"	10.00
" " "	in 12-inch "	"	15.00
" " "	in 15-inch tubs	"	25.00

PLANTS FOR FORCING.

Azaleas for Easter Forcing.—Orders for Azaleas received on or before December 24th will be executed at import prices. After this date spring prices will take effect. 10 to 12-inch crowns, $4.50 per dozen, $35.00 per 100; 12 to 14-inch crowns, $6.00 per dozen, $45.00 per 100; 14 to 16-inch crowns, $7.50 per dozen, $55.00 per 100.

Although Mme. Van der Cruyssen continues very scarce, we are in position to include 25 per cent. in the 10 to 12-inch and 12 to 14-inch sizes, and 15 per cent. in the 14 to 16-inch size.

Hardy Azalea Mollis, for Forcing Early—Azalea Mollis is gaining more favor every season. It can be forced into flower quickly at a trifling cost of heat and labor. Its colors are most pleasing and the first cost of the plants very low. We are supplying at present an unusually fine lot of well budded bushy plants, 15 to 18 inches high, $4.50 per dozen, $35.00 per 100.

Dentzias, for Forcing.—Strong two-year-old, field-grown plants, suitable for 6 and 7-inch pots. Gracilis, 75 cents per dozen $6.00 per 100; Gracilis Rosea, $1.00 per dozen, $8.00 per 100; Gracilis Lemoinei, $1.00 per dozen, $8.00 per 100.

Forcing Lilacs.—A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, $6.00 per dozen, $45.00 per 100.

Rhododendrons, for Forcing.—Rhododendrons are being used more extensively every year for forcing, and in anticipation of an increased demand we have this fall imported a large number of well-shaped, finely-budded plants of varieties especially suited for forcing, and we are in position to offer exceptional values in this line in plants covered with buds. 20 to 24 in. high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 in. high, $1.50 each, $15.00 per doz., $115.00 per 100.

HENRY A. DREER, Philadelphia, Penna.

GRAND RAPIDS.

The Market.

Thanksgiving was notable in some respects. A week in advance of the day itself prices stiffened, enough flowers could hardly be obtained to supply retail trade and a steady, heavy shipping demand, that was better than last year. The Saturday preceding shippers bought up what stock was available at home, and one firm is known to have had nearly 1,500 carnations shipped in from Chicago and had not a scrap left at night. The market is now as active as could be desired.

Roses are about equal to the demand but carnations are scarce, especially red, white being the easiest to obtain. American Beauties are scarce.

Chrysanthemums are about over and we heave a sigh of relief and make a memorandum of the varieties we must grow for next season. Violets are good and in fair supply. As a whole, business was about the same in volume as last year. Prices as follows: Roses, $1 to $1.50 per doz.; A. B.'s, $2 to $4 per doz.; carnations, 50 to 75 cents per doz. Some of the small greenhouses were retailing carnations at 35 cents. The weather was moderately cold and fine and retail trade in harmony with it.

Notes.

Smith Bros. have sold their greenhouses at John Ball Park to a Mr. Tuinisma, an employe of the Standard Oil Co. here; he has engaged his brother to run it.

Recent visitor: Mr. Eschner, of M. Rice & Co., Philadelphia.

G. F. C.

WILLIAMSPORT, PA.—D. E. Gorman has been visiting at New York and Philadelphia.

MANCHESTER, O.—George R. McNeil, florist and vegetable plant grower, has sold his stock of plants to W. V. Cooley.

DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention the Review when you write.

WE MUST HAVE ROOM.

Double Alyssum 3-in., $2.50 per 100. **Hydrangeas,** field-grown, 8 to 12 flowering shoots, $15.00 per 100. **Jerusalem Cherries,** dwarf, bushy, well berried, 6-in. pots, $2.25 per doz. **500 Wm. Scott Carnation Plants,** from field, make me an offer for the lot; or $3 50 per 100. **Boston Ferns,** very bushy, 5 in. pots, $2.50 per doz.; 6-in., $4.00 per doz. **English Ivy,** field-grown, $4.00 per 100. **Violets,** field-grown, large plants, California $4.00; Campbell $3.00per 100. Cash please.

Converse Greenhouses, Webster, Mass.
Mention the Review when you write.

CHINESE PRIMROSES!

In bud and bloom, 4-in. $6.00 per 100.
Primula Obconica—In bloom, 4-in., $6.00 per 100; 3-in., $3.00 per 100; 2¼-in., $2.00 per 100, 300 for $5 00. **Cinerarias**—2¼-in., $2 00 per 100, 300 for $5.00; 3-in., $3.00 per 100. **Asparagus Sprengeri**—4-in., $6.00 per 100.

C. WHITTON, City St., Utica, N. Y.
Mention Review when you write.

HUGH GRAHAM
....FLORIST....
104 S. 13th Street, Philadelphia
Write for Quotations on all Choice Plants.
Mention the Review when you write.

BOSTON AND PIERSONI FERNS.

We are the largest growers in the West of these fine pot plants, and have an extra fine stock for the **Holiday trade.** Can give them to you in any size, 2½, 3 4, 5, 6, 7, 8 and 10-inch. Nothing that you handle makes as much money for you as this stock.

To close out — 10,000 2-inch **Sprengeri** at a very low price. Fine **Cinerarias, Primula** and **Obconica. Geraniums,** cuttings and 2½-inch stock in red, white, pink and salmon.

Cuttings of Mrs. Fisher Carnations for summer blooming now ready. Write— **GEO. A. KUHL, Pekin, Ill.**
Mention the Review when you write.

100,000 SMALL FERNS. Best commercial varieties, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.
NEPHROLEPIS PIERSONI, strong plants 2½-inch pots, $3.00 per doz.; $22.00 per 100
NEPHROLEPIS ANNA FOSTER, strong plants, 2½-inch pots, 75c per doz.; $6.00 per 100

PRIMROSES. **OBCONICA GRANDIFLORA, ALBA, ROSEA, FIMBRIATA,** $3.00 per 100; $25.00 per 1000 Cash.

OECHSLIN BROS., 1688 W. Madison St., Chicago.
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.

JOHN SCOTT,
Keep St. Greenhouses, Brooklyn, N. Y.
Headquarters ....for Bostons
Fine "PIERSONI" in 2¼-inch pots.
The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

Pelargoniums
ROOTED CUTTINGS.
15 varieties, all named, **$2.25** per 100, prepaid. Cash with order. Write—
S. D. BRANT, - CLAY CENTER, KAN.
Mention the Review when you write.

500,000 Verbenas
60 FINEST VARIETIES.
Perfectly Healthy. Free from Rust.
Rooted Cuttings, 60c per 100: $5.00 per 1000
Plants .....$2.50 per 100; $20.00 per 1000.
Our list is the choice of millions of seedlings.
SEND FOR CIRCULAR.
J. L. DILLON, Bloomsburg, Pa.

Peacock's ....Dahlias
For plants or bulbs address
W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.
Mention Review when you write.

As a CHRISTMAS ....PRESENT
To an appreciated employee or a friend in the trade, nothing will prove more acceptable and give more satisfaction than a copy of
The Florists' Manual
By WM. SCOTT.
It is a complete reference book for commercial florists and is exceedingly useful as well as handsomely bound.
PRICE $5.00, carriage prepaid.
FLORISTS' PUBLISHING COMPANY, CAXTON BUILDING, **CHICAGO.**

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.

GRAFTED ROSE PLANTS, ready April 1st. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

PARTRIDGE

HAS

"NELSON FISHER"

AND

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. **"Nelson Fisher"** has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12.00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,

"Bloomhurst," Station R. CINCINNATI, O.

Mention the Review when you write.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

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ALTERNANTHERAS

Rooted Cuttings.....50c per 100, postpaid
2½-inch pots, strong, stocky plants, $2.00 per 10

HENRY ERNST & SON, Washington, Mo.

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

GEORGE REINBERG

51 Wabash Ave., **CHICAGO.**

CARNATION CUTTINGS

We are now booking orders for Carnation Cuttings. All orders will be filled strictly in rotation as received. Send in your orders at once and get the early plants.

We have the following varieties from which we can supply cuttings and will sell at the market prices for good stock:

Enchantress, Boston Market, Bradt, E. Sheppard, Lawson, Harry Penn, Fair Maid, Gov. Wolcott, Prosperity, Adonis, Harlowarden, Fragrance, The Queen, Eldorado, Manley, Joost

All our plants are vigorous and healthy and having the best facilities for rooting we are prepared to fill large or small orders.

Long Distance Telephone.

BACKER & CO., Billerica, Mass.

Always Mention the....

Florists' Review

When Writing Advertisers

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000
Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,

LARCHMONT, N. Y.

Mention Review when you write.

New Carnation..... LOUISE NAUMANN

DON'T MISS to send your orders in for February delivery. $1.25 per doz.; $8.00 per hundred; $70.00 per thousand.

G. M. NAUMANN,

Doan Street, CLEVELAND, OHIO.

Mention the Review when you write.

Rooted Carnation Cuttings.

McGowan..... $1.25 per 100; $10.00 per 1000
Asparagus Sprengeri, 2½-inch, $2.00 per 100
White Lilac, 7 ft., $30.00 to $35.00 per 100. Cash

ROCKVILLE GREENHOUSES,
ROCKVILLE CENTRE, L. I., N. Y.

Mention The Review when you write.

TORONTO.

The Market.

With the increased demand for cut flowers and the decreased supply, stock has been gradually rising in price and present prospects point to a big shortage in all lines for Christmas. The great number of novelties in the shape of bells, etc., that have been introduced this year, have made it a conundrum as to whether the demand for cut stuff will be as large as formerly. However, we are sure of one thing; that the supply will not be equal to former years and no doubt everything will be sold up.

A number of large decorations have been put up this last week by our leading florists and quite a quantity of southern smilax has been used to good effect. There seems to be a nice demand for it when we can get it good, but the trouble has always been that being so far away from where it is gathered, the bulk of it has arrived in anything but good condition.

The Show.

The chrysanthemum show that was held under the auspices of the Toronto Horticultural Association was a huge success. While the exhibition was not as large as has been held in the old Horticultural pavilion, yet it was large enough to pack St. George's hall so that the space for spectators was small. In chrysanthemums Miller & Sons, of Bracondale, took all the firsts. In roses the Dale estate was the only exhibitor and put up a fine display. In carnations things were pretty evenly divided between J. H. Dunlop and the Dale Estate, while Wm. Fendley, of Brampton, and C. Turp, of this city, came in for a few premiums. The display of orchids was exceptionally good, the prizes going to Exhibition park, Wm. Hill and Manton Bros. D. J.

AVONDALE, PA.

E. J. Cloud's place is in fine shape and promises a splendid crop for Christmas. He has a house 24x60 containing 800 plants of mignonette which is a sight. The growth is something remarkable and at least 5,000 spikes will be ready for Christmas. The carnations also look good and the smilax and peas, all in the same house, are all right. There are 500 calla lilies in 6-inch pots. They have made a wonderful growth and each shows three or four flowers or buds. Mr. Cloud says that last year his callas averaged nearly twenty-five flowers per plant. When a neighbor asked him how he did it his answer was, "Dum' luck."

STOCK MUMS. Get these and you'll make no mistake.

We sell them—strong healthy plants.

Estelle (early white), Appleton (early yellow), Rieman (yellow), Quito (pink), $3.00 per 100.

Liger, (early pink), White Chadwick, Yellow Chadwick, $10.00 per 100

Asparagus Sprengeri, 2½-inch pots, $2.00 per 100. Gravillea robusta, 2½-inch pots, $2.50 per 100.

RIDGE LAWN GREENHOUSES,
PINE RIDGE, BUFFALO, N. Y.

CHAS. D. BALL,
GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention the Review when you write.

KENTIA FORSTERIANA--Fine Stock.

3-inch pots, 10 to 12 in. high, 4 to 5 leaves		$2.00 per doz.	$15.00 per 100
4-inch pots, 15 to 17 "	4 to 6 "	4.00 "	30.00 "
5-inch pots, 20 to 24 "	5 to 6 "	.75 each.	7.50 per doz.
6-inch pots, 26 to 28 "	5 to 6 "	1.25 "	15.00 "
7-inch pots, 32 to 34 "	5 to 6 "	2.00 "	24.00 "
10-inch pots, 60 to 64 "	5 to 6 "	9.00 "	

BOSTON FERNS.

4-inch	$2.00 per doz.	$16.00 per 100	
5-inch	3.00 "	25.00 "	
6-inch	$6.00 per doz.	$50.00 per 100	
Larger sizes up to		5.00 each.	

Send for complete illustrated price list, mailed free.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, **CHICAGO**

Mention the Review when you write.

The Anna Foster Fern

VERY LOW PRICES. LARGE STOCK.

Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.

BOSTON FERNS.

Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.

Asparagus Plumosus Nanus.

3-in., $8.00 per 100. **SPRENGERI**—3-in. $5.00 per 100. Just right for pans.

Kentia Palms. Ficus.

L. H. FOSTER,
45 King Street, DORCHESTER, MASS.
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LARGE ARECA LUTESCENS PALMS.

Several plants to pot, 6½ to 7 ft. high $12.50 per plant. Several plants to pot, 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6 inch pots, 2½ ft. high, $9.00 per doz. plants. 2 and 3 plants in 4-in. pots, 18 to 22 inches high $4.00 per doz. plants.

LATANIA PALM PLANTS.

8-inch pots, 1 plant to pot, 8 to 10 leaves, $18.00 per doz. plants. 6-inch pots, 1 plant to pot, 7 to 9 leaves, $9.00 per doz. plants. 6-inch pots, 1 plant to pot, 5 to 7 leaves, $6.00 per doz. plants.

Kentias, Pandanus, Boston Ferns, etc.
Prices on application.

J. W. COLFLESH,
53rd St. and Woodland Ave. **Philadelphia, Pa.**
Mention the Review when you write.

NEW CHRYSANTHEMUM

STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell, Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Minnie Bailey, Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Uwanta.

The above 25c each. $2.50 per dozen.

Oreaco, Bentley, Iolantha, Bruant, Lady Harriet, Robert Halliday, 15c each, $1.50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.
Mention the Review when you write.

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

Mention the Review when you write.

Cyclamen giganteum, large flowered, $5.00 per 100; 4-in., $10.00 per 100.

Primroses, Chinese and Obconica, extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00; 4-inch, in bud and bloom, $6.00 per 100. **Asparagus Plumosus Nanus,** from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100. **Sprengeri,** from flats, ready for potting, $1.00 per 100; $5.00 per 1000. 4-inch, $6.00 per 100; 2¼-inch, $1.50 per 100; $12.50 per 1000. **Ferns**—A. cuneatum (Maidenhair Fern), 5-inch, $2.00 per doz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
Mention the Review when you write.

Extra Special Offer:

R. C. Gov. Wolcott, finest white carnation grown, $35.00 per 1000. R. C. Enchantress, finest light pink carnation grown.....$50.00 per 1000. Lawson, $20.00 per 1000.

30,000 strong, healthy plants of the above to propagate from.

Mum Special:

Stock plants of Liger, Richardson, Yellow Eaton, Chautauqua Gold, while they last, $1.50 per doz.; $10.00 per 100. Chadwick, Yellow Chadwick, Eaton and other standard sorts, 75c per doz.; $6.00 per 100. Order now. Stock shipped as soon as varieties are cut out.

POEHLMANN BROS. CO., Morton Grove, Ill.
Headquarters for finest cut American Beauties.
Mention the Review when you write.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Alhatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
Mention Review when you write

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.
Mention Review when you write.

CHRYSANTHEMUM STOCK PLANTS.

Ready for immediate shipment—Omega, Lady Harriet, Halliday, R. H. Pearson, Vivi-and-Morel, Robinson, Col. Appleton, Timothy Eaton, Fee du Champsaur, at $8.00 per 100. White and Yellow J. Jones, Golden Wedding, Princess Bassaraba, Malcolm Lamond, Weeks, Mrs. Perrin and Bonnaffon, at 8c. Chadwick at 10c. Park, 5c. Yellow Eaton, Marie Liger, Louis Leroux, Mlle. M. Douillet, Columbia, Berlioz and Baden Powell at $10.00 per 100. Ivory and Parr, at $5.00 per 100.

Boston Ferns—7-inch, $1.00 each; 8-inch, $1.25 each; 9-inch, $1.50 each. CASH OR C. O. D.

W. J. & M. S. VESEY - Fort Wayne, Ind.

MUM STOCK PLANTS.

Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each; large stock. Alice Byron, Mrs. F. J. Tranter, F. J. Taggart, Gold Mine, 15c each; stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.

W. A. CHALFANT - Springfield, Mo.
Mention Review when you write.

The E. G. HILL CO.'S OFFER OF GERANIUMS! GERANIUMS!

We have houses full of all the FINEST and MOST SELECT VARIETIES of the VERY CHOICEST GERANIUMS.
This offer is for YOUNG ESTABLISHED PLANTS from 2¼-inch pots.
Don't bother to get rooted cuttings. The losses are too great. Get our fine young plants.

The following at $2 00 per 100; $20.00 per 1000:
S. A. Nutt, Richard Brett, La Favorite, Mrs. J. M. Gaar, Mrs. E. G. Hill, Alice of Vincennes, Precurseur, Jean Viaud, Jacquerie, Richelieu, Ville Poitera, Marvel, A. Ricard.

The following magnificent sorts at $2.50 per 100; $22.50 per 1000:
Gen'l Leonard Wood Mme. Abbema, Mme. Cibiel, Richmond Beauty, Le Soliel, M. Canovas, Mons. P. Blondeau, Fleur Rose, Beaute Poitevine, Countess de Harcourt, Jean Madeline, Tamatave, Le Constable, Louis Francoise, Bellerphon, Clyde, Mme. Landry, Decorator, Thos. Meehan.

Marquis Castellane.

This is unquestionably the finest of all bedding geraniums. Better than Nutt or Trego. Fine also for pots. $3.00 per 100.

Mme. Trego.

Fine scarlet, good for pots, $5.00 per 100.

Happy Thought, coming back into popular favor, $3.00 per 100.

Mrs. Pollock, fine old tricolor, $1.00 per 100.

Mountain of Snow, finest silver leaf, $4.00 per 100.

Prince Bismarck, very scarce and the best bronze, $5.00 per 100.

Our unequaled collection of

IVY Geraniums.

$3.00 per 100; $25.00 per 1000.

Incomparable,	Achievement,
Chas. Monselet,	Joseph de Maistre,
Chas. Turner,	Le Printemps,
La Foudre,	Galilee,
Eden Machil,	Baden-Powell,
Mrs. J. G. Day,	Mrs. Hawley.

Beauty of Castle Hill.

Leopard, $5.00 per 100.

ALL THE ABOVE READY NOW.

A CHARMING LOT OF NOVELTIES will be priced and described in our January list.

The E. G. HILL CO., - - RICHMOND, IND.

Mention the Review when you write.

Fancy Carnations

Blooms and Cuttings.

Select blooms, $3.00 per 100; good stock, $2.00 per 100. The following "Bread and Butter" varieties, guaranteed true to name, well rooted and free from disease, ready for delivery Dec. 15, 1903. "Be Wise" and order early: Enchantress, $6.00 per 100. Innocence (white), Dorothy, Enquirer (pinks), Gov. Wolcott, $3.00 per 100. Lawson, Prosperity, $2.00 per 100; $18.00 per 1000. White Cloud, Glacier, Crane, $1.50 per 100; $12.50 per 1000. F. Hill, Joost, Marquis, $1.25 per 100; $10.00 per 1000.

Geraniums—The following superb bedders: Jean Viaud, Alp. Ricard, Mme. Buchner, S. A. Nutt, E. G. Hill, B. Poitevine, strong rooted cuttings, $1.50 per 100; $14 00 per 1000.

Petunias—Double fringed, ten novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salvias—St. Louis, Bonfire, $1.00 per 100.

Smilax—2¼-inch, special price, 60c per 100; $5.00 per 1000. Cash.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention Review when you write.

BOSTON FERNS.

2½-in., $4 00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

PIERSONI FERNS, young plants from bench, $15.00 per 100; 2½-in., $20.00 per 100; 4-in., 50c each; 5-inch, 75c each. Also bench-grown **Bostons**, in all sizes. All stock extra fine.

Cash with order.

DAVIS BROS., Geneva, Ill.

Mention the Review when you write.

Asparagus Plumosus Nanus

Strong Plants

3-inch	$1.20, per doz.	$8.00 per 100
4-inch	1.50 "	10.00 "

Asparagus Sprengeri—4-inch, $1.00 per doz.; $8.00 per 100. **Chinese Primroses**—In bud and bloom, single and double, mixed, 4-inch, $1 50 per doz.; $10 00 per 100.

JOHN R. SHREINER, Lancaster, Pa.

Mention Review when you write

Geraniums.

Rooted Cuttings.

Enough to supply half the United States.

Buchner, best double white, $1.50 per 100; $10.00 per 1000. **Jean Viaud**, best double pink, $1.50 per 100 $10.00 per 1000. **In assortment**, my selection, all labeled, $1.50 per 100; $12.50 per 1000. These prices good only until Dec. 12th.

ALBERT M. HERR, Lancaster, Pa.

Mention the Review when you write.

PREPARE NOW FOR

CHRISTMAS SALES

You will find the following stock a good investment, being in first-class condition and a superior grade for the price:

NEPHROLEPIS

Piersoni	2¼-in. pots,	per 100,	$20.00
"	5 -in.	each,	1.00
"	6 -in.	"	1.50
Bostoniensis	5 -in.	"	.25
"	6 -in.	"	.35
Cordata Compacta	5 -in.	"	.25
"	6 -in.	"	.35
Alyssum	per 100,		2.50
Chinese Primroses (Pink),	3-in.,	"	5.00
Begonia Incarnata	4-in.,	"	6.00
Asparagus Plumosus	2½-in.,	"	5.00
" "	3-in.,	"	8.00
" "	3½-in.,	"	10.00
" **Sprengeri** (Field Grown),		"	5.00
Smilax		"	3.00

NATHAN SMITH & SON

ADRIAN, MICH.

Mention the Review when you write.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

Asparagus Sprengeri,

2-inch.....$1.20 per 100.

Smilax, 2-inch	$ .75	per 100
Dracaena Indivisa, 2-inch	2.50	"
Cryptomeria Japonica, 2-inch	5.00	"

E. I. RAWLINGS, Quakertown, Pa.

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Geraniums, Etc.

From 2¼-inch pots. GOOD STOCK. Not less than FIVE of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana	40c	2 50
Ageratum, Stella Gurney and white,	40c	2.00
Baby Primrose, "Primula Forbesii"	40c	2.00
Coleus, 10 varieties	40c	2.00
Chrysanthemums, Hardy Pompons, over 60 varieties. Orders booked now for spring delivery. Send for list.		
GERANIUMS, such varieties as Centaur, Gilbert M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc	40c	2.00
Grasses, Erianthus Ravennae, Eulalia Sirlat s, Gracillima Univittata and Japonica Zebrina		5 00
Hardy English Ivy		2.00
Hardy English Ivy, rooted cuttings		.75
Holt's Mammoth Sage	40c	2.00
Lemon Verbena		2.50
Lantanas, 10 varieties	40c	2.00
Parlor Ivy	40c	2.00
Pilogyne Suavis	50c	2.50
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria**, 2¼-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please.

Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON,

WHITE MARSH, MD.

Mention The Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention the Review when you write.

RHODODENDRONS

Large stock of forcing varieties just received; plants are well budded. All the good ones, such as Mrs. John Waterer, Kate Waterer, Prince Camille de Rohan, Catawbiensis Grandiflora and several other good kinds. Write us for list of varieties and prices.

Ozone Park Nurseries, Ozone Park, L. I., N.Y.

Mention the Review when you write.

ST. PAUL.

The following are the complete first premium awards at the recent chrysanthemum show:

Holm & Olson were first on specimen plant white, with May Foster; on yellow, with Georgiana; on pink, with Mrs. W. B. Chamberlain; on "any other color," with The Bard; on twenty-five single-stemmed, not less than five varieties; on twelve yellow blooms, with Appleton; on twelve blooms "any other color," with Quito; on six yellow, with Appleton; on specimen fern, with Piersoni; on decorative plant, with Pandanus Sanderi; on twenty-five Queen of Edgely, Brides, Bridesmaids, Kaiserins, Gates, Chateaay and on "any other variety," with Ivory; on fifty white carnations, with Norway; on red, with Estelle; on dark pink, with Nelson Fisher; on twelve light pink, with Enchantress; on "any other color," with Fenn; on vase arranged for effect, with Enchantress; on chrysanthemum design.

L. L. May & Co. were first on collection of twelve plants, with the following varieties: Garza, Pink Ivory, The Bard, Mrs. Perrin, Domination, Mrs. Robinson, Kate Leach, John Shrimpton, Niveus, Mrs. Whildin, Lincoln, Ivory; on three whites, with Ivory, Robinson and Weeks; on three pink, with Pink Ivory, Mrs. Perrin and Kate Leach; on three yellow, with Lincoln, Golden Wedding and Whildin; on three "any other color," with Ivory, Lincoln and The Bard; on six cut blooms, "any other color," with Intensity; on specimen palm, with Cycas Revoluta; on fifty light pink carnations, with Enchantress; on "any other color," with Patten; on twelve white, with White Cloud; on dark pink, with Fisher.

A. S. Swanson was first on four blooming plants other than 'mums, with cypripediums; on twelve blooms pink, with Viviand-Morel; on six white, with Eaton; on six pink, with Morel; on vase of fifty blooms, with Morel; on basket of chrysanthemums, on group of decorative plants, on twenty-five Beauties, on vase of roses arranged for effect, on design of any flowers, on basket of any flowers.

E. F. Lemke was first on twelve white blooms, with Eaton; on 200 double violets, on 100 double violets, on 200 single violets.

Vogt Bros. were first on Pres. Carnot roses, on twelve red carnations, with Adonis; on 100 single violets.

TARRYTOWN, N. Y.

At the meeting of the Tarrytown Horticultural Society, November 24, several new members were elected and James Smith was presented with a gold watch chain and charm for his successful management of the recent flower show. A committee was appointed to arrange for the annual dinner. A premium is offered for the best dozen roses, not over four of one sort, shown at the January meeting. Officers were nominated as follows: For president, James Gibson and Jas. Ballantyne; vice-president, Jos. Bradley and T. A. Lee; secretary, E. W. Newbrand; treasurer, J. T. Lawrie; corresponding secretary, Wm. Scott and T. A. Lee; executive committee, James Smith and Wm. Scott; directors, Dr. R. B. Coutant, F. R. Pierson, F. E. Weeks, Isaac Requa.

HARRISBURG, PA.—The Holmes Seed Co. has been holding a very successful chrysanthemum show.

Pansy Plants.

Fine plants.....50c per 100 $2.50 per 1000

PRIMROSES.

Chinese and Obconica, 2¼-in. pots...$1.25 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "

JOS. H. CUNNINGHAM, - Delaware, Ohio.

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Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., **Chicago.**

Christmas Plants

NOW READY.

Azalea Indica, Simon Mardner, Deutsche Perle and Vervaeneana, in bud and bloom, 75c to $1.00 each. Azalea Mollis, 50c each.

Araucaria Excelsa Our Specialty.

These beautiful, highly favored ornamental plants were selected by myself while in Belgium this summer, and therefore I can give you good value for your money.

JUST LOOK AT OUR PRICES.

Araucaria Excelsa, 5¼-in. pots, 10 to 12 in. high, 3 tiers 50c each, extra good. 4 to 5-in. pots, 10 to 12 in. high, 3 tiers, 35c to 40c. Perfect jewels, 6-in. pots, 17 to 19 in. high, very broad, 3 4 to 5 tiers, 75c each; 6-in. pots, 4 to 5 tiers, 19 to 22 in. high, 90c to $1.00 each. Specimens, $1.25 to $1.50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2.00 to $2.50 each.

Kentia Forsteriana and Belmoreana, 6-in. pots, medium sized, about 30 in., 75c each. Belmoreana, 5½-in. pots, 5 to 6 leaves, 20 to 25 in. high, 50c each. Kentia Forsteriana and Belmoreana, 4-in. pots, 10c each.

Areca Lutescens, 4-in. pots, 10c each.

Boston Ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 25 to 30 inches high, 75c each. Specimens, 7-in. pots, $1.00 each; large 5-inch pots, 25c each.

Primula Chinensis, now in bud and bloom, 5¼-in. pots, $2.00; 6-in. pots, $2.50 per doz.

Cineraria Hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 per 100.

Ficus Elastica (Rubber Plants)—have a large stock of over 2000 of the finest imported Belgium varieties, 6-in. pots, 20 to 25 in. high and up, $4.00 to $5.00 per doz. Specimen plants, $6.00 per doz.; 5 to 5½-in. pots, 18 to 20 in. high and up, 20c to 30c each.

Dracaena Bruanti—These plants are very popular in Europe and America on account of their everlasting green, glossy foliage and easy to keep. Just the right plant to beautify homes, 6-in. pots, 25 in. high and up, 50c each, $5.00 a doz.

Begonias, six leading varieties, including Pres. Carnot (best, largest pink), 4-in. pots, 8c; 3-in. pots, 5c.

Solanum or Jernsalem Cherry, 5, 5½ to 6-in. pots, $2.00 per doz. These are fine plants full of berries.

Chrysanthemum stock. A few leading varieties—Col. Appleton, Timothy Eaton and Pennsylvania, at the rate of $5.00 per 100. Major Bonnaffon, Queen and Halliday, $3.00 per 100.

Cash with order please. Plants are shipped at purchaser's risk. Please state if pots are wanted.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

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Sprengeri Plants.

	Well grown, ready for	
3 -inch pots	$3.50 per 100	$30.00 per 1000
4½-inch pots	5.00 "	45.00 "
6 -inch pots	10.00 "	85.00 "

Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000
Enchantress	6.00 "	50.00 "
Lawson	3.00 "	25.00 "
Prosperity	3.00 "	25.00 "

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3.50 per 100	$30.00 per 1000
3 -inch "	6.00 "	55.00 "

SAMUEL S. PENNOCK,

1612 Ludlow St., Philadelphia.

Mention the Review when you write.

STOCK CHRYSANTHEMUMS. White—Kalb, Queen, Ivory, Bergmann, Robinson, Willowbrook; Pink—Pacific, J. K. Shaw, Maud Dean; Yellow—Whildin, Wedding at $5.00 per 100. Mrs. Chamberlain, Eaton, White Bonnaffon, $7 per 100. Other fine var. later. Strong 3-in. Bride Roses, $4 a 100. W. H. GULLETT & SONS, LINCOLN, ILL

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Demand

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Large

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All the

Best offers

In the

REVIEW

Dec. 10 and 17

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Best that the market affords.

Place your orders with us and you will not be disappointed.

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Wild Smilax

"Superior Quality" Brand.

25 pound case.....$3 50
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Red Berries
Evergreen Wreathing
Bouquet Green Best Indian Picked.
Selected Holly

Write for latest quotations. We meet the market.

All Florists' Supplies

Our Catalogue and Weekly Cut Flower Price List is free to the trade Ask for it.

E. F. Winterson Co.

MODERN SUPPLY HOUSE,
Successor to McKellar & Winterson,
45-47-49 Wabash Ave.
CHICAGO.

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GRACEFUL FLORIDA MOSS
— FOR —
CHRISTMAS TREE DRAPERY.
Price 35c per lb.. f. o. b. Cash with order.
T. ROBERTSON, Port Allen, La.
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Caldwell's Kwality Kounts Brands
Southern WILD SMILAX.

Terms—Cash with orders from unknown correspondents.

And we will do it again! What?

WHY--FILL ALL OF YOUR ORDERS
AT ALL TIMES

SO WILL OUR AGENTS:

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LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
GEO. M. KELLOGG, Kansas City, Mo.
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A full supply always on hand at these points and prices same as ours -- plus cost of carriage.

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EVERGREEN, ALABAMA.

MISTLETOE.

5 lbs.. $1 00; 10 lbs , $1.50; 25 lbs., $2.50
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. GEO. J. STARR, Wilson, N. C.

L. B. BRAGUE,

Hinsdale, Mass.
Wholesale Dealer in
Christmas Trees.

Special attention paid to furnishing in carload lots.
Write for price list and terms.

Also, Wholesale Dealer in Baled Spruce for Cemetery and Park use. Bouquet Green, Sphagnum Moss, etc.

Mistletoe

FOR THE HOLIDAYS.

Give us your inquiries.

The Walker Seed Co.
Oklahoma City, Okla.

ST. PAUL.

The Market.

As far as I can learn everybody in the trade here was well pleased with Thanksgiving. Trade came at the last moment, however, but few advance orders being placed. Stock was pretty well cleaned up, though there was enough to go around. The demand for Beauties and violets was exceptionally good. Mums sold well and carnations, as usual, were prime favorites.

Green and holly are now in and some of the larger stores are beginning to don holiday attire. Holly seems plentiful and of good quality, but bouquet green is very scarce.

The weather is now favorable and a big Christmas cut is being anticipated by the growers. December is the dark and cloudy month and every day of sunshine means dollars to the growers.

Notes.

L. L. May & Co. had a rather unique window for Thanksgiving, the center feature of which was a plump turkey gobbler made of galax leaves and mums. This was designed and executed by Gust Colberg, the manager of the retail store.

A. S. Swanson has a full house of poinsettias, grown to perfection; just right for the Christmas trade.

Visitors during the week were J. McHutchison, of New York, and L. P. Lord, of Owatonna. X. Y. Z.

CHESTER, PA.

The arbitrators have given an award of $8,000 for the minor children of Thomas F. Delahunt, the florist, against the United Telephone Company. Mr. Delahunt was killed in his greenhouse on April 9, 1902, by a shock of electricity while he was answering a call at the telephone, and it was shown that a wire of the defendant company was crossed with an electric light cable. The company will appeal the case.

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Rustic Work

OF EVERY DESCRIPTION.

We are the largest manufacturers of rustic work in the United States. Special discount to the trade. Send for catalogue and prices. Special work made to order.

DUNNE & CO., 54 W. 30th St., New York.

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J. L. ELLIOTT,

Pure Pulverized Sheep Manure and Unleached Hard Wood Ashes

for sale by the BAG, TON OR CARLOAD.

Send for sample and price list.

Office: 120 E. 3rd St., Factory: 8 Mechanic St., So. Bethlehem, Pa.

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Flower Stands

Made in 12 Sizes. 16 inches to 66 inches high.

Used by Progressive Florists in arranging effective displays at every Function.

Avoid expensive accidents to valuable plants falling from insecure supports by using The ANDERSON Flower Stand. Purchasers of one dozen or more can have name in raised letters on every stand without extra charge. Catalogue of sizes free for the asking.

W. H. Anderson & Sons, (Inc.)

21-31 St. Aubin Ave.

DETROIT, - - MICH.

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LIGHTNING FLOWER POT WASHER

Washes all sizes of pots, clean as new, about as fast as you can handle them. Strong plants are only grown in clean pots. Send for description.

Sold direct $15.00 net, f. o. b. Joliet. C. E. FINLEY, JOLIET, ILLINOIS.

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KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

I. N. Kramer & Son

CEDAR RAPIDS, IA.

For sale by the E. F. WINTERSON CO., CHICAGO; C. C. POLLWORTH CO., MILWAUKEE, WIS.; VAUGHAN'S SEED STORE, NEW YORK and CHICAGO.

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CUT FLOWER BOXES.

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always.

Size No. 0....3x4 x20..	$2.00 per 100;	$19.00 per 1000
" No. 1....3x4½x16..	1.90 "	17.50 "
" No. 2....3x6x18....	2.00 "	19.00 "
" No. 3 ...4x8x18....	2.50 "	23.00 "
" No 4....3x5x24....	2.75 "	26.00 "
" No. 5....4x8x22....	3.00 "	28.50 "
" No. 6....4x8x28....	3.75 "	36.00 "
" No. 7 ...6x16x20...	5.50 "	54.00 "
" No. 8....3x7x21....	3.00 "	28.50 "
" No. 9....5x10x35...	6.50 "	62.00 "
" No. 10...7x20x20...	7.50 "	67.00 "
" No. 11...3½x5x30..	3.00 "	28.50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.

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PURE Sheep Manure

DRIED, UNPULVERIZED AND PULVERIZED. Write for prices.

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It costs you nothing to get our prices. We guarantee the quality of our **Greenhouse material.**

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TOBACCO STEMS.

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GROWERS ALL OVER THE COUNTRY WRITE SIMILAR LETTERS

OSSINING, N. Y.
I have used your FUMIGATING POWDER for some years and I have always found it first-class; there is no danger of it killing anything except the green fly, which it does with dispatch. I never use anything else for insecticide, nor do I wish anything better. Yours truly.
C. BARSON.

BATH ME.
We use your Fumigating Powder and we are never troubled with aphis; it does not harm the blooms in the least, and we find it the cheapest way to fumigate—and we have tried everything that is on the market.
Yours truly,
JOHN H. RAMSEY & CO.

NORTHAMPTON INSANE HOSPITAL, MASS.
After using your Fumigating Powder I must say that in fifteen years' experience with various methods of killing aphis, I find this the most effectual and economical method I have yet tried.
Yours respectfully,
GEORGE W. THORNILY.

BAYSIDE, N. Y.
I have been using your Fumigating Powder for the last three years and find it very effective. It is cheaper than the extracts and does not shrivel the carnation as stems do. Smoking two nights in succession will kill the green fly.
Yours truly,
WM. BELL.

We will mail at your request our booklet telling about the FUMIGATING KIND TOBACCO POWDER. We guarantee satisfaction or money back. Free trial bags for the asking. THE H. A. STOOTHOFF CO., Tobacco Powder Hobbyists, 118 West St., New York.

Improved Recording Thermometer
JUST THE THING
FOR YOUR GREENHOUSE

No. 200.
Send for catalogue and prices.
THE HELIOS-UPTON CO.,
PEABODY, MASS.
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TO-BAK-INE
APHIS.... ....PUNK
DEATH TO THRIPS
Green and Black Fly and all Greenhouse Pests

Specially prepared paper thoroughly saturated with PURE NICOTINE. Can be EASILY used. POSITIVELY EFFECTIVE. Free from ammonia. Will not injure ANY greenhouse plants.

1 Box (12 Rolls).....$0.60 1 Case (12 Boxes).....$6.50

Send for booklet on To-Bak-Ine Powder and on To-Bak-Ine Liquid; also "Words of Wisdom" by prominent growers.

Manufactured only by Detroit Nicotine Company
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SELLING AGENT.

...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.
Made with two or three circles.
Prompt shipment guaranteed
Pat. July 27, 1897; May 17, 1898.
Write for prices and circulars.
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Nicotine Mfg. Co.
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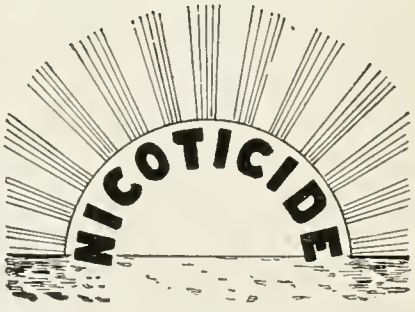

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Absolutely Reliable
BUG KILLER
Tobacco Warehousing & Trading Company, Louisville, Ky.
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"THE MODEL" GLAZING POINT.
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Zinc. Practical. Durable.
By Mail, package of 1050 points, 45c.
Western Agent, Vaughan's Seed Store, Chicago.
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(Inc.) Mfg. Model Extension Carnation Support,
206-8 Jersey St., Harrison, N. J.
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Greenhouse Material.
HOTBED SASH.
Of Clear La. Cypress and Wash. Red Cedar.
BEST GRADES. PERFECT WORKMANSHIP.
A. DIETSCH & CO.
615 to 621 Sheffield Ave., CHICAGO, ILL.
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AMERICAN FLOWER and TREE TUB.
Made from Everlasting CYPRESS.

Various sizes, green or natural finish. Castings black.
Feet and bolts packed inside tubs for shipment.
We also have the neatest Plant Stand on the market.
Send for Catalogue C905.
American Wooden Ware Mfg. Co., Toledo, Ohio
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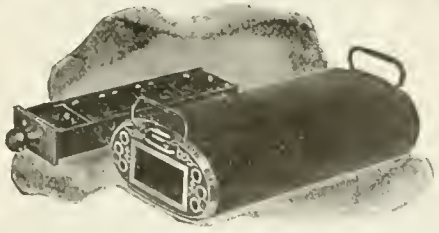
Save Your Plants From Freezing.



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$2.25 and up, and lasts a life-time

....CLARK PREPARED COAL....

A GOOD, FAT, SOLID BRICK, that is absolutely reliable.

Costs one cent for eight hour's driving. No Flame, No Smoke, No Odor, No Gas—just heat—"concentrated heat." 75 cents a dozen cakes; $6.00 per hundred.

MUCH THE BEST THING ever offered to Florists at any price. Used by discriminating buyers all over the world.

SEND FOR CATALOGUE AND PRICES.

CHICAGO FLEXIBLE SHAFT CO., 100 LaSalle Ave., CHICAGO.

Mention the Review when you write.

DENVER, COLO.

The Market.

Thanksgiving day here was warm and pleasant, more like a summer day, and all plants could be delivered without covering of any kind. Take it on the whole, trade was about the same as last year, some establishments reporting better trade and others not so good. Still there did not seem to be much left over in cut flowers. Of plants there were more than the demand. Chrysanthemums, as it was the winding up of the season, were hardly up to the standard, but sold at $3 to $4 per dozen. Of roses and carnations there was a good supply. Roses brought $1.50 to $3 per dozen. Beauties $5 to $10, carnations 75 cents to $1.50 and some extra Enchantress brought more. In plants Begonia Lorraine, cyclamens and poinsettias took the lead.

Notes.

Scott & Reynolds have leased a store in the Masonic building for the month of December, after which they will remove to the store at Sixth and Champa.

The Park Floral Co. is getting its new store at Seventeenth and Broadway fixed up elegantly and expects to open soon.

E. Glauber, of Montclair, who has his rose houses mainly planted with Mme. Chatenay, made an elegant display in one of the most conspicuous windows of the city on November 28. The entire window was filled with Chatenay roses, with a card stating who they were grown by and that they could be purchased of any flower dealer in the city.

THORN.

CHICOPEE FALLS, MASS.—E. R. Macomber says cut flowers were in good demand for Thanksgiving. Chrysanthemums have been in good supply and sold well, but are nearly past. Carnations are doing well.

DETROIT, MICH.—Some of the leading local florists are using a very neat, light but strong extension plant stand manufactured by W. H. Anderson & Sons, of this city. Breitmeyer, Sullivan, Taepke, Schroeter, in fact all those who do any amount of decorating have them and find them very useful. The manufacturer casts on each stand the name of the buyer, when the order is for one dozen or more stands.

INSURANCE of your PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

LEHMAN WAGON HEATER

There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn Lehman Coal which costs less than half a cent per hour. ☞ 200,000 Lehman Heaters are in use which clearly shows they have merit. Florists everywhere use and recommend them. Have you one? Write for circular telling more about them.

LEHMAN BROS. MANUFACTURERS, 10 Bond Street, NEW YORK.

J. W. ERRINGER, General Western Sales Agent, 45 E. Congress St, CHICAGO, ILL.

EXPRESS WRITE FOR CATALOGUE.

OF EVERY DESCRIPTION

JOHN C. MONINGER CO. 111 to 125 BLACKHAWK ST. COR. HAWTHORNE AVE. CHICAGO.

High Grade BOILERS

Get our Catalogue. For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000... $6.25. Sample free

For sale by dealers.

100 PER CENT. PROFIT IN SULPHO-TOBACCO SOAP (PATENTED.)

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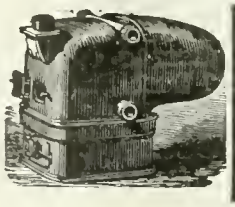

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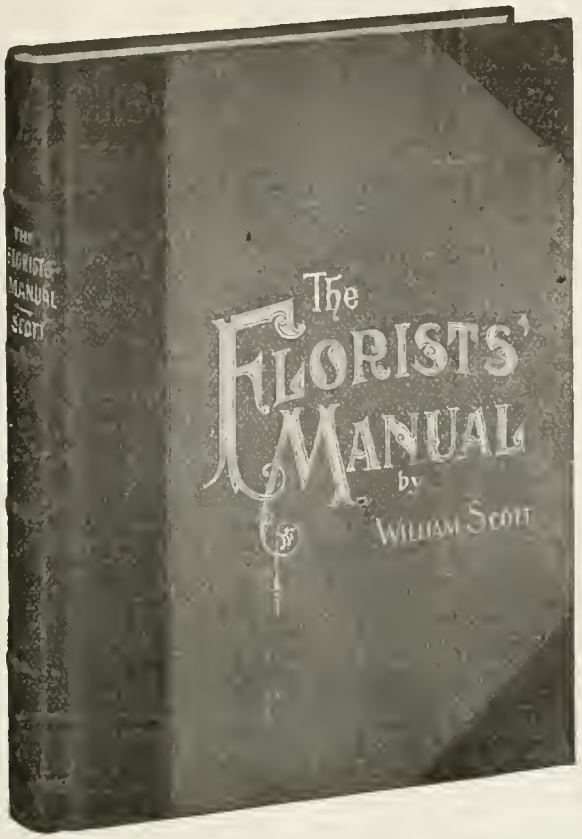

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520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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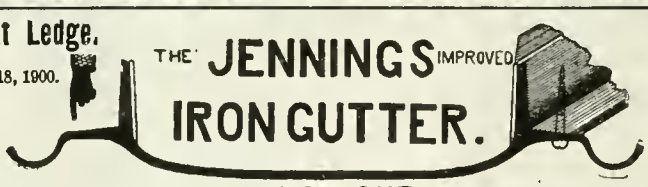

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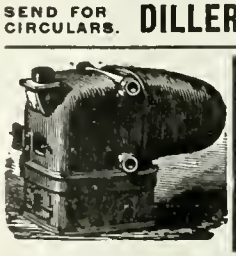

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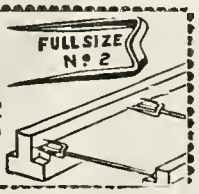

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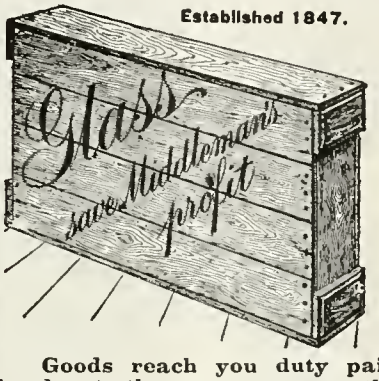

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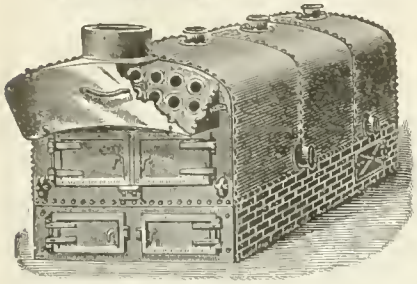

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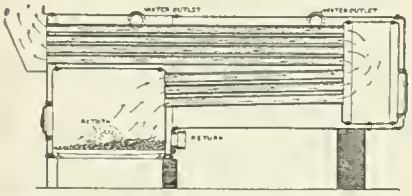

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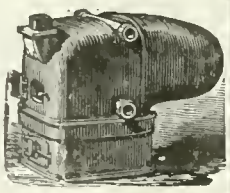

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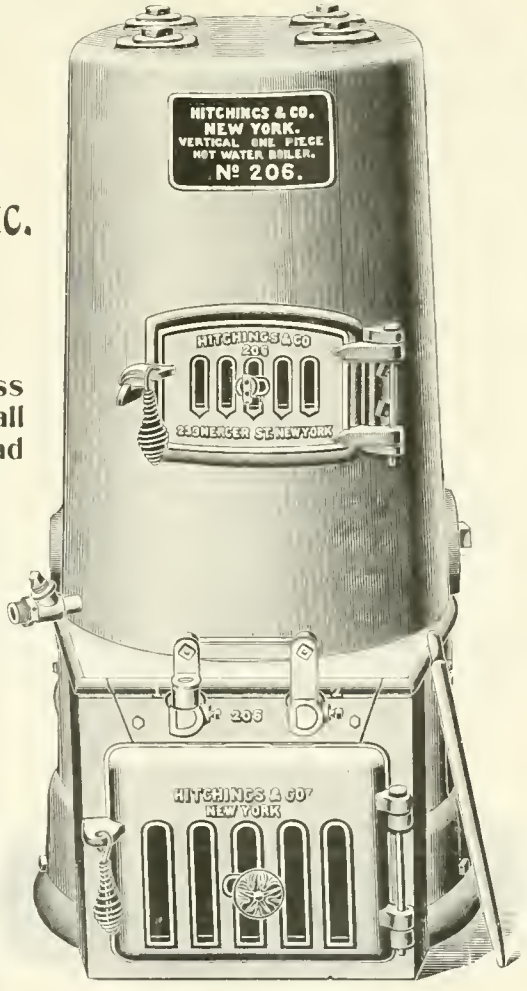
Our Patent Iron and Cypress Construction embraces all modern improvements, and is unexcelled for strength, durability and appearance

Plans and Estimates
for your proposed houses cheerfully submitted

Hitchings & Co.

233 Mercer Street



Established 1844

HITCHINGS Hot Water Boilers

are unexcelled for economy and ease in caretaking

PATENTED IRON SELF-LOCKING SASH OPERATING APPARATUS

Send four cents postage for fully illustrated catalogues on Greenhouse Construction and Heating and Ventilating

Horticultural Architects and Builders

NEW YORK

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, DECEMBER 10, 1903. No. 315.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Xmas Bells

CHENILLE OR IMMORTELLES

BUY DIRECT FROM THE MANUFACTURER. Sample of No. 1 bell prepaid by mail 60c. Convince yourself that you are getting the best shape and most artistic bell.

No. 1	5½ inches	$6 00 per doz.
No. 2	6½ "	9.00 "
No. 3	8 "	12.00 "

Compare the size with those of other dealers. Write for SPECIAL DISCOUNT ON LARGE ORDER.

WM. F. KASTING,

481 Washington Street, **BUFFALO, N. Y.**

KENNICOTT BROS. COMPANY

SEE PRICE LIST ON ANOTHER PAGE OF THIS PAPER

WHOLESALE COMMISSION FLORISTS, 40-44 Randolph St., CHICAGO

Well Rooted - CARNATION CUTTINGS - Ready Now.

Enchantress, light pink	$6 00	per 100;	$50 00	per 1000	
Harlowarden, crimson	6 00	"	50 00	"	
Her Majesty, white	5 00	"	45 00	"	
Lillian Pond, white	5 00	"	45 00	"	
Pres. McKinley, dark pink	5 00	"	45 00	"	
Sibyl, dark pink	5 00	"	40 00	"	
Dorothy Whitney, yellow	6 00	"	50 00	"	
Gov. Wolcott, white	5 00	"	40 00	"	
Estelle, scarlet	$3 00	per 100;	$25 00	per 1000	
Mrs. T. W. Lawson, dark pink	2 50	"	20 00	"	
Mrs. Higinbotham, light pink	4 00	"	30 00	"	
Prosperity	2 50	"	20 00	"	

NEW VARIETIES for January Delivery:

Crusader, best scarlet	$10 00	per 100;	$80 00	per 1000	
Reliance, white	10 00	"	80 00	"	
Moonlight, white	10 00	"	75 00	"	

SEND FOR PRICE LIST OF ABOVE AND OTHER VARIETIES.

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. **JOLIET, ILL.**

Begonia Lorraine,

2¼-inch pots, $15.00 per 100; $140.00 per 1000.

ORCHIDS, JUST RECEIVED: ONCIDIUM VARICOSUM, ONCIDIUM BARBATUM.

PALMS for Florists.

Kentias, Latanias, Livistonas, Arecas, Phoenix, Rhapis, Dracaenas, Crotons, Boston Ferns, etc.

JULIUS ROEHRS, RUTHERFORD, N. J.

HOLLY and GREEN

Xmas Trees, Mistletoe, etc.

We handle THE BEST only.

If you have not bought, please get our prices; they speak for themselves.

THE QUALITY WE GUARANTEE.

SPECIAL CHRISTMAS CIRCULAR READY NOW.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO.

1872 ═══ 1903

ALEX. McCONNELL

☞ Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention..... ☜

Our 31st Annual Christmas Greeting!

Artistic Decorations

Our Xmas Display the largest in our 31 years' experience.

We deal in only the best.

A Merry Xmas to our growers and friends everywhere.

Telegraph Your Orders. **Landscape Work a Specialty.**

No more beautiful gift for Christmas for your friends in and near New York than a basket or box of flowers. Send for catalogue.

546 Fifth Ave., Cor. 45th St., N. W. **NEW YORK CITY.**

Cable Address: ALEXCONNELL. Western Union Code. Telephone Calls: 340 and 341 38th St.

WRITE TO

E. C. AMLING

ABOUT YOUR

Christmas Needs

CHRISTMAS PRICES

Subject to change without notice.

CATTLEYAS, $7 50 per doz. CYPRIPEDIUMS, $3 00 per doz.

BEAUTIES.

Stems 36 inches ..... per doz, $12 00
" 30 " ..... " 10 00
" 24 " ..... " 9 00
" 20 " ..... " 8 00
" 15 " ..... " 6 00
" 12 " ..... " 4 00
" 8 " ... per doz., $1 50 to 2 00

BRIDESMAIDS.

Select ..... per 100, $12 00 to $15 00
Seconds ..... " 8 00

BRIDES.

Select ..... per 100, $12 00 to $15 00
Seconds ..... " 8 00

METEORS.

Select ..... per 100, $12 00 to $15 00
Seconds ..... " 8 00

GOLDEN GATES.

Select ..... per 100, $12 00 to $15 00
Seconds ..... " 8 00

CARNATIONS.

Select, all colors . per 100, $5 00
Large and Fancies " 6 00 to 10 00

MISCELLANEOUS STOCK.

Violets . per 100, $2 00 to $3 00
Valley, select .. " 5 00
Callas ..... per doz., 1 50 to 2 00
Stevia ..... per 100, 2 00 to 2 50
Romans ..... " 3 00 to 4 00
Paper Whites . " 4 00

DECORATIVE.

Asparagus Plumosus, per string, 25c to 50c
" Sprengeri, per 100, $3 00 to $6 00
Adiantum ..... " 1 00 to 1 50
Smilax ..... per doz., 1 50
Ferns ..... per 1000, $2 00; per 100, 25c
Leucothoe Sprays ..... " 75c
Galax, green, $1 per 1000; $7.50 case 10,000
Galax, bronze, $1.50 per 1000; $12 case 10,000

"Special" Stock billed accordingly.

THERE NEVER WAS a time in recent years when there were too many good flowers for Christmas. Almost always there are too few. But **cut flower buyers** may rest assured that there is no other source of supply where one can be more certain of getting what he wants. If seasonable flowers are to be had in Chicago, they are to be had at Amling's.

We shall have large supplies for Christmas

No doubt of that, but just what we can do on late orders it is impossible to foretell. That's why **we urge early correspondence; give us an insight as to your needs.** It will be to mutual advantage.

But if you find yourself running short, don't hesitate; wire us and we will help you out if stock is to be had in Chicago.

We have the cuts of some of the largest growers

for this market and our force is ample to handle every order promptly.

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

32-36 Randolph St., CHICAGO, ILL.

LONG DISTANCE PHONES 1978 and 1977 CENTRAL.

WE ARE NOT GROWERS

But receive daily the cut of 32 producers and are prepared to supply best qualities as well as undergrades at lowest market prices. You will not make a mistake by placing your Christmas order with us now.

E. F. WINTERSON CO.

Successors to McKELLAR & WINTERSON.

POINSETTIAS

are a specialty with us, and we anticipate having some very fine blooms of this beautiful Christmas flower. Supply is not large and early orders are desirable.

Xmas Holly
Xmas Greens

and all Decorative Stock. We are prepared to fill all orders, large or small.

Select Delaware Holly, per case.....$ 4.50
Select Southern Holly, per case..... 4.00
Fresh Picked Bouquet Green—
Write for latest prices.
Bouquet Green Wreathing, per 100 yds..... 4.00
Ilex, Red Berries, per case $2.00, $3.00, 4.00
Wild Smilax, No. 1 Case, $2.50; 2 $3.00; 3 $3.75; 4 $4.50; 5 $5.00; 6 $6.00

Write or wire for prices on large quantities.

Holly Wreaths, Green Wreaths, Magnolia Leaves, Galax Leaves, Leucothoe Sprays, Poinsettias, Smilax, Asparagus, Ferns, California Pepper Berries.

FOR PROMPTNESS, GOOD STOCK AND FAIR TREATMENT
Send your orders to
The Leading Supply House of the West.

XMAS Price List
— ON —
CUT FLOWERS

Xmas prices take effect Saturday, Dec. 19, 1903.
EARLY ORDERS ADVISABLE.

	Per doz.
Beauties, 36 to 40-inch stems	$12.00
" 30-inch stems	$9.00 to 10.00
" 24-inch stems	7.00 to 9.00
" 20-inch stems	6.00 to 8.00
" 15-inch stems	5.00 to 6.00
" 12-inch stems	3.50 to 4.00
" Shorts	1.50 to 2.00
	Per 100
Brides and Maids, Specials	$18.00
" " Firsts	$12.00 to 15.00
" " Seconds	8.00 to 10.00
Perles, Firsts	8.00 to 12.00
" Seconds	6.00 to 8.00
Liberty, Specials	20.00
" Firsts	12.00 to 18.00
" Seconds	8.00 to 10.00
Golden Gate, Firsts	12.00 to 15.00
" " Seconds	8.00 to 10.00
Meteor, Firsts	12.00 to 15.00
" Seconds	8.00 to 10.00
Carnations, Fancy	6.00 to 10.00
" Selects	4.00 to 5.00
Valley	4.00 to 6.00
Roman Hyacinths	3.00 to 4.00
Narcissus Paper White	4.00
Violets, Double Extra	2.00 to 3.00
" Common	1.50 to 2.00
Harrisii, Callas	15.00 to 18.00
Bouvardia	3.00 to 5.00
Stevia	2.00
Smilax	12.00 to 18.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	3.00 to 6.00
Common Ferns.....per 1000, $2.00	.25
Galax Leaves, green, " 1.00	.15
" " bronze, " 1.50	.20
Mignonette	3.00 to 8.00
Marguerites	1.00 to 3.00
Magnolia Leaves	1.00

POINSETTIAS FOR CHRISTMAS.

	Per doz.
Extra Select, longest stems, largest flowers	$5.00 to $6.00
Extra Select, fancy stock	4.00
Good Grade	3.00

Order now and secure finest stock at right prices. You cannot afford to be without Poinsettias for Christmas trade.

E. F. Winterson Co.

MODERN SUPPLY HOUSE,

45-47-49 Wabash Ave., Tel. Main 1129. CHICAGO.

51 Wabash Ave., Chicago

Wholesale Growers of

CUT FLOWERS

We have had a very steady cut of high grade stock all this fall and shall be well fixed to supply your needs

For Christmas.

On **BEAUTY** we lead the market for both quality and quantity, and the same on **LIBERTY**.....

We have all the standard and best new **CARNATIONS** and can supply best grade in quantity.

Buy of the grower and be sure of getting fresh stock.

....CHRISTMAS PRICE LIST....

BOOK ORDERS EARLY

American Beauty—		
Extra long stem	per doz.,	$12 00
30-inch stems	"	10 00
24-inch stems	"	8 00
20-inch stems	"	6 00
15-inch stems	"	4 00
12-inch stems	"	3 00
8-inch stems	"	2 00
Meteor	per 100,	$12 00 to 15 00
Bridesmaids	per 100,	$12 00 to $15 00
Bride	"	12 00 to 15 00
Ivory	"	12 00 to 15 00
Liberty	"	10 00 to 20 00
Golden Gate	"	12 00 to 15 00
Perle	"	8 00 to 10 00
Carnations, good	"	5 00
" fancy	"	6 00
" extra fancy	"	8 00 to 10 00
White Bonnaffon Mums	per doz.,	2 00 to 2 50

All other stock at lowest market rates. The above prices are for select stock. Extra select or interior stock billed accordingly.

No charge for packing. Prices subject to change without notice.

JAMES A. HAMMOND.

Wholesale Commission Florist,

113 W. 30th St., Telephone 854 MADISON SQ. **NEW YORK CITY.**

Christmas Greeting.

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Our Christmas Specialty

FINE ORANGE TREES 1000 OF THEM.

Price from $1.00 up. COME AND SEE THEM.

POINSETTIAS, - - - $35.00 to $40.00 per 100.

IN THE HEART OF **New York City.** **M. A. BOWE**

1294 Broadway

Telephone 2270 38th Street.

The best facilities for filling orders from out of town for Christmas gifts.

Telegraph me your Theatre and Steamer orders. Prompt and careful attention to your interests..... Selected goods at reasonable prices.

Our Motto "THE GOLDEN RULE."

ALL ORDERS for out of town customers given special consideration

To our friends everywhere A MERRY CHRISTMAS!

Nothing more appropriate as a Christmas remembrance than a box of flowers.

PETER REINBERG

51 Wabash Ave., CHICAGO, ILL.

The Largest Grower of

Cut Flowers

IN AMERICA.

Give us your order **For Christmas**

to get the freshest stock, with best keeping quality and have the assurance of supplies such as can only come from a million feet of glass. : : : : :

Besides Beauties and the staple Roses and Carnations we are headquarters for..... **CHATENAY and SUNRISE.**

TRY THESE NOVELTIES AND YOU WILL FIND THEM BUSINESS BRINGERS.

....CHRISTMAS PRICE LIST ...

BEAUTIES.	Per doz.
Extra long	$10 00
30-36-inch stems	8 00
24-inch stems	6 00
20-inch stems	5 00
15-18-inch stems	4 00
12-inch stems	3 00
Short stems	$1 50 to 2 00

	Per 100
BRIDES, good	$10 00 to $12 00
" medium	6 00 to 8 00
MAIDS, good	10 00 to 12 00
" medium	6 00 to 8 00

	Per 100
CHATENAY, extra select 30 in. or over,	$20.00
" select	15.00
" good	12.00
" medium	$8.00 to 10 00
" short	5.00 to 6.00
SUNRISE, extra select	20.00
" select	15.00
" good	12 00
" medium	8.00 to 10 00
" short	5 00 to 6.00
IVORY	8.00 to 12.00
PERLE	6 00 to 10.00
CARNATIONS	6.00

ROSES—Our Selection, short to medium stems, all fresh stock, $6.00 per 100.

NO CHARGE FOR PACKING. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

SINNER BROS.

58-60 Wabash Ave., CHICAGO.

Open

Folding Christmas Bells.

Closed

Exclusive agents for Chicago for Reed & Keller, New York.

The MOST POPULAR NOVELTY of the season.

6-inch, $3.00 per doz.; 9-inch, $6.00 per doz.; 12-inch, $9.00 per doz.

GIVE US YOUR CHRISTMAS ORDER.

Headquarters for VIOLETS and HARDY FERNS.

Being located in the Growers' Market, with large supplies from our own greenhouses and the stock of thirty-eight of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders. A trial order solicited. All flowers billed at market prices on day of shipment.

FERNS, GALAX LEAVES and LEUCOTHOE SPRAYS
OUR SPECIALTIES.

WINTER Cheer

and Christmas Goods

FOR FLORISTS, NOT ONLY IN NEW YORK
BUT ALL OVER THE UNITED STATES.

Everything in Green Goods.

Holly, Princess Pine, Laurel
ALSO WREATHS AND ROPING.

N. LECAKES & CO.

45 W. 29th St., Telephone 1214 Madison Sq. NEW YORK CITY.

QUALITY THE BEST. PRICES REASONABLE.

Branch Store: 53 West 28th St.

Stands at 34th St. Cut Flower Exchange and at Coogan Building, West 26th St. and 6th Ave.

A

Christmas

Greeting from

Charles Millang

Wholesale Florist,

50 West 29th Street,

NEW YORK CITY.

Telephone Nos. 3860, 3861 Madison Square.

GEORGE REINBERG,

Wholesale Cut Flowers

We shall be especially strong on

Beauties—CAN SUPPLY ALMOST ANY QUANTITY.

51 Wabash Ave., CHICAGO.

.....CHRISTMAS PRICE LIST.....

NOTICE—To make the ordering of Beauties simple and saving words by telegraph, I have adopted the following system and standard sizes. The letters following after the length of stem, thus in wiring say: Twenty-five Beauties X, fifty A, and so on down.

American Beauties.

Select 36-inch or longer—X	per doz.,	$10 00
" 30-32-inch—A	"	9 00
" 28-inch—B	"	8 00
" 24-inch—C	"	7 00
" 21-inch—D	"	6 00
" 15-18-inch—E	"	4 00
" 10-12-inch—F	"	3 00
" 8-inch—G	"	2 00
Short Stem—H	"	1 00

Roses.

	Per 100		
Maids	$ 8 00	to	$12 00
Brides	8 00	to	12 00
Golden Gates	8 00	to	12 00
Meteors	8 00	to	15 00
Liberty	10 00	to	25 00
Perles	6 00	to	12 00
Ivory	8 00	to	12 00

The above price for select stock; when cheaper stock is wanted, it can be supplied, our selection, $6.00 per 100.

Carnations.

Red, pink, and white	per 100,	$4 00 to	$6 00
Fancy	"		8 00

Green Goods.

Smilax	per doz.,	$1 50	
Adiantum	per 100,	1 00	
Ferns	per 1000,	2 00	
Asparagus Plumosus	per string,	$0 50 to	75
" " sprays	per bunch,	50 to	75
" Sprengeri, "	"	35 to	75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

NO CHARGE FOR BOXES.

Holly Berry Shade in RIBBONS

Exact match, fine quality, reasonable price.

ORCHID BRAND.

No. 1½	¼	in. wide	Special price,	25c	No. 5	1	in. wide	Special price,	51c	No. 16	2¼	in. wide	Special price,	$1.18
No. 2	⅛	"	"	28c	No. 7	1⅛	"	"	62c	No. 22	2⅝	"	"	1.43
No. 3	⅜	"	"	38c	No. 9	1½	"	"	81c	No. 30	3⅛	"	"	1.67
No. 4	¾	"	"	45c	No. 12	1 5-6	"	"	99c	No. 60	4½	"	"	2.38

Full 10-yard bolts. The best every-day ribbon. **All shades** supplied. This is by far the most satisfactory of all for ordinary use. It fills the bill for almost all occasions, and the above prices cannot be duplicated anywhere, quality considered.

HUNT'S ORIENTAL SATIN TAFFETA.

No. 2	½	in. wide	Special price,	25c	No. 9	1½	in. wide	Special price,	70c	No. 40	3⅛	in. wide	Special price,	$1.66
No. 3	⅝	"	"	35c	No. 12	1⅞	"	"	95c	No. 60	3⅝	"	"	1.77
No. 5	1	"	"	40c	No. 16	2¼	"	"	$1.12	No. 80	4⅛	"	"	1.96
No. 7	1⅛	"	"	55c	No. 22	2¾	"	"	1.37	No. 100	5	"	"	2.25

Full 10-yard bolts. A fine quality for this use. **All other shades** supplied.

Hunt's Chiffon. The most inexpensive and most beautiful decorative material on the market. Costs ¼ as much as ribbon and can be used more effectively in many instances. Ours has that gorgeous lustre. 4 and 6-in. widths, in White, Green, Lavender and Pink, at 6½c and 8½c per yard, respectively. Pieces run 28 to 36 yards each. **Send for samples.**

We have in stock also **Porto Rican Mats, Decorated Crepe Paper, Plain Crepe Paper, Birch-Bark Ware, Holly** (Eastern), **Holly** (Southern), **Wild Smilax, Galax, Immortelles, White and Colored Capes, Christmas Bells, Winter Berries, Wreathing, Bouquet Green and**

All CHRISTMAS GOODS and NOVELTIES.

SEND FOR OUR LISTS.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

B. S. SLINN, Jr. WALTER HUGHES.

A MERRY CHRISTMAS FROM

SLINN & HUGHES

Wholesale Florists,

Our leading specialties
Roses, Carnations, Violets
The best the market affords.

Coogan Building, New York City.
Telephone No. 3864 Mad. Sq.

NEW YORK AGENTS FOR
Jerome A. Suydam's grand new Red Carnation **AMAZE.**

Sigmund Geller

108 W. 28th St. Tel. No. 1747 J-Madison Sq. **NEW YORK.**

WHAT do you NEED in NOVELTIES or leading SUPPLIES of any kind for **CHRISTMAS.** I have them! Come and choose from our

PERSONALLY SELECTED EUROPEAN NOVELTIES

Also SPECIALIST in Ribbons, Scarfs, Violet Tassels, Cards, etc., etc.

A Merry Christmas to all!

W. GHORMLEY

Wholesale Commission,

57 W. 28th STREET,

New York City

All varieties of Cut Flowers sold advantageously for consignors

1903 the greatest year in our history

The greatest display of Cut Flowers for Christmas ever seen in New York

More goods, more growers, more business than any Wholesale Commission House in this country.

Ghormley

TELEPHONE 2200 MADISON SQUARE, which connects you with all our telephones.

The Largest Commission House in America.

A Merry Christmas to All!

We have fine prospects for a choice lot of **BEAUTIES AND TEAS** for the Holidays. Let us book your orders now.

Also have a fine lot of PALMS, 4, 5 and 6-inch ASPARAGUS and some BOSTON FERNS. Send us your orders.

Perfect satisfaction guaranteed on all shipments.

LONG DISTANCE PHONE 99

Mention Review when you write.

Christmas Greetings

From **MOORE, HENTZ & NASH.**

55 West 26th Street, NEW YORK CITY.

WHOLESALE COMMISSION FLORISTS.

Consignments of FIRST CLASS STOCK solicited.

ADVICE OF SALE DAILY. CHECK WEEKLY after first 14 days.

Wholesale Agents in New York for the Grand New Rose

"QUEEN OF EDGELY" (Pink American Beauty.)

Originated and Grown by THE FLORAL EXCHANGE, Inc., Philadelphia and Edgely, Pa.

GEO. SALTFORD

Tel. No. 3393 Madison Sq. **WHOLESALE FLORIST** 46 W. 29th St. N. Y. CITY

CONSIGNMENTS OF ALL KINDS OF FIRST-CLASS FLOWERS SOLICITED—WE MAKE WEEKLY PAYMENTS.

GROWERS Call and See Us and Our Increased Facilities. Every Convenience for Our Customers. None Better in the City.

Out of Town Orders Receive Our Prompt and Careful Attention.

1887 **J. K. ALLEN** 1903

The Pioneer House.

106 West 28th Street. Telephone 167 Madison Sq. **New York.**

PERSONAL ATTENTION GIVEN TO ALL ORDERS.

SPECIALTIES:

BRIDE, BRIDESMAID, AMERICAN BEAUTY,

AND EVERY OTHER POPULAR ROSE.

VIOLETS, CARNATIONS, ORCHIDS all varieties of CHOICE CUT FLOWERS.

Can fill out-of-town orders at all times. Consignments realize with us **the best market prices.**

Our CHRISTMAS Greeting to all our friends of the 16 years of our growing Wholesale trade.

Open at 6 o'clock every morning

A HAPPY NEW YEAR TO ALL!

THE

NEW YORK CUT FLOWER CO.

55 AND 57 WEST 26TH STREET

Wholesale Florists!

Telephone 756 Mad. Sq. DAILY REPORTS WEEKLY PAYMENTS J. A. MILLANG, Manager.

...THE FINEST...

AMERICAN BEAUTIES

IN THE LAND

A MERRY CRISTMAS TO ALL OUR FRIENDS

Ribbons of Beauty

Assortment almost endless. Proper Ribbons for every known Floral use.

Our Liberty Satin Bordered Taffeta Ribbon combines the essentials—style and weight—and costs no more than ordinary ribbon.

Beautiful Double Satin Ribbon Violet Ties in novel effects.

Two-inch White Ribbon Ties for Lily of the Valley with self color flowered border and light green tassel.

Fancy Chiffon and Gauze in exclusive designs.

Ribbons to match American Beauty and Meteor Roses and Foliage in great variety.

Samples submitted upon request. State styles and colors desired.

LION & WERTHEIMER, RIBBON MANUFACTURERS, 463-467 Broadway, New York City

GREETING

WE take this opportunity of extending to our numerous friends the compliments of the season, and also thank them for their kind and appreciative patronage during the year which has brought us the most successful season in our long career.

It may please our patrons to know that the sale of our popular CHRISTMAS FOLDING BELLS, of which we are the originators, has exceeded even our most sanguine expectations, having sold out our entire importation of 35,000, exclusive of the large sale of all other kinds of bells.

We are still manufacturing Immortelle Bells, Chimes, Wreaths, Stars and all other Xmas novelties, and are in a position to fill orders for same in any quantity at short notice.

Thanking you for the past patronage and trusting for its continuance, we shall in the future as we have in the past, do everything in our power to merit same.

Trusting that the thousands of Reed & Keller's Bells, now brightening the many households of our broad and prosperous land, will ring forth their joyous paeans with a MERRY XMAS and HAPPY NEW YEAR TO ALL.

REED & KELLER,

Agents for Caldwell's Smilax.

122 West 25th Street, NEW YORK.

Holly and Mistletoe

Guaranteed Christmas HOLLY

$5.00 per case; $9.00 per 2 cases; 5 cases $20.00.

BOUQUET GREENS per crate, $9.00.

WILD SMILAX, large size case, $6.00; one-half size case, $4.00.

Genuine English Mistletoe

Per original crate, $15.00; per ½ original crate, repacked, $10.00; per ¼ original crate, $6.00.

SHEET MOSS, per bale, $3.25.

IMMORTELLES, colored, per bunch, 30c; per doz., $2.75.

" yellow, per bunch, 25c; per doz., $2.50.

IMMORTELLE BELLS

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THE RETAIL FLORIST.....

CHRISTMAS STOCK.

With Christmas only two weeks away, no time is to be lost in preparing stock for the great rush which is sure to come. It is necessary to plan ahead, for supplies of such stock as is most in demand for Christmas gifts is not to be picked up and thrown together on Christmas eve, when it comes time to fill your orders. With plant arrangements, holly wreaths, etc., it is possible to work up a great deal of the stock several days in advance of delivery, and it is a good plan to have some of the arrangements ready for exhibition in the store a couple of weeks in advance of the holiday; it will aid materially in booking advance orders, which is a great help, for nearly always the last couple of days bring more customers than can be waited on satisfactorily. By all means get your orders as early as possible; large retailers who have tried it find it pays to mail to customers a neatly printed card pointing out the advantages of buying before the rush.

One of the items for which there is always sale if offered, is the well made wreath, not the common, plain immortelle wreath, but such a one as that shown in the accompanying illustration. It is made of red immortelles, to be sure, but the addition of the broad crimson ribbon, the dried sumach flowers, the bitter-sweet berries and the Hartford fern is what gives it the winning touch. Many variations of this wreath may be devised with a little thought and ingenuity.

Of course, the plain holly wreath is one of the indispensable articles. You may buy them or make them; probably most do the latter. Holly is fairly well berried this year, but it is usually the case that at least part of the stock is found none too well furnished in this respect. Buy a case of the red Christmas berries and supply the deficiency, as shown in one of the accompanying illustrations. Furthermore, the red winter berries and a few holly leaves work up into a very popular dinner table center piece. Add a bow of holly red ribbon to the wreath and it will attract many who would think it too plain otherwise.

Nearly every retailer who has what can be called a first-class trade finds Begonia Gloire de Lorraine the Christmas plant par excellence. It lends itself to many uses and makes up well in arrangements which can be sold from $3 up. Probably in no way can a more attractive article be prepared than by placing a plant in a handle basket. If the basket is showy of itself, a ribbon is all that need be added, but if a plainer receptacle is used it may be wrapped in Porto Rican matting. The more poorly shaped plants in one's stock can be used to good advantage in this way.

The araucaria is a salable Christmas plant, particularly with tasteful embellishment. Porto Rican matting of varied color should be in every florist's stock of supplies and the red shades harmonize with the green of the pine. Some decorators also weave in red ribbon, with a bow, but to the writer's taste this is going to an undesirable extreme. Azaleas, too, seem most popular with the pot wrapped in matting or crepe paper. Don't use so much paper that the plant is half concealed and its beauty lost, and if you use ribbon do it sparingly. Poinsettias in pans may be treated in the same way, but always remember that it is the plant which is the thing; don't overdo the adornment.

The cyclamen is a plant which can be sold in large numbers because it can be offered at a moderate price. Many styles of baskets may be used effectively as receptacles for these. The gilded wicker basket, red ribbon and the green foliage make a happy combination. The Christmas pepper is another plant affording the same opportunity for inexpensive embellishment and large sale.

Good specimens of the Otaheite orange are good sellers to the better class of trade and with them pot covers of many sorts may be used; the gilt basket and ribbon of a harmonious shade are, perhaps, most frequently used. The ericas are largely used in the east, but are not often seen in the west, where the development of the holiday plant industry has only just begun.

At the Christmas season cut flowers must be of good quality to be salable, for the call is almost always for first-class stock, sent out loose; that is, in boxes. The supply houses offer a great variety of fancy boxes, hampers, etc., which can be handled very profitably at this season. And baskets of choice cut flowers will also be found to take well if shown or suggested, where the average customer will not consider a wreath or other made up piece. The arrangement of carnations illustrated in this issue is a canoe-shaped basket of willow, filled with the light pink Enchantress on one side and with the darker pink Marquis on part of the other, the two varieties being mixed on the handle. Asparagus was used for green and some carnation foliage and quite a number of buds. There is a bow of green ribbon on the lower front.

An Embellished Christmas Wreath of Immortelles.

The arrangement of roses is a low basket with a high handle of grapewood, filled with a combination of President Carnot and Mme. Chatenay, a number of which were well open, with many buds interspersed, the two shades of pink blending nicely. There was little foliage used other than that of the roses and a few sprays of Asparagus plumosus. On one side of the handle is a bow of green ribbon, of a shade to match the foliage.

Violets are commonly sold in small fancy boxes or baskets, but where something out of the ordinary is wanted small high-handled baskets may be used, with ribbon.

Go through your order books for previous years and list the names of customers who bought Christmas trees. Call them up on the telephone and you will likely get their order again, or, if this is too big a task, a good way is to send a printed postal card inviting the customer to call and select his tree and have it reserved for him.

MISCELLANEOUS SEASONABLE HINTS.

Christmas Greens.

A feature of our business at the holiday season of late years has been the "green" business. It has grown till it takes up a lot of time and we must either make up these wreaths and garlands ourselves or buy them. Some can be bought to advantage, while others are difficult to get in the right quality. Having these wreaths and wreathing in sufficient quantity, and kept so that they will be in good order for Christmas eve, will require no little thought and management.

Holly Wreath with Winter Berry Worked in and Ribbon to Match Berries.

The Care of Holly.

Holly is, perhaps, our most important article in this line. It should never be exposed to very severe weather. The cases should be stored in a cool shed. A dry heat will shrivel it up. A cool, rather moist cellar would be the ideal place. Use the short stuff for making wreaths and the good branches and sprays for selling as 50 cents' worth, or a 'dollar's worth, or two dollars' worth, for there is a great demand for it in that way.

If you don't have this cool cellar for storing the loose branches, and more particularly the wreaths when they are made up, perhaps a week ahead of time, then we have found they keep very well beneath a bench in a cool greenhouse, laying coarse paper on the ground, to keep the wreaths clean, and newspaper over them, to keep the light away. Don't put down more than two layers of the wreaths, or the weight will flatten out the lower ones. Some make these holly wreaths with ground pine on one side and holly on the other. We never have demand for any but all holly. Get your local wire worker to supply you with the wire frames for the wreaths; he will supply them as cheap and neater than you can make them.

Laurel Wreathing.

The so-called mountain laurel, Kalmia latifolia, is by all odds the nicest material for wreathing. It is a pretty green, clean, does not drop and has not the cheap look of the ground pine wreathing. Use it in all decorations where you can. It is perhaps double the cost of the ground pine wreathing, but it looks it and is worth it. Here is an article, though, that you can buy by the yard, made up, rather cheaper than you can buy the sprays and make it up yourself.

We are always asked for some laurel wreathing "extra heavy," and this we have to make up for the occasion, for what you buy is not good enough. This beautiful shrub adorns the bleak and snowy slopes of our Allegheny mountains and no amount of frost hurts it. A cold frame, with the light excluded, is a very good place for it, but don't make too great a thickness of it, for it flattens out in the sardine style and then it's anything but ornamental. That is the only trouble with the wreathing you buy; it needs to be ruffled up and shaken out.

Bouquet Green.

I suppose the old ground pine, which has several aliases, will come next in importance. We all know that it is a carpet to some parts of our most northern states and is as hardy as an icicle, but it browns up quickly when used in a warm room. Even while in crates unpacked some cloth or covering of some sort should be thrown over it to keep the exposed outsides from losing its fresh green color. We used to soak the bunches for an hour or two before making into wreathing. That we found wrong. To dip the bunches in water for a minute or two will make the sprays pliable and easier to work, but if overwet it will all the quicker turn brown or black after being made up. With us, about one-tenth as many ground pine wreaths are sold as holly.

The wreathing that is made up by tens of thousands of yards and sold to the florists for them to retail is altogether too thin and dried up an article for our use and we much prefer to make the wreathing and then store it away in some frame or very cool shed, but always covered, so that the light and air will be excluded as much as possible.

The above three materials are the principal things for our holiday decorations. There are other things used in a small way. The beautiful leaves of the Magnolia grandiflora are very ornamental on small branches, but not often seen.

Wild Smilax.

There is nothing for me to say about that most decorative of all hardy climbers, the southern smilax. It is in season from October until April and you buy it by the case when you want it. The merest novice can tack this up and it can't be otherwise than graceful. It's

A Christmas Basket, Lorraine Begonia and Porto Rican Matting.

something like the beautiful Asparagus plumosus in this respect, only the smilax is invaluable in the large hall, while the plumosus is at home in the drawing-room.

Mistletoe.

Don't forget a few dollars' worth of imported mistletoe. There are no "privileges" allowed with the native species. I don't know that the mistletoe, which has such charming associations, lends extra bliss to the exercise under the bough when well berried, but certain it is that it comes to us very berryless. The berries are in the bottom of the case and there is no harm in your gumming them on again. It won't be seen. If you buy ten dollars' worth of mistletoe you will, perhaps, only get your money back, but you won't do that if you leave it in the case and let every boy you have maul it over when wanting to select a fifty-cent or dollar spray. Unpack and sort it and put a price on each group, so that you can readily pick up what your customer wants.

The Christmas tree, in large cities, at least, is no worry to the florist. Car loads come in and are handled by the market people, and the people go there for them. I don't know of any novelty that is likely to be the fashion this holiday time. Holly and the scarlet immortelle bells and electric lights are sure to be very prominent in Christmas decorations and if you get a decoration of that sort the poinsettia is sure to be asked for, as it is now known in many cities as the Christmas flower.

William Scott.

Shenandoah, Ia.—J. R. Ratekin & Son have enlarged their seed warehouse during the past season. They make a specialty of seed corn.

VIOLETS.

Seasonable Treatment.

Our continued cold weather for the past few weeks has been good for violets, although we have been without snow in our section until last week, when we had a fall of light snow about six inches deep. This will be an improvement as regards firing and keeping frost out of the houses, and it also makes the houses lighter these dark days.

Your violets should be looking their nicest now, else there is no money in growing them. You must take especial care to keep them thoroughly cleaned up, having no old or dying leaves in the crown, but as I have said before, do not put any careless or inexperienced help at this, at any rate not till a good deal later in the season, for if you do they will surely snap off more pennies (buds) than they save by cleaning up the plants. They are so sure to catch on the stems and then they go like the roosters that we used to fight when children.

Don't fail to keep the air fresh and pure; change the air every day, even if you have to keep heat on while doing it in order to keep out frost. Of course storms, etc., may prevent, but as a rule do so. Watch out for sow bugs, spot and aphis, both black and green. Do not let any of these get a foothold under any circumstances, for they are all fatal to flowers, that which we are looking for.

We never gave a real good comparative trial of single crowns versus good medium sized clumps till this winter, for we always thought we preferred the latter, and we still have no reason to change our opinion. I do not mean by this a large, overgrown clump, but a good medium sized one which will provide you with more leaves for the plant to breathe through and still leave you some to pick, and also give you more blooms and better ones. Care and constant vigilance are large factors in successful violet growing, although these do not always insure success, as nearly all growers find out to their sorrow sooner or later.

Araucaria in Pot Covered with Porto Rican Matting.

Keep close watch now for your choice pedigreed stock and mark same to propagate from. Choose only those clumps that are giving you the best, long-stemmed large flowers and a large crop for the holidays, as it always pays, as far as possible, to breed up in plants as well as stock, and needs as much time, also, if one is to make a success of it.

Watch out with care for the watering until the days get longer and brighter, when you can water more carelessly with less bad effect than now, if you must be careless at any time.

R. E. Shuphelt.

ROSES.

Propagation.

As the propagating season is again approaching, we should begin to get everything in readiness so that there may be no drawbacks to hamper that most important work. The propagating house should claim our first attention. The benches should be looked over and any necessary repairs made, pipes tested and ventilators adjusted. The benches should have a good coating of hot lime wash to help destroy fungus and insect eggs and the house should get a thorough fumigating.

The propagating medium, whether sand or coke, should be secured while the weather is open, and in sufficient quantity. The question of which is the best material for this purpose is still an open one, but where clean, sharp sand is available there need be no grumble on this score. Clean sand possesses no nutritive qualities which can cause decomposition and as a medium for retaining moisture in sufficient quantity for this purpose without souring it is nearly perfect. This should be laid on the bench to a depth of five inches and then watered. When partly dry it should be pounded quite firm and made of even depth all over. This will make the depth of the sand something like four inches.

The cuttings should be inserted in straight lines about one and a half inches apart and one inch between the cuttings. Beauties will require much more room, as they do not like crowding. The heel of the cuttings should be at a uniform depth of an inch and a half in the sand and, with other conditions right, they will all form roots in about the same period of time.

The selection of proper wood for propagating is one of the fundamental elements of success. A thorough knowledge of what is best, with care and patience in selecting being really essential, this duty should never be entrusted to any but the most experienced. We frequently see whole batches of cuttings taken indiscriminately, small underwood and stout pithy flower stems, and while these will form roots, they never can make thrifty plants and the grower who uses such methods is courting failure. Good, stout, well ripened blind wood with short joints will root more uniformly and make, with careful handling, as good stock as can be desired. The wood should not be allowed to stand long in water before being made and put into the sand, as this causes that condition known as "water heart."

A well sharpened knife is essential in successful cutting making. The cut should be made as short as possible, as the smaller and cleaner the cut, so much earlier will the wound heal and form a callus. The cuttings should also be as near of a size as possible. The ideal cutting for teas and hybrid teas should have at least three eyes, one at the heel of the cutting and two above ground.

After being inserted in the sand they should be thoroughly watered, to settle the sand around the heel and stem, and shaded from the direct rays of the sun. They should not be allowed to remain shaded for any length of time after the sun ceases to shine on the bench, as this has a very weakening effect. The sand must never be allowed to become dry, a gentle syringing twice a day during very bright weather being nearly sufficient to supply their wants that way.

The temperature of the sand should never range higher than 62 nor lower than 60 degrees, if possible, while a house temperature of 48 to 52 degrees will be sufficient to check the breaking of the eyes and consequent growth during the process of root formation.

In from twenty-eight to thirty days the roots will be large enough for potting, and this should be done as soon as they are ready. Every day they stand in the sand after the roots are formed is a very severe check and the grower who has a pride in having the best will not let this condition long remain.

Ribes.

Azalea with Pot Cover of Porto Rican Matting.

CARNATION NOTES—WEST.

Christmas Stock.

Only two weeks after these notes go into print you and I will be working as hard as ever we can to take care of our share of the great Christmas trade. But since these notes are to go into the Review's Christmas number we will talk a little about how to handle the Christmas stock so as to give the most satisfaction to both yourself and your customers and their customers, if you happen to be a wholesale grower. The retail customer is always the important one to consider. It is he who causes either trouble or satisfaction, increased trade or diminished trade. If he is satisfied and pleased with a certain lot of flowers, the retailer is very apt to have an increased call for that kind, and the grower who supplied them is, of course, called upon to furnish more of them. You may be ever so well pleased yourself with a certain variety, or a certain lot of blooms, and your retailer may think they are just right, but if the one who buys them is not pleased with them your trade will suffer.

I am writing this especially for those who are in the habit of holding up their stock too long before a big day, or, in other words, pickling it. These men seem to imagine that if the blooms are in fair shape until they can ship them to the retailer, or until the retailer has sent them to his customer, that all is well. They do not care if the blooms are asleep or falling to pieces the next day after they are sent out, thereby cutting off their own nose. The cut flower grower can make no greater mistake than this. It is unfair and unjust and any man with judgment who cares for his business will not practice anything of the kind. The customer, after paying double and treble the regular price for the flowers, certainly has a right to expect them to keep as long as they do ordinarily. Is it any wonder that in so many cases he will fight shy of cut flowers, having been bitten a few times, and turn to the next best, the blooming plant? A bunch of fresh carnations or roses ought to last as long as the average Gloire de Lor-

raine, but such blooms as are too often sold will not do it.

I know as well as any one how hard it is to apparently give away money by selling a lot of stock for a normal price when it could be kept a week and forced onto an unsuspecting customer at double the price, but I have seen both ends of the business and all of us can readily reason out what it will eventually do to the man's business who practices pickling. A satisfied customer is the best advertisement. And a customer who will tell his friends that your flowers are invariably fresh and the best, is better than one who will have to admit that he has had old flowers a few times from you, but that you replaced them usually. As a grower you need your customer's confidence. He must know that whatever you send him is fresh and just what you represent it to be, and he will always be willing to pay the top price to the grower whose word is as good as his bond. You gain by it, even though at times you may think you could make a little more out of your cut of a few days.

Now, I do not mean to say that you should cut your crop and send it in right along, just as you do ordinarily. That would be foolish and I would not advise it, because we don't do it ourselves. The public demands at least five times as many flowers during the two days before Christmas as are needed on two ordinary days and it looks to the grower to supply them. This demand can be met, with the proper forethought and judgment, and with stock as good as is sent in at other times. With proper cutting and handling you can save practically all your cut of a week previous and have it in fine shape and by putting on a little extra heat you can increase your cut to nearly double what it is ordinarily.

Now, here is where the judgment comes in. Don't get the idea that if you can hold up 1,000 blooms in one week that you can save up 2,000 blooms in two weeks, and if a rise of 10 degrees in the temperature will increase the cut 100 per cent that an increase of 20 degrees will increase the cut 200 per cent. You can't keep carnation blooms two weeks and have them in good condition to sell. Your plants will stand about so much increase in temperature and will unfold their buds more rapidly on account of it and keep up the quality, but when you step over that limit, although unfolding will be more rapid, resulting in a few more blooms, the increase in the quantity will be more than offset by a decrease in quality. Perhaps you will not care so much if the blooms are not the very best; they will sell any way at Christmas. Yes, they will sell, but after Christmas poor blooms will not sell and if you overtax your plants for your Christmas cut they will surely produce a soft and inferior cut for some time after, and there is where you lose more than you made while you were playing your smart trick. Every year after the holidays we see and hear of a lot of weak stemmed stuff coming in that was ruined in just that way. And often it comes from growers whom we give credit for more judgment.

Just about two weeks before the day, you should commence to increase the heat by raising the temperature one degree each night for eight or ten nights. This will give the buds a chance to swell and unfold gradually and they will not feel it so much. A too sudden rise will cause them to make a jump and many calyxes will burst as a result. By having the temperature at the highest point three or four nights you will get all the blooms open that you can get without hurting your plants and the greatest increase in the cut will come just when you want to use it, and there will be less storing to do.

Cutting must be done somewhat closer, too, when the temperature is away up. A carnation bloom that hangs on a plant in a temperature 10 degrees higher than normal will ripen quickly and will begin to deteriorate all the more rapidly. Under the conditions the blooms should be cut just as soon as the petals are unfolded and kept in a room where the temperature is about 50 to 52 degrees. Not quite so cool as you ordinarily have your cut flower room. You don't want to stop them from developing, which they would do in a temperature of 45 degrees. In 50 to 52 degrees they will grow and develop into much finer blooms than they would on the plants while the temperature is away up.

A weak dose of liquid manure will help them and so will a sprinkling of lime or wood ashes. Give the first named when you begin to raise the temperature and the latter a week later. They should not suffer for water, either.

Large Flowered Cyclamen in Gilt Basket, Dressed with Red Ribbon.

Now, another thing that does not belong to the growing end, but which is of much importance just the same. Don't hold your stock until the last minute. Consult your customer or selling agent freely and take his advice as to the best time to send in the stock. He knows better than you do just when it is wanted. Often a fine batch of stuff brings little more than a normal price just because it came in too late to meet the best demand.

A. F. J. BAUR.

CARNATION NOTES—EAST.

Christmas Preparations.

Christmas, the time of heavy demand and good prices, is but two weeks away and close attention should be given to all the details that give to the product that high finish so quickly perceived and appreciated by critical buyers and, in consequence, of direct benefit to grower. While we would all desire an extra large quantity at this time, it is not advisable to give so much attention in this direction as to lose sight of quality. Prices will naturally be high and I am one of those who believe, in order to maintain the public's confidence and interest in the improvement of the carnation, that quality should compare fa-

vorably with price and it is for our interest to use our best efforts to produ a grade of goods which will encourage the custom and increase the use of the divine flower at holiday times .

If your plants were housed early they are no doubt firmly established and able to endure a little extra strain, but if for any reason the plants are not in the very best condition, dismiss all thoughts of their doing any extra work.

It is of great advantage to have each variety in a house by itself, particularly at this time, but as this is impossible with some growers, sound judgment must be exercised in selecting varieties to be grown together, and it is at this time of year that the results of keen observation should be jotted down for reference at housing time next year. I have always advocated the handling of stock early in the season with an eye to the future: that is, a substantial crop for the holidays and in seasonable fall weather the plan can be successfully carried out, but this fall has been so unusually warm that the best of calculations have been somewhat upset.

In many cases conditions are such that with continuous bright weather a large crop would be in, but it is safe to reckon on several dark days, during which progress will be slow, and under these circumstances most growers will raise the temperature a trifle, be the advice for or against the practice, so it is well to look into the effect produced upon the plants and provide means whereby this effect shall not be productive of bad results.

A reasonable increase of temperature accelerates growth, which in turn means increased consumption of moisture, the natural result being a condition of softness in the stems and leaves, perhaps barely perceptible but nevertheless the fact. To meet this condition apply a light coat of air-slaked lime to the soil several days previous to raising the temperature. This will aid in preserving the stiffness of stem, keep the soil sweet and render more available the increased amount of plant food needed, for it must be remembered that extra work calls for extra food, and while this could be furnished by the application of liquid manure, I would not advise its use at this time and under the circumstances; besides, there should be sufficient food in the soil that has come from the top dressing advised last month.

Two liberal applications of grape dust about a week apart will act as a destroyer of lurking fungous disease germs, apply with a bellows, throwing it well over the plants, choosing the warmest time of the day.

It will be obvious that the advance in temperature should be gradual, also the decline to normal. As a rule the same relation of night and day temperature should be maintained; that is, if you raise one two degrees, carry the other the same number of degrees higher, the exception being during cloudy or stormy weather, when at all times the day temperature is held lower than on bright days. The whole proceeding needs close watching and a man of good judgment at the helm, else more harm than good will be done. George S. Osborn.

Otaheite Orange in gilt Basket, tied with orange Watered Ribbon.

CHRYSANTHEMUMS.

Varieties for Commercial Growers.

There is some diversity of opinion as to what really constitutes a good variety for commercial use, but a grower who grows to supply the wholesale market must confine himself to sorts that pack well, stand considerable knocking about and yet retain their freshness. This means that very many of the grandest things are never seen in the florists' stores at all, saving with those florists who have their own greenhouses, and are smart enough to know that if they are growing varieties that the other fellows haven't got they will always get the best trade.

We find that our market (New York) will take any color, almost, if the flower is up to exhibition grade and received in good condition. And I do not much doubt but that most other markets could easily be educated up to that point. The Japanese varieties are not so easily shipped as the close petalled, compact kinds but more care taken in the packing will be well repaid. If about two-thirds of those growers who are at present flooding the market every year with wagon loads of absolute rubbish could only be induced to branch out into some other line of business, things would take on a much more healthy condition. I do not, candidly, think it possible for the average commercial wholesale grower to make any money at the quotations ruling for the last year or two, unless he grows special stock and runs only on the newest varieties.

My selection for the year would run as follows:

White:—Polly Rose, Alice Byron, Robinson, Eaton and Chadwick.

Yellow:—Halliday, Mrs. T. W. Pockett, Appleton, Yellow Eaton.

Pink:—Pacific, Lady Harriet, Coombes, Mileham, W. Duckham, A. J. Balfour.

Red and Bronze:—H. J. Jones, Henry Barnes, Kate Broomhead.

This list does not touch one of the new things, with the exception of W. Duckham. This variety is so easily first of the pinks that it is certain of its place at the head of the class. Some others among the novelties will eventually, I think, show up well as commercial kinds. Harrison Dick and Donald McLeod, in particular, but time will prove all things. Mrs. T. W. Pockett, as a yellow, brought in very profitable returns on a small batch. It is a Japanese but seems to travel well. Some growers are complaining that the foliage was easily injured on this variety, so one had better run easy on

it for the first year. Buds taken the first week in August will produce grand flowers by October 1. The Eatons and Appleton are now so firmly fixed that it will be years before they are supplanted. Easy to handle, with virtually 100 per cent of good flowers produced, they fill the bill to perfection for the man who hasn't much time to bother.

Dr. Enguehard is being introduced this year as the coming commercial pink. It is by no means a novelty, having been first imported some years ago. I have never grown it, so cannot say much concerning it. It has been advertised as Englehardt, so it would be wise for all dealers to get in line on the proper name.

Two American varieties that have impressed me very favorably are the two seedlings of H. W. Buckbee's introduction. These two seem specially adapted to our commercial needs, and the colors are good. Rockford is a yellow and Mrs. H. W. Buckbee is a white. As exhibited at the New York show they were very promising and certainly good shippers and keepers to have traveled the distance they had.

Robinson, after long years of service, begins to show signs of dissolution. The flowers this year spotted very quickly and the waste was very great. Things are getting down to such a low margin now that one cannot afford to grow varieties that are easily affected by the weather, and the planting of Robinson will be much reduced. Alice Byron, under the same conditions as Robinson, did not lose a petal and, whatever the reason that varieties differ so radically, the fact still remains.

Mrs. Coombes this year produced a white sport and this, if it holds true, should be a first-class variety, for Coombes is a grand pink, and there is room for a good white coming in at that season.

Prices this year were very low, due largely to the fact that there was a small demand for any kind of flowers, and also to the warm bright spell of weather, which brought stock into the market in a heap and swamped everything. The volume of business done in cut flowers this year, in October and November, was away below the average, owing to the Wall street slump, which while it is felt most in New York, affects to a greater or less extent the whole country, for many, even of our own profession have tried before now to get rich quick in the "street' and found they were playing with a marked deck, and the other fellow stacking the cards.

Brian Boru.

NEW CHRYSANTHEMUMS.

Golden Age is a slightly reflexed, intense yellow, Japanese; better in color than its parent, R. H. Pearson, with foliage equaling that of the well known Georgiana Pitcher. It is of very easy culture and perfects every flower. Height four feet; midseason. Flowers seven inches in diameter. First bud after September 1. An ideal commercial yellow. Certificated by the C. S. A.

Dr. Enguehard (importation, Nonin) is a Japanese incurved, one of the best introductions of recent years. It has been awarded highest honors wherever exhibited. Color, a true pink without the least trace of purple. Stem and foliage perfect. Equally valuable for exhibition or commercial purposes. Perfectly double, with no tendency to coming "sprung-centered." Every flower is perfect. Take bud after August 20; midseason variety. Size, six and a half inches; height, four feet. The C. S. A. committee awarded Smith & Son 95 points on their exhibit of this importation.

Erica Fragrans in Celluloid Basket with Red Ribbon.

Mrs. Nathan Smith is a Japanese incurved equally suitable for exhibition or commercial purposes. It is a pure, glistening white of very chaste appearance. The petals, which have great substance, loosely incurve and intertwine in an effective but entirely informal manner, producing a finished flower that is perfectly symmetrical without the least trace of formality. In growth it may be classed as a dwarf, not exceeding three and a half feet. It has a robust constitution and its stem and foliage leave nothing to be desired. Flowers six and a half inches in diameter can be produced with ordinarily good culture, and with the special attention given to exhibition blooms, can easily be grown much larger. Every flower comes perfect. Best results are obtained by taking the first bud after September 1. It has the certificate of the C. S. A. Winner in class for best seedling at Boston. Winner of Hill & Co.'s special prize for best seedling or importation at New York. Winner as best white at Buffalo.

Miss Helen Frick is described as the queen of Thanksgiving chrysanthemums. Unmeasurably superior in every respect to Maud Dean or any other pink in cultivation. It is exclusively a commercial variety, with every point in its favor. A Perrin seedling, its stem and foliage equal that standard variety but there the resemblance ceases. Its color is extremely difficult to describe. In some lights it is a pure, soft pink, in others it glistens and shines with all the intermediate shades to true lavender. In each of its changes it is seemingly more beautiful than before. It can be classified as a Japanese of perfect contour, without any trace of formality. It is a free grower of dwarf habit, not exceeding three feet in height, the flower fully six and a half inches and very regular in size. Every bud comes perfect. Certificate C. S. A.

Sunburst is a Japanese incurved, a most beautifully formed flower of a striking color. The base of the petals is an intense yellow, gradually shading to pale yellow at the tips. A strong, free and healthy grower, equally valuable as an exhibition or a commercial variety. Height, four feet; midseason. Take the bud the last week in August. Certificate C. S. A.

Uncle John was greatly admired by John Thorpe, the horticulturist of Chicago, for whom it is named. While the striking combination of color it displays will be its distinguished feature, it possesses all the good points essential in a first-class exhibition and commercial

chrysanthemum. The flower of great depth and solidity, is deep bronze at its base gradually shading until the top is richest yellow. This coloring is in no way dependent on age, but is equally marked in all stages. Midseason; four feet. Stem and foliage unsurpassed. Will be invaluable for exhibition collections.

THE EUCHARIS.

There are few more charming, chaste and graceful plants than a well flowered specimen of this bulb. To produce such is not nearly so difficult as many growers suppose. Belonging to the amaryllis family, the most frequent cause of failure lies in treating them after the manner of the other members of the family, with the exception that they are subjected to a higher temperature. Being natives of tropical America, they do require a higher temperature than do the others, but they really do much better in what would be called the warm greenhouse than in the tropical house, the only kind of treatment accorded them until a few years ago.

The successful culture of these beautiful bulbous plants is somewhat as follows:

The varieties best suited for commercial work are E. grandiflora (Amazonica), white with prominent corona, delicately shaded with green, flower scapes two feet in length, six to ten umbels; E. Sanderiana, pure white with filaments and inside of tube yellow, flowers smaller and scape shorter than the former, which it very much resembles in habit and foliage; E. candida, a variety much used in commercial work, but not quite so easy to manage.

As they are subject to the attacks of the eucharis mite, imported bulbs should be steeped in water for twenty-four hours, then dried and cleaned of all dead and decaying matter previous to planting. A compost in which they thrive splendidly is composed of two parts rich loam to one part of equal proportions of leaf mold and well decomposed cow manure, with the addition of about one-tenth of the whole bulk of charcoal of about the size of a hickory nut. This should be well incorporated but must not be finely pulverized.

As they require copious supplies of water the drainage must be ample and perfect, arranged by beginning with large pieces on the bottom of the pot, using smaller pieces above, the top layer to be almost as small as barley. The bulbs must be planted deep in the pot, but it is better not to cover all of the somewhat long neck until they have begun to move, the remainder to be added as the plants increase in size. The material used for this purpose can also contain more manure than that used in potting.

As they form large, fleshy roots and are gross feeders, they must not be cramped in the pots, five bulbs to a 10-inch pot being sufficient to make nice specimens, which will require little or no disturbance for years; in fact the less they are disturbed the more profusely do they bloom. Offsets, which develop in large quantities and which soon overcrowd the parent plants, should be removed when necessary, disturbing the bulbs as little as possible. These offsets should be potted and treated in the same manner as the older plants, and will soon come into flowering condition.

A night temperature of 65 to 70 degrees suits them admirably, with a day temperature of 75 degrees. They must have a light shade during the summer. At this temperature they produce two crops during the year; at a higher temperature they will produce three crops, but the flowers will neither be so large nor of such good substance, while the chances of failure will be multiplied. Frequent mulchings of cow manure are necessary, as the foliage is somewhat rank and requires lots of sustenance. When the flower scapes appear an application of liquid food helps materially in developing the flowers, but this should be discontinued before the opening of the flower.

When the flowers begin to open the plants should be removed to a house with a night temperature not to exceed 55 degrees. This will prolong their flowering period, the petals will acquire a firmer texture and their keeping qualities will be enhanced. Picking out the anthers will also have a tendency in this direction.

After the flowering season is past and the leaves are matured they should remain in this temperature for a month. The supply of water should be slightly reduced but they must not by any means be dried off, as this is a sure way of weakening the bulbs.

By a careful calculation of their growing period the flowering season can be hastened or retarded by a month or six weeks.

They can also be grown with success on benches, but in my experience they do not flower so freely, although the flowers are larger. This method has also its drawbacks. It is not always convenient or profitable to reduce the temperature of a house to accommodate one class of plants to the possible detriment of the rest of the stock in the house.

Its insect enemies are few and easy to combat, the mite (a species of rhizoglyphus), being the most annoying and destructive. Its presence is distinguished by the leaves turning yellow and dropping off. Kerosene emulsion applied to the neck of the plant just where the leaf emerges is a sure remedy, but care must be taken not to allow any of it to get to the roots, else the cure is worse than the disease. Mealy bugs and thrips are also fond of the eucharis but these can be dealt with by the syringe, using either pure water or any of the tobacco preparations in solution. Geshurst's compound soap is also fatal to these pests.

Ribes.

A Basket of Light Pink Carnations.

INVISIBLE LIFE IN SOILS.

Hitherto cultivators of the soil have, with few exceptions, given no thought to the invisible life that plays such an important part below the surface of the ground, through whose agency crops and individual plants are enabled to respond to the fertilizers added to a well-tilled soil. Yet this rational conception of the fundamental cause of productiveness will in future have to be taken into account by horticulturists and gardeners in every department who wish to progress with the times, and aim at deriving the greatest possible results from the capital and labor invested in their establishments.

It is not meant that every horticulturist and gardener should become a bacteriologist, but he should make himself sufficiently acquainted with the nature of bacteria, and understand the conditions favorable to their life, and to be able to appreciate and utilize the results achieved by the study of those who have special opportunities of searching out

the intricacies of their behavior in the soil he cultivates.—Gardeners' Magazine.

IT IS LA DETROIT.

The new Breitmeyer rose was christened La Detroit, with appropriate ceremonies, at the Hotel Cadillac, Detroit, last Saturday afternoon, the christening being by Katherine, the little daughter of Mr. and Mrs. Philip Breitmeyer. Many well known Detroit people were present, also a choice gathering of the congenial spirits in the trade.

The rose, a seedling of Bridesmaid and Testout, originated with Charles Hopp, of Grand Rapids, and was nameless until Saturday. When John Breitmeyer's Sons bought the stock they offered a prize of $100 for the one who should suggest the name eventually selected for it. It is stated that 12,000 persons entered the contest, the selection of the name being left to a committee of the Detroit Florists' Club.

The visiting members of the craft were most hospitably entertained and were afforded the opportunity to see the rose growing at the greenhouses at Mt. Clemens. It is to be distributed next April.

THE LAELIAS.

This is a very fine genus, and some of our most useful orchids belong to it, such species as L. autumnalis, L. anceps and L. purpurata, being among the finest subjects for cut flower work. Laelias are nearly allied to the cattleyas, and many of them succeed well with similar conditions of culture and environment, though the Mexican laelias nearly all require more sunlight, and will be found to flower better if grown up in the ridge of the house, where the breeze from the ventilator blows through them. Laelias and cattleyas cross readily, the resulting hybrids being known as Laelio-cattleyas. These are now becoming very numerous, and some of them are magnificent things and command high prices. While cattleyas have only four pollen masses, laelias have eight, and this seems to be the distinguishing mark between the genus. Laelias are difficult subjects to establish when first imported, or at least that has been my experience, but when once got into a growing condition they will flourish satisfactorily for years.

The giant of the whole genus is L. purpurata, which grows over two feet high and produces flowers eight inches across. These are borne on a twelve-inch stem, generally four or five flowers to a stem. This species grows well under the treatment usually accorded cattleyas. It should be grown in a pot and given lots of room, for it is a tremendously strong grower. Fine specimens are yearly imported from Belgium growing in leaf soil, and apparently enjoying it, but for the general cultivator we would say stick to the peat as a potting medium, with an annual top dressing of moss. We hope to refer to the question of growing orchids in leaf mold at some future time, when some experiments are concluded. At present some growers are getting good results from its use, and others are getting no results at all. The whole matter seems to hinge on the personal ability to be careful in watering.

To return to our immediate subject, L. purpurata, we would say that its only objection in our eyes lies in the fact that it flowers in May and June, when orchid flowers are, alas, already too plentiful in the markets (due principally to the immense quantity of Cattelya Mossiæ coming in at that time). Still L. purpurata holds its own in any company, its rich purple crimson lip being very striking among a mass of cattleya flowers. It is a native of Brazil.

A Basket of Chatenay and Carnot Roses.

Next in importance for general use possibly is L. autumnalis. This is a Mexican laelia and needs an abundance of water when growing with a long severe season of rest after flowering. Grow it in a basket, or on a block of wood, and keep in a light, airy position. As its name implies, L. autumnalis flowers in the fall and can be had just right for the holidays. The flowers are very fragrant, almost too much so, in fact, as the odor from a large bunch is almost overpowering. L. autumnalis is a useful, profitable orchid to grow, and the flowers command a ready sale.

L. anceps, which is another Mexican species of great value, has many handsome white forms in its varieties, as alba, Dawsoni, Stella, etc. The typical flowers of L. anceps are rosy lilac, with a deep purple lip, and are produced in January. This plant, in its native home, it is said, gets drenched by rain every night during its growing season, and it is recommended to spray in the evening under cultivation, to imitate somewhat the natural conditions.

Laelia albida is another Mexican species and general cultural notes apply. This species has a fine, long stem which carries six to eight flowers. The petals and sepals are white and the lip rose colored. The flowers have a very distinctive odor, which has been compared to that given out by the leaves of the primula when crushed in the hand. L. albida should be grown cool.

Laelia Jongheana is a very distinct species from Brazil. It was for a long while very rare, but recent large importations have made it comparatively well known. The bulbs are small and stout, and the flowers are, for a laelia, very large. The flowers are flat, with very handsome sepals and petals being of a rose purple color and the lip bordered with a deeper purple. They are produced in March, generally from two to five flowers on a stem and last a long time if kept dry. We recently saw a batch growing in leaf soil that were in splendid condition. These plants were on a shelf close to the glass and were never watered, the top dressing of moss being kept slightly moistened. Some growers have tried the same method and been forced to repot their plants in peat or lose them altogether.

Laelia flava also comes from Brazil and has small, tapering bulbs of a reddish color. The flower spike, which is carried well erect, bears generally from eight to ten flowers, which are small but of a bright canary yellow. While the flowers are very small the species has

proved useful in the hands of the hybridist, some excellent crosses having been made with cattleyas. It is best grown in a basket hung from the roof.

L. cinnabarina requires similar treatment to L. flava. It has also been useful to the hybridist, the striking orange scarlet color of its flowers being prominent in its progeny. L. cinnabarina comes from Brazil, as does also L. harpophylla, which is generally considered as far superior to L. cinnabarina.

Other species are L. magalis, which produces very large flowers and needs to be kept dry and very cool during the winter, a very fine species; L. Dayana, a very dwarf midwinter flowering species, and L. Digbyana, better known probably as Brassavola, Digbyana. This latter species produces single flowers very striking in appearance, of a creamy white color with a lip very deeply fringed. This species has also been used considerably in crossing.

There are other species but the foregoing are probably most generally known and cultivated. Speaking generally, laelias are not so useful to the florist as cattleyas, because the flowers individually are smaller, and consequently not so showy, but many species have such long, graceful stems that they can be used to excellent advantage in vases where cattleyas would be too short. We may safely predict that the demand for these orchids will increase as time goes on. Scale is a troublesome pest on some species, but ordinary care and sponging once in a while will keep it down.

C. T.

PENTSTEMONS.

Those who have not cultivated or seen the newer forms of pentstemons cannot have any idea of the great improvement that has been made during the last few years. Instead of the small, tube-like blossoms which characterize many older varieties, we now have varieties with blossoms fully two inches in diameter, and finely formed spikes of flowers quite twelve inches in length. The colors, moreover, are so decisive, bright scarlet, with a pure white throat; in other cases purple accompanies the lighter coloring. White flushed or edged with pink is a distinct and attractive combination of colors. I am surprised that people grow the small-flowered varieties, now the larger flowered forms are so readily obtainable. There is a certain amount of pleasure in cultivating a batch of seedlings, but with the finality of present-day varieties so much more satisfaction is derived from those which have been selected and named.

Pentstemons are easily grown, an open position, deeply dug and well-manured soil being all that is required during the summer to ensure finely-developed flower spikes. If the weather is fairly moist both growth and flower production will be encouraged. Pentstemons do not, in fact, suffer from a continuance of showery weather when in bloom, which is a point in their favor, more especially in districts with a heavy rainfall. Strong plants bedded out will quickly become established and come into bloom, but the best results are obtained by planting in April. When planted out pinch out the point of growth, to ensure a bushy plant capable of producing from four to six stout flowering stems.

The following is a brief selection of varieties that cannot fail to give satisfaction if reasonable culture is given: Rachel, white, flushed pink; Lord Lister, bright scarlet, pure white throat; Mrs. Forbes, rich crimson, throat veined crimson, extra large flowers; N. Barnes, dark crimson, flowers large, with open white throat; Thomas Cook, rosy crimson, veined and maculated chocolate; George Howe, enormous flowers, bright scarlet, with a pure white throat; General White, rich rose, pure white throat; Hector Macdonald, an extra fine spike of large, rich rose blossoms, each having a clearly veined chocolate throat; Magnificence, rosy crimson, white throat; Talma, light rose, edged dark rose; Verdi, purplish-crimson, white throat; Titian, white, shaded lilac; Mrs. Norman, rose-pink, white throat; Triumphant, clear rose, spotted with carmine on the under lobes; and Miss Dawson, rich rose, white throat.—S. P., in Gardeners' Magazine.

PLANT DISEASES.

The following are the general remarks on plant diseases with which Prof. George E. Stone, of Hatch Experiment Station, prefaced his address on diseases of the chrysanthemum at the recent New York meeting of the C. S. A.:

Violets in Basket, with Blue Ribbon.

The diseases to which plants are subject under glass require different methods of prevention than those employed outdoors, since in greenhouses the crop conditions are largely under control, whereas in outdoor crops they are left to the mercy of the weather and whims of the season. To meet the unforeseen seasonal conditions to which outdoor crops are subject it is necessary to resort to methods of prevention each year. Such methods consist in spraying crops, or applying other methods of treatment, before certain pests have made their appearance. There is, however, very little need of the application of spraying mixtures to greenhouse plants, since the conditions which give rise to diseases can be, and are, controlled to a very large extent by expert gardeners. The recommendations, therefore, for a general system of spraying for indoor crops, such as is expedient at the present time for outdoor crops, would be irrational, and would constitute a step in the wrong direction. Every expert grower realizes this, and the more skilled the gardener is, the fewer diseases he has to contend with.

The gardener who can turn out a nearly perfect crop as regularly as a manufacturing establishment turns out its products, is qualified for the severest tests of proficiency. The increased production of high priced greenhouse products has been the means of training and developing a large class of men as efficient growers, and with this increased skill and knowledge there has come about a better understanding of the causes of diseases and the methods of controlling them. Were greenhouse men on the same level, as regards knowledge of plant production, with the rather backward and conservative outdoor growers, the number of diseases which they would have to contend with would far exceed those which confront them at present. In this respect there exists a great gulf between the ordinary farmer and the intelligent floriculturist. It is, indeed, only where absolute care and management of plants falls under the supervision of gardeners, that we are likely to see manifested an intimate knowledge of the plants' normal functions and limitations. We have often been amazed at the superior skill and knowledge displayed by gardeners, and would affirm, without hesitation, that some of them possess a most profound knowledge of facts pertaining to practical plant physiology.

The greater part of our knowledge concerning the control of greenhouse diseases has been derived from the intelligence and skill of the progressive gardeners, whereas, in a case of outdoor crops, the experiment station specialists have been foremost in offering suggestions and discovering remedies for their control. The trained agriculturist can consistly give information in regard to the control of specific diseases affecting outdoor crops, in which he is more or less familiar, but in cases of greenhouse crops, the methods of treatment are so different, and require such an insight into the crop requirements, that it is almost necessary that one should be an expert grower, or, at any rate, one must understand something about the normal requirements of the crop before his judgment and advice can be of much value. It is necessary, at least, that he should possess a thorough understanding of the influence on plant growth of the three cardinal factors, heat, light and moisture, and the role which they play in the production of normal crops, together with their relationship to the development of pathogenic or disease producing organisms.

Such matters as soil texture and soil fertility also constitute important factors which must necessarily be understood. The great attention that must be given to such matters as heat, moisture, light and the circulation of air in greenhouse culture is only appreciated by the

Christmas Plant Arrargements at the Store of C. A. Samuelson, Chicago.

trained gardener. Some of the most troublesome and disastrous diseases are entirely controlled by the intelligent utilization of these factors, and others, which are more or less common, could no doubt be controlled or greatly alleviated if modifications in the methods of growing certain crops were practicable.

The beneficial results which have come from spraying outdoor crops have unfortunately, been the means of inducing some to believe that this is the only method of treating plant diseases, and where spraying is not recommended as a remedy their enthusiasm diminishes, because they cannot conceive of any other method of treatment. We have grown for some years many experimental crops in the greenhouse, and we have seldom had occasion to see the need of applying spraying mixtures to greenhouse crops. In the elimination of disease from greenhouse crops, the ultimate aim should be to select varieties of plants which will prove immune from, as well as to study and devise conditions which will not favor the development of diseases. The most perfect and hardiest plant organism can become diseased in a remarkably short time if the conditions that are suitable for its normal requirements are changed.

We all have observed, no doubt, how the master craftsman will select his stock and create something worthy of attention, where another less skilled, will start with the same material and his product will be a lot of poor, sickly specimens, adapted only to the confines of the clinic or the show case of some pathological museum. The latter has felt obliged to doctor his plants with the standard mixtures, but would it not have been better if his time had been spent in obtaining a little more practical knowledge pertaining to the growing of healthy plants, and devoting less attention to securing the knowledge of decoctions?

The appearance of some of our most troublesome diseases affecting plants at the present time must, therefore, be attributed in part to lack of knowledge and lack of skill in handling the crop. Diseases may also be encouraged by extensive modifications of the natural habits of growth through breeding and cultivation and to the practice of increased forcing. New parasitic organisms have also been introduced from time to time from other countries, through traffic. Some of these fungi, however, which have recently proven disastrous, have been with us for some years, if not always, and one of the principal reasons of their becoming more troublesome at the present time can be attributed to the increased production of more succulent, tender plants, brought about by forcing, which enables these parasites to find more favorable conditions in which to thrive.

With every modification and innovation in the growing of plants, there are likely to occur new difficulties and obstacles to be overcome. Constitutional weaknesses, which develop in some varieties and are inherited in others, are unfavorable to immunity. Varieties of carnations inclined to succulency, or having two or three per cent more water contents in their leaves, have proven much more susceptible to rust than those containing less water.

There is little doubt but that many diseases could be prevented by modifications in the methods of growing plants, if such could be adopted. The so-called "drop" in lettuce would prove less disastrous if the plants could be elevated from the soil sufficiently to allow air and light to penetrate to the stem. This would result in producing firmer and more resistant tissues. Experiments have shown that a covering of coarse sand about lettuce plants materially reduced rot, simply from the fact that sand retains moisture much less readily than loam, thus offering less favorable opportunities for fungous infection, and no doubt a circulation of air about the stems would prove beneficial. In the same manner, sub-irrigation reduces stem-rot by maintaining a smaller amount of moisture in the top layers of soil. The shutting out of light and air by planting too thickly constitutes a source of danger to disease. Water cress and parsley offer good examples of the effects of over crowding, due to luxuriant growth. When these crops are allowed to grow high and become thick they produce weak stems, and develop stem-rot, whereas being closely cropped there is little loss from this disease. The exclusion of light and air necessarily arising from an overcrowded condition are responsible for this.

In most instances the stem-rot of the chrysanthemum has been induced by over-crowding and undoubtedly the carnation would suffer less if more light and air could reach the stems. Various stem rots could undoubtedly be eliminated, to a large extent, by changing the soil conditions about the plants, such as by the application of coarse sand around the stems. In one case the stem-rot in the parsley was eliminated by setting the plants well up above the soil, thus exposing the stem and crown to light and air, which resulted in the development of more resistant tissues.

The matter of moisture on the foliage plays an important part in infection. The carnation rust has been largely reduced by subirrigation methods and also

by applying water absorbents, such as lime, to the foliage. In short, many fungous diseases, peculiar to foliage, can be much lessened and in many instances prevented by regulating the moisture conditions of the air. The cucumber and melon blights, which have raised havoc with these crops, the last few years in New England, have never troubled our greenhouse crops, grown under minimum moisture conditions, notwithstanding the fact that infected crops were abundant outdoors in the immediate vicinity. If it were possible to control the moisture conditions outdoors the same would hold true there. For example, a cold, wet spring induces peach leaf curl, while a dry, warm spring is not favorable for the development of the fungus which causes curl, and many other cases might be cited where infection is due to weather conditions which cannot be controlled; whereas, in under-glass culture there would be little difficulty in controlling these conditions, and preventing such diseases. The application of moisture absorbents to asparagus plants has, in some instances, very perceptibly reduced the rust, and even the covering of an apple tree is often sufficient to keep the dew off and render the plants free from infection. With this idea in mind, tent cloth crops have been tried with some degree of encouragement, although the expense of tent covers and the results obtained from their use do not at present appear to be such as to warrant their employment in all instances.

Another element which has a great bearing on the health of plants in general is proper feeding. The influence which proper feeding and cultivation has on the susceptibility of crops to disease is quite marked. There is little doubt that in many cases time and money could be better spent in securing robust crops by cultivating and feeding, than in spraying sickly plants.

NEW CARNATIONS.

The accompanying illustrations are from photographs in a house of F. Dorner & Sons Co.'s new white carnations, Lady Bountiful on the first and The Belle on the farther bench. The house was planted July 28, 1903. The first photograph was taken September 14 and shows the earliness of the varieties. The second photograph was taken from the same position December 2 and clearly shows the higher supports, improved growth and increased quantity of buds.

House of Dorners' New White Carnations Photographed September 14.

ERIE, PA.

Baur Place Closed.

On Monday, December 7, Sheriff Burton levied on the stock and other effects of S. Alfred Baur, in the store at 11 State street, and on the stock and all personal property at the extensive new greenhouses on West Twenty-sixth street. The sale at the store is advertised for December 11, at 9 o'clock in the morning, and at the greenhouses at 2 o'clock on the afternoon of the same date. The seizures were made to satisfy claims of Rev. Christian Adolf Baur.

BUFFALO.

Various Jottings.

The writer was not in town at Thanksgiving, and did not get a wing of the family turkey, but was serenely contented in bachelor's hall, with a cold chicken and sliced cold pork, and when he did return to town the report was that business had been very good. Chrysanthemums to make the house cheerful and violets to send to "the only one" were rather the favorite flowers. 'Mums are about all over and roses and carnations have now come in for a long season; of good qualities of both there are none too many. Growers are pleased with the prices that the commission house and retailers are giving them for good carnations and we hear of this from several parts of the country. This is as it should be. Carnations have for years been grown at little or no profit. If the grandmother and your wife and children all worked at it, and you managed to keep out of debt, or perhaps you grew other things that did yield a profit but without keeping any account, you thought the carnations were earning you a living. The long-stemmed fine carnation that is wanted today should bring close upon the same price as a Bride, Bridesmaid, Perle, Morgan or any of the popular tea roses. Why not? I heard an eastern rose grower, who does not by any means brag of his skill, say that his Bridesmaids averaged twenty-six buds during the year, and a western grower said at the same meeting that his roses of the same varieties averaged forty-nine buds. Can anyone of you do much better with the fine varieties of carnations than twenty-six flowers? Then there is only the little difference in cost of fuel, and its not enough to count, and labor is about the same. A dozen Prosperity, Enchantress or Harlowarden should be worth just as much, wholesale or retail, as a dozen Bridesmaid or Meteor roses, relative quality being the same.

Buffalo seems well off for flowering plants for the holiday season. Palmer, Rebstock and Anderson are all making lavish displays of Begonia Lorraine, all home grown. Mr. Rebstock has enough for the eighth judicial district, which includes the eight western counties of the state. Anderson has a splendid lot of poinsettias and cyclamens. Palmer has begonias, cyclamens, azaleas, etc., to burn, or rather I should say to freeze, and at Cold Springs will be found plenty of flowering plants to satisfy all who will venture so far into the suburbs.

There have been some large demands

House of Dorners' New White Carnations Photographed December 2.

Chrysanthemum Golden Age.

Chrysanthemum Mrs. Nathan Smith.

Two of Nathan Smith & Son's 1903 set of Chrysanthemum Novelties.

for funeral flowers of late. The death of a very popular dock contractor brought out all the designs you can think of, and the grand recorder of the Knights of Macabees, who died in Port Huron, and was buried here, called for many rich emblems, of which Brother Wm. Legg took care of most.

The last time I passed the corner of High and Main streets Louis H. Neubeck was just sweeping out his very ornamental new office; by this time he must be fully installed, and a most attractive place he has. The street ends of his houses were then gay with the plants of the season.

We are, indeed, sorry to have missed Peter Crowe, who stopped off on a flying visit to Erie, Pa., but we are going to see that portly gentleman and all the rest of the Utica friends next week.

Mr. Fancourt, who talks for S. S. Pennock and Mr. Bunyard, who solicits for Cheas & Boddington, called at the same moment. Delightful young men both, and Harry brings you the latest witticisms which are so much appreciated in the provincial towns.

How we would have liked to have assisted at the christening of the Breitmeyer rose at the Cadillac, and how anxious we are to know the result of that aggregation of wisdom and good judgement. You can bet it was what is generally known as a good time. W. S.

PHILADELPHIA.

The Market.

There are more flowers coming into town now; the bright sunshine has toned them up so that both quality and quantity are all that could be desired. There is plenty of business, enough to absorb all the flowers quietly without fuss or hurry. Prices are unchanged, with the exception of lower grade roses, which have declined. Choice roses of all kinds are eagerly sought, especially the varieties outside the "big four," they are wanted to give variety at the teas, now myriad strong.

Choice carnations have brought good prices. In the ordinary grades red and white have sold better than pink but in the fancies Enchantress has moved up into Class A, Section 1, beside Prosperity.

Calla lilies are all becoming quite plentiful and can be had in quantity, also Euphorbia poinsettiana. Sweet peas are rounding into form. Edward Reid has some superb stock that sells readily. Orchids are scarce. Chrysanthemums can still be had of fair quality and will, we are assured, be with us until New Year's.

"Bloomers."

This, gentle reader, does not refer to the much discussed garment, but to that earnestly desired addition to the Christmas stock, a plant in bloom. It seems unlikely that we shall have as large a stock of Lorraine begonias in this market as usual. There will, however, be some good plants, and rather more fine cyclamens than ever before. Robert Craig & Son have three houses filled with these plants. They have also a large stock of small azaleas just coming into flower, and what is quite a novelty at this season, a batch of spiræas quite well covered with flower spikes. These were carried over in cold storage and were forced quite as successfully as at Easter. There are some poinsettias about, though most of these are grown for cutting, and also the primroses and berried plants described last week, which will make up a good assortment for the retailers.

Bulbs.

It is learned on good authority that the seed houses in this city have never experienced such a demand for bulbs as during the season just closed. The Henry A. Dreer Co., Johnson & Stokes and Henry F. Michell Co. have all imported and sold far more bulbs than last season. In many cases large quantities were bought here after all the importations had arrived. The increased demand was noticed especially in named tulips for outdoor planting, and to a lesser extent in mixed tulips and in named hyacinths. Among the forcing bulbs Romans and Paper Whites and again named tulips

were especially popular. Spiræas are also selling well.

A Christmas Wedding.

The Review always aims to give the events of the day, rather than of the past; when, owing to the paper being a weekly, it becomes necessary to choose between today and tomorrow the choice is easy. Know then, kind reader, that while you are glancing over these words a novel Christmas wedding is taking place. The bridal party stands before a background of Christmas trees. The bride carries a bunch of mistletoe, and probably takes the consequences blushingly, while the bridesmaid's bouquets are made of holly, with its bright red berries. This arrangement was designed and executed by Hugh Graham.

Notes.

William K. Harris has a house of gardenias which has passed through many fall dangers and safely entered the home stretch leading to the coveted goal, midwinter flowers.

Robert Craig & Son have fitted up handsome new offices on their place at Forty-ninth and Market streets.

Edward Reid secured a new customer while west this summer, to whom he shipped a wedding order November 23. The flowers reached their destination at Valley City, N. D., and elicited a warm letter of commendation.

The experts are giving kind words to John A. Shellem's new rose.

An out-of-town amateur stated, when here recently, that he was experimenting with leucothoe and galax as house plants with encouraging results so far.

James Heacock, of Wyncote, was elected a member of the Florists' Club at the December meeting.

John Burton has a very large stock of Cypripedium insigne in bud and bloom.

James Cole had a well grown lot of chrysanthemums in pots the past season. This stock went poorly at first, but sold well toward the close of last month.

B. Eschner, of M. Rice & Co., has returned from a successful trip. Phil.

FLOWER SEED NOVELTIES.

Frederick Roemer, Quedlinburg, Germany, is offering a new Begonia semperflorens, Golden King, the flower a rich crimson and foliage golden yellow. Also a new yellow fringed primula; the leaves are a deep purplish green, the flowers quite large and make a nice contrast with the dark foliage. Cineraria Scarlet Queen is said to have flowers a brighter red than any heretofore introduced. Pansy Rosy Morn and Volcano are of the giant flowering class. His list of new annual asters comprises some really charming sorts.

The Michigan authorities state that the acreage of clover seed harvested in Michigan compared with an average is sixty-one per cent. The average yield per acre this season is 1.16 bushels. Owing to unfavorable weather much of the clover failed to fill and consequently was cut for hay.

Omaha, Neb.—Forest Lawn Cemetery has a part of its new greenhouse range ready for use. The rest will be finished in the spring.

You may omit our adv.; we sold all our plants in a very short time; your paper is O. K.—C. B. Flick, Fort Wayne, Ind.

ST. LOUIS.

The Market.

The business the past week was very irregular, but as a whole trade can be classed as good. Thanksgiving prices prevailed all through the week and a better feeling was observed by all in the trade. Good fancy stock has shortened up considerably, with second and third grade stock not over-plentiful. We are enjoying most beautiful weather at the present time and plant decorations can be made without the wagon heaters. The retailers say, "that colder weather is needed to keep the fakirs off the streets." Some of the down-town stores are assuming Christmas appearance, being decorated with wreathing and holly and from reports of some of our florists they have big orders ahead in that line. The prospects are good for a heavy demand for ground pine, holly and mistletoe.

The demand for choice roses is big and not enough come in to supply the demand. The quality of Meteor, Carnot, Bride and Maid is fine. Beauties are in good supply and more plentiful. The demand is best on medium-stemmed flowers. Prices remain the same. In violets the market is only half supplied and those that come in are very fine and bring $1 per 100. The only variety is California. Chrysanthemums are all cut out; the last came in on Saturday, small Eatons and Golden Weddings.

The bulb stock is somewhat scarce and only a few hundred Romans and Paper Whites are in daily, which sell quickly. Valley is in good demand and of extra fine quality. There are calls for callas and Harrisii, but none are in the market. The bulk of the carnations that come in are fine, but not over plentiful and the carnation growers realize clean sales these days. White has the biggest demand. Fine Queen Louise were in the past week, also fancy Morning Glory, Lawson, Nelson and Estelle; $4 to $5 per 100 is asked for these. A few fine Enchantress and Prosperity bring as high as $6. Good common varieties bring $3 per 100.

Wild smilax is having a big run with the West End florists. Greenhouse smilax is fine, with plenty of it in the market. Same can be said of other greens, except asparagus, which seems scarce in this market.

Various Notes.

L. Baumann, of L. Baumann & Co., Chicago, was in town last week selling florists' supplies. Mr. Baumann reports business in his line rushing.

Fred Ammann, of Edwardsville, Ill., and A. S. Halstedt, of Belleville, were callers the past week, buying supplies for their home trade.

Chas. L. Connon has opened the store recently vacated by the Lupe Sisters, in the Columbia candy store. Charlie is now a neighbor to his friend, Fred Foster.

C. A. Kuehn is having a big run on wire work, and the cut flower and supply departments are busy filling orders.

Theo. Miller, accompanied by John Steidel, visited the Clayton florists the past week and reports everything looking lovely for Christmas supply.

Henry Berning is handling a fine lot of violets and carnations grown by F. Ude, Jr., of Kirkwood.

A. Jablonsky, at Wellston, has a fine lot of Gloire de Lorraine begonias which will come in handy for Christmas sales. Mr. Jablonsky is past master in the art of growing these.

Fred Breunig, A. Felter and F. W. Mass, of the St. Louis Seed Co., have made application for membership to the Florists' Club. These applications will be presented at the meeting of the club this week, Thursday.

Frank M. Ellis reports some large shipping orders for Thanksgiving. Mr. Ellis is receiving a lot of fancy stock these busy days.

The poultry show the past week was visited by a number of the florists. Messrs. Kuehn, Koenig and Pilcher were rivals for prizes, each receiving a number of premiums of the first and second classes. The florists who visited the show, besides the exhibitors, were J. F. Ammann, A. G. Fehr, R. J. Mohr, F. M. Ellis and your correspondent.

Bowling.

In the four games bowled by the Florists' Club on Monday night, the scores of the first three men were of a high order. The record for the games is as follows:

Player.	1st.	2d.	3d.	4th	T'l.
Carl Beyer	189	189	234	146	758
J. J. Beneke	197	173	193	167	730
C. A. Kuehn	165	190	177	185	717
Theo. Miller	158	164	154	144	620
F. M. Ellis	148	162	135	160	605
O. R. Beneke	105	140	154	133	532
F. C. Weber	206	136	114	...	456
F. J. Meinhardt	124	161	134	...	419
John Young	111	130	119	...	360

J. J. B.

CHICAGO.

The Market.

Toward the close of last week the market began to stiffen, on light receipts and under the stimulus of increasing demand. This week there is comparatively little stock in the market and the tone is good, with excellent prospects ahead.

Beauties continue among the most plentiful of items and quality is still excellent with most growers, but prices are under those of last year at this date. There are comparatively light receipts of Brides and Maids and some crops are of low average quality. Good stock is selling well, some specials having been taken by local buyers at as high as 12 cents, but this is by no means a market price, far more flowers having been sold at 1 cent than at the first named rate. Other roses are also in only moderate supply.

Carnations have held stiff all week. There is a greater scarcity in this department than the market has seen in a long time, and yet some flowers have gone to waste this week, such poor stock that the buyers could not use it at any price. However, most of the receipts are of very good quality. Violets are another item which have been short this week, but it is suspected that there are plenty on the plants. There is still some call for chrysanthemums, but few at hand, and not many of them of good quality. The low grade stock is poor property.

Valley is good, also plentiful, and Romans and Paper Whites are also equal to demand. Sprengeri is selling well and so are bunches of plumosus tips. Smilax is selling steadily and the shortage of bouquet green is serving to stimulate the demand for asparagus strings.

Chrysanthemum Sunburst.

Chrysanthemum Dr. Enguehard.

Two of Nathan Smith & Son's 1903 set of Chrysanthemum Novelties.

Christmas Prospects.

There is considerable variation in views as to the outlook for Christmas supplies, but a summing up would be about as follows: There is likely to be a good Beauty crop, with enough long-stemmed and the usual shortage in the medium grades. Good tea roses will be scarce, with plenty of "our selection," for this is not what the best buyers want for Christmas. Red is sure to be short. Carnations are already under the demand and good colored stock is sure to be short for the holiday. Undoubtedly more or less aged blooms will develop to break down growers' averages, but he who holds back white at all on such a market as the present deserves no sympathy and as the market is now $3 to $5 on first class stuff no wise man will store colored stock more than a day. Violets are likely to be fairly plentiful. There will be the usual supplies in miscellaneous lines.

Various Notes.

The third trade exhibition of the Chicago Florists' Club will be held in room 522 in the Atlas block on Wednesday, December 16, from 3 to 7:30 p. m. The exhibits are to be holiday plants, novelties and new carnations. F. F. Benthey is manager and the judges are to be C. A. Samuelson, J. F. Kidwell and George Stollery. Gratuities are offered by Peter Reinberg and Wietor Bros. The regular meeting of the club will follow at 8 p. m., when papers will be read by W. J. Smyth and J. S. Wilson on "Desirable Holiday Plants Not Found in this Market." Every member of the trade should turn out for this meeting.

C. W. McKellar has recently visited a number of western and southern cities. He found the trade prospering everywhere but says Chicago is good enough for him, without doubt the center of the floricultural industry.

At Wietor Bros.' the rose houses never looked better and the carnations are fine. They have some White Bonnaffon mums which will be in just right for Christmas.

E. H. Hunt is turning out some splendid birch bark ware novelties in the line of pedestals and zinc lined vases.

J. W. Canaga has started a flower store at Fifty-fifth and Indiana avenue. It is a good location, with no competition anywhere near.

E. E. Pieser says he is looking for a new record for Christmas trade if the growers will land their stock in the market when it is wanted, Tuesday and Wednesday.

Last Friday Bassett & Washburn received 100,000 English Manetti stocks for rose grafting. They are grafting practically all the stock for their own use and also going more extensively than ever into the cutting and plant business.

Paul Blome has opened a retail store on North Clark street, near the George Wittbold Co., with whom he was employed for several years.

Louis Mohn, brother of Mrs. Will Kyle, of Kennicott's, was fatally injured in the Nevada railroad wreck mentioned last week. The body was brought here for burial at Mt. Greenwood.

John Poehlmann is pessimistic as to Christmas; he says that roses are off crop and Beauties shortening up, so that he does not look for large supplies.

Bassett & Washburn have been close to the anxious seat on the coal question, receiving only three cars in ten days. Mr. Washburn made a trip to the mines at Streator last week.

The steadily increasing cost of boxes is making P. & D. quite a question with those houses which make no charge for it. The box makers are in a close combination and have been steadily tightening the screws for a long time.

Weber Bros. have a splendid cut of Brides and Maids coming on, just right for Christmas. Theirs are all old plants and the quality is excellent. Amling is their selling agent.

Peter Reinberg thinks Chatenay is the only rose, unless it is Sunrise; certainly these two are giving him good results this year.

Poinsettias are likely to be a none too plentiful article this Christmas. Winterson has his usual source of supply, but many growers have dropped them and others are late.

M. Winandy is reported to be about to put up nine more short-roofed greenhouses, filling in his corner.

The Foley Mfg. Co. has a new sash lifting machine of very simple construction which several good growers have tried and of which they speak highly. They will push it this season.

Visitors: F. H. Holton, Milwaukee; R. Peterson, Cincinnati; Wm. Dittman, New Castle, Ind.

NEW YORK.

The Market.

Prices have been fairly well maintained since the level reached just after the scarcity and increased demand for Thanksgiving had subsided. Beauties of the highest grade held at 35 cents, best Brides and Maids at 12 cents. The inferior grades have fallen off materially from last week's prices. Carnations also failed to maintain the high rates of last week, and violets were again in excess of requirements; thousands were sold as low as 50 cents, while the special selected stock seldom went above $1.50. Better quality of stock will, however, scarcely be seen this esason. Chrysanthemums are nearing the end and very few will hold until the holidays.

With the Retailers.

The retail stores begin to put on gay attire and demonstrate already the near approach of the festive holiday season. Poinsettias, Begonia Gloire de Lorraine and azaleas especially make the windows

attractive. Holly, wild smilax and Christmas greens form an effective background for the decorations. One of the large Broadway stores had a great display of selected fruit in fancy baskets dressed with asparagus, as a center to a window decoration, the sides of the window draped with immense curtains of purple velvet and satin caught up with tassels and gold cords and ribbons.

Alex. McConnell has had quite a run of weddings lately, the Preyn Metcalf affair at the Church of the Incarnation being the most notable. Mr. McConnell has made every arrangement for the accommodation of out-of-town florists whose customers send boxes of flowers to their New York friends at Christmas.

Hanft Bros. are sending two men to Troy for a big reception decoration this week. At a dinner of the New York Yacht Club at Delmonico's last week, the center piece was a model of the sup Revolution, three and one-half feet long, the hull of white carnations, deck of Liberty roses and fittings of American Beauties, a handsome conception completed by their froce within an hour. Last Saturday they had the shell dinner of the Peanut Club, of which Mr. Hanft is a member. Smilax and sea-grass, with Beauties, formed the decorations.

M. A. Bowe is delighted with the improvement in business, his handsome store in the heart of the city feeling the first effects of renewed prosperity. The windows here are always attractive, the best of everything being used in their decoration.

Various Items.

Bradshaw & Hartman will occupy their branch at 48 West Twenty-eighth street until the end of the year. It is gay with plants, Christmas greens and bells. Mr. Hartman has been ill this week.

H. H. Berger & Co. report the best fall business in recent years. They have just received a large importation of cocos and kentia seeds.

John Scott, of Brooklyn, will place his new nephrolepis, Scottii, on the market June 1. The leading seed and bulb houses are cataloguing it and it is very popular locally, and wherever it has been exhibited. Mr. Scott has some beautiful specimens of Piersoni in 8-inch pans, and his Anna Foster and Bostons well entitle him to the designation, "fern specialist."

Herman Dreyer is a good example of the old adage that "everything comes to him who waits." The Pennsylvania railroad is reported to have just counted out $126,000 for his property at Woodside. There is a thoroughfare known as "Easy Street" close by the greenhouses and Mr. Dreyer is located on the sunny side.

Wm. Ghormley is receiving some fine mums and expects the supply to hold out until after Christmas. He receives a good cut of Beauties and has violets "to beat the band," as he expresses it. Last year he handled 300,000 for Christmas and expects it will be half a million this time.

David Cook, a well-known landscape gardener and florist, is dead at his home in Fishkill Landing, aged 72 years.

Frank and August Millang and Bonnot Bros. maintain life in the Cut Flower Exchange long after "the battling crowd" departs; in fact, from 6 in the morning until the evening shadows fall, they may always be found at their headquarters and the amount of business they are doing would make any of the wholesalers a Merry Christmas.

The sympathy of his many friends is extended to Charles Weathered and family on account of the death of Thomas W. Weathered, whose name has been associated with the greenhouse heating and building business for many years. Mr. Weathered died on Friday morning, December 4. He was in his 85th year. The funeral was held on Sunday, many florists attending.

Judicious advertising, enterprise and square dealing always pay; James McManus is an excellent demonstration of the fact. His business has increased 100 per cent during the past year. The progress of the orchid department is especially encouraging. Some of the largest growers are on his list, and his shipments go daily to many of the large cities.

The belated consignment of roses, rhododendrons, etc., has arrived at Elliott's and this week Friday completes the season of auction sales. Holly trees also will be offered and some very nice stock will be offered for Christmas.

Stumpp & Walter are very optimistic as to the Christmas trade in every line and report a season's business to date, more than double that of last year. Their output of holly will reach nearly 1,000 cases. English mistletoe is a specialty here and their big stores on Barclay and Thirty-fourth streets are gay with Christmas bells and evergreens of every kind.

Alex Guttman's specialty in plants for Christmas will be cyclamen in 6-inch pots, as usual. He disposes of a large quantity of this popular plant every year. His facilities for an extensive wholesale cut flower business have increased greatly since Christmas, 1902.

Charles Millang has installed his new telephone, with switch connections with his office, conservatory and wholesale cut flower department.

J. K. Allen is celebrating these days, for he is "sweet sixteen." Every morning since 1887 on deck at 5 o'clock is a pretty good market record.

Reed & Keller are completely sold out of their folding bells, their sales of this specialty aggregating 30,000 exclusive of those sold by their agencies in St. Louis and Chicago. Every bell was sold to the trade, the department stores being religiously avoided. This firm report a great business on every line this year, their inventions alone forming a large percentage of their output.

On Saturday evening, December 5, Fred Smith, of Woodside, the "good twin," was married to Miss Eberhardt, of the same place.

Moore, Hentz & Nash are again receiving fine stock of the Queen of Edgely rose, for which they are sole agents in New York city.

James A. Hammond makes a specialty for Christmas of the orange tree, as usual. Handling over 1,000 fine plants each season, from 5-inch pots at $1 each, up to some specimens that easily command $10 to $15 in the bon ton retail stores.

Slinn & Hughes are handling all of Jerome Suydam's carnations, and are the New York agents for his red, Amaze, which was so much admired at the Brooklyn convention. Their business has grown rapidly since the formation of the partnership in the early fall.

L. J. Kreshover is, like all the supply men, overwhelmed with business. His space will have to be greatly enlarged to accommodate the increase. He finds the demand for immortelles unprecedented. Bouquet green is short and many orders will remain unfilled. Five carloads of holly and wild smilax in great quantities are amongst the preparations for the inevitable demand.

N. Lecakes has purchased the famous fourteen-acre lily pond at Norwalk, Conn., known all over that state and ensuring him an immense supply of the popular flower in its season. This company, with its branch store and stands in the markets, is doing a great business in green goods, not only now, but throughout the year.

Hicks & Crawbuck report their florist supply department a greater success than they anticipated and the convenience for the Brooklyn florists is thoroughly appreciated. This firm will handle about everything in the supply line for Christmas.

Ralph M. Ward returned from Europe Friday, December 4.

The contemplated flower show and sale of plants at the Herald Square Exhibition Hall, where the chrysanthemum show was held, will take place the week before Easter and not the week before Christmas, as stated last week.

J. Austin Shaw.

PITTSBURG CLUB MEETING.

The Pittsburg and Allegheny Florists' and Gardeners' Club held its regular monthly meeting on Tuesday evening, December 1. The subject before the club was Christmas plants, flowers and materials. Antoine Schultheis, College Point, N. Y., exhibited a nice lot of young palms, solanums in berry and cape heaths. The Pittsburg Cut Flower Co. had a large assortment of wreaths, bells, statice, everlastings, boxwood, chenille cord and Christmas greens, ferns and misletoe. Julius and Gustave Ludwig had an assortment of Christmas greens, including large branches of the strikingly beautiful Dahoon holly from northern Florida, also flowers. John Bader had a magnificent specimen of English holly, scarlet all over with berries; also an assortment of palms, araucarias, screw pines, begonias, azaleas and cut flowers. Randolph & McClements had big plants of the Anna Foster and Piersoni ferns, and Schenley park sent some pretty Lorraine begonias.

Altogether there was a very nice exhibition and abundant food for thought and discussion, and we did discuss things quite lively, too. Nothing very new, either in materials or make-up, was elicited. The growing scarcity of ground pine, hence higher price, was talked about. All expected a big Christmas trade, so all were happy.

The Cut Flower Co. declared they had perhaps the finest green boxwood ever offered for sale, and Mr. Clarke waxed warm when he assured the boys that his folks had everything in the line of Christmas materials on hand that could be found anywhere. John Bader said he would sell that holly for $5, as he had lots more of it at home. Some of the boys tried to squeeze out of him how much he paid for it in Holland; they wanted to know what profits he was making, but John didn't tell all he knew. He urged, however, that holly just as good could be grown in our southern states.

Jackson Dawson, superintendent of Arnold Arboretum, Boston, sent a lot of very bright and beautiful haw, holly, barberry and other hardy berries that might be used to good advantage in win-

ter decorations. They were full of suggestions and much admired.

The Lorraine begonias were complained of as being a little soft for a rough and ready Christmas trade, and that they don't last long in dwellings. Mr. Meyer, of Robert Craig & Son, Philadelphia, was present and told us that in his town the growers pack the Lorraines, ready for retail delivery, so that there is no time lost in the stores in this work. A telephone message brings in the plants, all clean and packed as fast as a horse can trot into town. And they should be grown cool for some time before shipment.

Mr. Meyer brought on a lot of sample palms, ferns, crotons and other plants with him from Craig's and had them spread out in the room in his hotel. When he saw what kind of meetings the florists here have he felt like kicking himself because he hadn't brought his plants into the meeting room, and we, too, felt like kicking him because he hadn't told us in time about them.

Geddis & Blind, a firm of retail florists, were very much wrought up about the way the funeral directors have of squeezing discounts out of the florists and how tardy they are in paying their bills. A committee of three, namely Mr. Geddis, Ernest Ludwig and E. C. Reineman, was appointed to look into the matter and report with recommendations at the next meeting.

Four new members were elected and one proposed.

The subject for our January meeting is to be roses. W. F.

ON THE BASIS OF QUALITY.

The following article from Printers' Ink, the journal for advertisers, is worthy the careful consideration of every florist, for the truths embodied are as applicable to our trade as any other:

This much can be said in behalf of advertising which seeks to win the trade of those who will pay reasonable prices for the better grades of goods, as against advertising based upon cheap goods and low prices. When a customer has once been educated to quality he will seldom return to the masses who seek shoddy and sham goods at split-penny prices. Teach a man to wear good clothes, to drink pure liquors and wines, to register at a high-class hotel; teach a woman to buy solid furniture, to demand the best grades of food and to patronize a dressmaker who is an artist; teach them both to spend money with a reasonably open hand for necessities or pleasures, and their spending capacity has been permanently increased. Rather than revert to the bargain-hunters, they will increase their earning capacity, and the store that appeals merely to the desire to save pennies will seldom win them away from the store that makes worth the first consideration and pennies the last.

It must be admitted, of course, that hundreds of retail advertisers are located in communities where quality arguments would be out of the question—ruinous in fact. Yet there are many depending wholly upon price arguments in communities that would respond quickly to a campaign of education in the buying of quality commodities. The great force behind the advertiser who preaches quality is the capacity of every sort of good merchandise to win its way after introduction.

Quality advertising is sometimes a slow trade-builder, but it builds exceedingly strong. The retailer advertising on a quality basis has several lines of argument. He can show, by plain reasoning, that quality goods are better than bargain commodities, and he can also demonstrate the points wherein cheap goods fail, and how costly they are in the long run. He can show readers that notwithstanding the apparent saving of twenty-five or fifty cents or a dollar, it is impossible to get something for nothing in the world of business—that all merchandise is sold by a hard and fast business system that makes it impossible for a merchant to give five dollars for three—that there is evermore a decided hole in a bargain. He can demonstrate that the difference between two grades of a commodity is accurately determined by experts long before they are offered to consumers.

Arguments of this sort will hardly fill a store with people the day after the adv. is printed, but they lay a permanent foundation for lasting trade. Quality has been behind nearly every business house that has built up a solid reputation and is behind some of the greatest advertising campaigns—if not behind those that make the most noise, at least behind those that will go farthest. Many a retailer who is now using publicity on a price-cutting, competitive basis, would find through systematic experiment that his community is far more susceptible to quality arguments and prices than he has ever suspected.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

THE Royal Horticultural Society has given an award of merit for Dracæna Pere Charon to L. J. Draps-Dorn, Laeken, Brussels. It is so well proportioned and so brilliantly colored that it is likely to become extremely popular. The leaves are about five inches across at their broadest and from a foot to eighteen inches long. The younger central leaves are brilliant scarlet and pink, and the scarlet coloring is also very pronounced on the older leaves, accompanied by dark green.

ASPARAGUS plumosus cristata received an award of merit from the Royal Horticultural Society July 21. This is a dwarf-growing variety with the tips of the frond-like growths both divided and crested in a manner well known to fern-lovers, and as seen in gymnogrammes and pterises. It has lost the climbing habit, and makes a handsome pot plant about eighteen inches or two feet high.

THE beautiful double white stock, White Christmas, can be had in bloom for Christmas by planting the seed about the middle of April.

HOLLYHOCKS.—As yet no means of effectually preventing the spread of the puccinia by which the disease is caused when it has become established upon the plant has been discovered, but plants raised from seeds are practically free from the attack of the puccinia until after they have produced their first flower spikes, and with care in saving the seed the several varieties reproduce themselves quite true, both in form and color. Where so many people err in hollyhock culture is being far too niggardly in giving space to the plants, and manure to the roots. Abundance of air about them, and a freedom of growth which can only be obtained by liberal cultivation, are the secrets of success.

DIRECT fertilizers contain elements which, added to the soil, are at once available as food for plants; such, for example, is nitrate of soda. Indirect fertilizers may be material of which the soil is not destitute, and which is not in itself a plant-food, but which acts on the matters already in the land, and changes some of them from the unavailable to the available form; lime and marl may be classed among these substances.

IF IT were necessary for a manure to contain all the food needed for plant growth, fourteen elements would have to be present to make it complete. But most fertile soils contain an abundance of at least ten of these elements; the only ones often deficient being nitrogen, potash, and phosphoric acid, and, sometimes, lime.

IT HAS been fully demonstrated that all of these essential elements must be present in the soil in sufficient quantity, and in suitable form, to ensure fertility and the successful growth of plants. A deficiency of any one of them will diminish production and prevent a profitable crop, causing the soil to appear exhausted when in reality it lacks but a single substance. This partial, or one-sided, exhaustion is the common condition of what is called "worn-out soils."

CARBON comprises about one-half of the solid constitutents of plants, and is wholly derived from the carbonic acid of the air; this is absorbed by the leaves, and decomposed in their green cells by the action of light, the carbon being retained in the plant tissues for building up the structure, while the oxygen is again set free. Of the element carbon nature always provides an abundant supply in an available form for all the necessities of the plant. But the growing crop, of whatever its character, cannot absorb and make use of this carbon unless there is an available supply of mineral substances, potash, lime, and phosphoric acid in the soil.

WATER is by far the most abundant constituent of all growing plants. This element is nearly all derived from the soil, being absorbed by the roots, and carries with it into the tissues of the plant, in solution, all the ash constituents, and most of the nitrogen which the plant contains. It serves also as a carrier by which the products assimilated are transferred to the places in the plant where they are needed; and finally by its decomposition supplies nearly all of the gaseous elements of oxygen and hydrogen to the plant. It is thus evident that successful gardening is more dependent upon a proper supply of moisture in the soil than to any other factor. Water has, therefore, been called by an eminent writer "the paramount fertilizer."

I WISH to state that I am well pleased with Scott's Manual, which I got last year. It is very helpful. No florist should be without one. JOHN L. MEYER, Devon, Pa.

"THE CLASSIFIED advs. are worth, in time saved to the reader, more than the price of subscription."—George Ellison, Fort Worth, Tex.

YOU WOULD find a copy of the Florists' Manual, by William Scott, the greatest money saver you can add to your equipment.

DENVER, COLO.

Trade Notes of Interest.

October weather in December has a tendency to hurt the floral trade, especially in the cut flower department, and consequently business in that line has been rather quiet in Denver for the past few weeks, but notwithstanding these conditions everybody is busy getting ready for Christmas. Up to quite recently the cut flower market has been overstocked, but the commission house has been the means of getting a lot of surplus stock moved out of the city, which would otherwise have been thrown away. Mr. Waterbury's enterprise is yet in its infancy, and time alone will demonstrate the necessity of such an establishment in the Rocky mountain region, but if a comprehensive and impartial attention to the interests of the various growers is all that is required he will make it pay.

The plant trade is becoming an extensive feature in the retail stores and good stock is always in demand at paying prices. Just now cyclamens are taking the lead and those from the Park Floral Company greenhouses are certainly fine. Mr. Sked, who is foreman at this establishment, has given the hybridization of this valuable winter flowering plant close attention for many years, and is now producing many new shades, as well as some very large semi-double varieties. It is astonishing what results can be obtained from close attention to the culture of this plant. Some of the plants grown at this establishment I have known to carry 100 flowers at one time, and some of them have sold as high as $9 at Christmas. Plants now in the greenhouse twelve to fifteen months old are now retailing at $2 each. Lorraines and poinsettias are also in a high state of perfection at this establishment and preliminary sales have demonstrated their unceasing popularity.

The Colfax Avenue Floral Company is well represented in plants, especially the cyclamens, which are fine specimens, only of the old fashion types.

The Scott Floral Co. hung up its shingle in a large storeroom in the Masonic Temple last week. Phil's big window of twenty feet was quite attractive with poinsettias, backed up with an eight foot wreath of galax, the whole artistically associated with palms, ferns and southern smilax.

Emil Glauber, of Montclair, is stocking up the retailers with a fine lot of plumosus. Being anxious to learn how he produced such fine stock, I visited his greenhouse recently and found other things of greater interest to the fraternity. His plumosus are grown under lath screens during summer and removed into a cool house before frost, where they are thoroughly hardened. They are mostly in 5-inch and represent at retail from $1 to $1.50 each, and sell readily.

Mr. Glauber has been the only extensive grower of the Chatenay rose in the locality and this year he is more jubilant than ever over his success, as he has certainly surpassed all his previous efforts. He has three houses in the most perfect state of health and all coming in for Christmas. He informs me that he cuts fifty per cent more good flowers from this variety than he does from any other, and gets a better price than for any other tea, and they have proven a more healthy and freer grower than other teas. This point is worthy of consideration. He is now ready for potting 10,000 two-eyed cuttings. A peculiarity of this rose is that the select blooms, which come from the strong bottom breaks, lack the color and durability of the other grades. Can any of your readers explain this? I also saw at this place a fine lot of 'mums for Christmas. Among them the old favorite Minnie Wanamaker, which Mr. Glauber says he will not give up for many of the later introductions. He also has a fine lot of Maud Dean, Yellow Eaton and White Bonnoffon. This variety is very well done so far, and will be perfect for holiday trade. This mum is a winner when well done, as pearly and white as Ivory and as large as its relative, the Major, and a splendid keeper, either cut or on the plant.

The Park Floral Company took down its sign, on December 5, from where it has been so many years, and where the best floral trade has been done in Denver at any time of its history. Their new store on Broadway is a jewel, set as it were, in a circle of modern construction and the first of its character ever attempted in this part of the west. A few years ago, when the Mauffs built their marble palace in connection with their greenhouses on Capital Hill, we thought they were getting away ahead of the times, but time has proven different, and their attractive exterior has tempted many to view the interior. But for modern equipment and adaptability to every-day use, I think the lead must be given to the newer establishment. The window is redecorated each day. The evening decoration to catch the eye of the theater goers and others who live in and frequent the large hostelries adjacent to the store. E. Gillis, a young and aspiring artist, is in charge here and is given every encouragement to display and develop his taste in window and other decorations.

Benson's Enchantress are the sensation of the season. There is no trouble selling them at a profitable price; none less than $1.50 per dozen. He plants his stock on the benches early in the summer, preferring to cut good flowers in October than poor ones from old stock in June and July, as he thinks this system of growing stock at a fancy price in fall and winter overbalances the loss of throwing away poor stock in summer, which has paid for itself the previous winter.

Christmas material is beginning to arrive and, as usual, becomes a nuisance to the legitimate florist, who has other branches to attend to. This branch of the trade is getting out of the hands of the florists out here, and the street peddler is selling it for one-half less than such material brought ten years ago.

A new aspirant in the Christmas branch of the business has put in its appearance here quite recently, known as the California pepper, and I think it will hold its own with many of the other materials on the market. It has a graceful, drooping habit, clean, healthy foliage and glossy carmine red berries, retains its freshness a long time and is apparently a good shipper. Great Divide.

Knoxville, Tenn.—Chas. L. Baum has just finished two rose houses, 24x110. He reports business very good.

I consider the Review the best dollar's worth extant.—A. W. Warren, Jerseyville, Ill.

Vegetable Forcing.

Silverdale, Pa.—William Allabough's greenhouse is in very good condition at present. His chief product during the winter is tomatoes.

Chicago, Ill.—Peter Bright has built four large greenhouses in the trucking neighborhood at Rogers Park and has a nice crop of lettuce.

Lawrence Becker, north of Chicago, who last year had his place in carnations, has all the twelve houses in lettuce this season and says he is doing very well indeed.

Chicago, December 9.—Cucumbers, 50c to $1.50. Cauliflower, $1 to $2.25 per barrel. Egg plant, $2 to $2.25 box. Head lettuce, $4 to $8 barrel. Leaf lettuce, 30c to 35c case. Mushrooms, 15c to 40c pound. Radishes, 20c to 50c dozen bunches.

LETTUCE LEAF ROT.

Enclosed you will find a sample of diseased lettuce. I would like to know the cause and remedy, if any, for the trouble is spreading. A. J. S.

The disease affecting the sample of lettuce sent is a very common one. It is of the fungous order, the name usually applied being leaf rot. As a rule the disease seldom attacks the plants until nearing maturity, i. e., after the hearts are pretty well formed. But, from the early stage at which it has struck the sample sent, it would appear that the conditions under which it was grown must have been admirably adapted to the development of the disease.

The conditions under which it would best develop are a soil containing an abundance of humus, and more or less sour, through careless watering, and a close and humid atmosphere. To avoid these conditions as much as possible fresh manure should not be used in the soil and what manure is used should be well incorporated with the soil. Sterilizing the soil has been found advantageous in fighting this disease, but this cannot always be conveniently done. A good freezing will come pretty near accomplishing the same end. Air must be given on all possible occasions. The fact that the lettuce is being grown under artificial conditions should impress upon the cultivator the necessity of trying to supply the natural conditions as far as possible. I have never seen an instance of this disease on plants grown in the open air. A close and humid atmosphere is not only apt to develop fungous diseases, but is sure to promote soft growth. This proves that judicious airing will not only keep the disease in check, but will build up the tissues of the plants and enable them to resist the disease. Soft growth would also result if too high a temperature were kept up.

The lowering of the temperature in this case would help to check the disease. A night temperature of from 35 to 40 degrees, with a rise of from 15 to 20 degrees by day, would promote firm growth and help eliminate the trouble. Watering should be done on bright days only, and done in the morning so as to get the house well dried up before closing time. There is also a good deal in the

variety grown. Boston Market and its several variations are most generally employed. Glass House belongs to this class and is the best we have tried as a disease resister, but all the head varieties are more or less subject to this same trouble and if it is not absolutely necessary to have a head lettuce I would advise the inquirer to try Grand Rapids. This is the easiest grown and quickest maturing lettuce that we have.

W. S. Croydon.

MUSHROOMS.

After the bed is made up, as described last week, it must be allowed to stand until the heat recedes to below 90 degrees. It is not safe to insert the spawn until it has come below that figure. It is of the utmost importance that the spawn be thoroughly fresh. It it very disappointing when, after all the trouble spent on making up the bed, etc., the spawn fails to run and no crop results. Spawn will keep its vitality for a considerable time if kept perfectly dry, but it does not take much damp to render it useless. So it is safest to procure fresh spawn every season from some reliable dealer and avoid disappointment.

The spawn comes in the form of bricks and should be broken up into pieces about two inches square. These pieces should be inserted into the bed in holes about three inches deep and five or six inches apart, the holes being filled over the spawn with the material composing the bed. When the temperature has fallen to about 75 degrees, which will be in a week or ten days, a covering of about two inches of good loam should be given. This loam should be moist but not wet, and will be all the better if it has been kept in a warm place for a day or two before using, so as not to have it too cold.

The soil should be beaten, so as to present an even surface, but not beaten hard, especially if it should be a little wet. Hard beating would have a tendency to make the temperature of the bed rise higher than desired. It will rise a little in any case, but if it does not exceed 80 degrees there should be no danger of the spawn burning. A covering of clean straw should be given about a week later to help conserve both heat and moisture.

If the proper temperature and suitable atmospheric conditions are maintained, mushrooms ought to show in about seven weeks from time of spawning. When they appear the straw covering should be removed. Watering should be unnecessary if the proper amount of atmospheric moisture is being supplied, but if the bed should become dry water will have to be given and should be applied at a temperature of 80 degrees; but the grower should try if possible to get along without needing to apply water.

W. S. Croydon.

Wausau, Wis.—M. Phillips has built another house, 22x125, and put in a new boiler. His brother, Peter, is here from the old country, and will go to work for Mr. Phillips.

New Castle, Ind.—Wm. Dittman has recently been to Chicago and it is reported to have been for the purpose of examining the latest styles of greenhouse construction, preparatory to enlarging his own plant.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

Nurserymen are reported to be looking for American elms in the larger sizes.

H. N. Albaugh, of Phoneton, O., has been re-elected president of the Montgomery County Horticultural Society.

Wm. A. Peterson is now a director in the State Bank of Chicago, one of the city's largest financial institutions.

Jas. McVitty, proprietor of the Riverview Nursery, Geneva, O., has shipped several carloads of stock to Rochester.

Clarence Wedge, of Albert Lea, Minn., has the sympathy of the trade in the loss of his wife, who died December 2.

Jas. Hartshorne, of Joliet, states that he has a plantation of Peonia festiva maxima on the St. Louis World's Fair grounds.

A. Von Holderbecke, state commissioner of horticulture of Washington, has been destroying eastern nurserymen's stock in such quantities that he has practically driven them out of the state and they are threatening suits for damages.

Rebecca J. Pinkley, of Springfield, Ill., has brought action for damages against the Spaulding Nursery and Orchard Co., to recover $5,000 for alleged personal injuries. She claims to have fallen on some defective steps on the grounds of the nursery company.

A machine for wrapping oranges and other fruits with paper has recently been perfected, and is being installed in some of the large orchards and packing-sheds of California and Florida. The machine is run either by hand or power, and has a capacity of 25,000 to 40,000 oranges per day. The paper is fed from a roll, and the machine will wrap fruit from the size of marbles upwards. With such a machine the cost of wrapping is much reduced.

Frankfort, Ky.—Congleton Brothers' greenhouse was destroyed by fire on the morning of November 27. The loss was total, no insurance.

Leslie, N. J.—M. F. Smith and others have incorporated the Dogwood Hardy Gardens, to do a general florist and nursery business here.

Jerseyville, Ill.—A. W. Warren took possession of the place of the late F. Bezner, in September, 1902, after it had been closed a year. He has now built up a good trade. A few weeks ago his dwelling was destroyed by fire; no insurance.

Anderson, Ind.—Stuart & Haugh have fourteen greenhouses covering about 30,000 square feet. The business was established by J. S. Stuart, sixteen years ago, and Mr. Haugh became associated with the firm in 1895. They are doing a very nice business and reaching out in new fields.

LARGE, BUSHY
HYDRANGEA
Paniculata Grandiflora.
4 to 5 feet.
$3.00 per doz.; $15.00 per 100; $120.00 per 1000.
ANDORRA NURSERIES
Chestnut Hill, PHILADELPHIA, PA.
Mention Review when you write.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention the Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention the Review when you write.

Send to THE MOON Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention the Review when you write.

RHODODENDRONS
Large stock of forcing varieties just received; plants are well budded. All the good ones, such as Mrs. John Waterer, Kate Waterer, Prince Camille de Rohan, Catawbiensis Grandiflora and several other good kinds. Write us for list of varieties and prices.
Ozone Park Nurseries, Ozone Park, L. I., N.Y.
Mention the Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention the Review when you write.

Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

I have always found your paper a very good value for a dollar.—G. H. Mills, Toronto, Ont.

We certainly like your paper very much and would not want to do without it.—F. G. Mense, Glen Cove, L. I., N. Y.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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COULD not keep house without THE REVIEW.—E. E. ALLEN, Blairsville, Pa.

WE cannot afford to do without the REVIEW.—G. M. THOST, De Soto, Mo.

ANONYMOUS queries cannot receive attention. Names and addresses are necessary.

WHILE I take other trade papers, the REVIEW is my standby; could not do without it.—ETTA J. NOTT, Charleston, Ill.

IF YOU have retail orders to be delivered in other cities consult the advertising page headed "Leading Retail Florists."

WE feel that we could not get along without the REVIEW, as it gives us valuable information we need every day in our business.—ADGATE & SON, Warren, Ohio.

I RECENTLY saw a copy of Scott's Manual and don't understand how any up-to-date florist can afford to do without it; I enclose $5; send me a copy at once.—A. L. RAUB, Easton, Pa.

WE enclose a dollar for another year of the REVIEW. Your paper we consider the best paper, for both the experienced and inexperienced, of any of the florists' papers; we could not think of doing business without.—W. J. MILLER & SON, Pontiac, Ill.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

FOR SALE—Half interest (or whole) in established seed business; New York state; party can have sole management; fine opportunity for man with $2,000 or more. Address No. 5, care Florists' Review, Chicago.

FOR SALE—Owing to death in the family I will sell my home and greenhouses; dwelling is a comfortable house and in good condition; there are four greenhouses with 12 000 feet under glass; well stocked with choicest plants; business a well paying one and in first-class condition; near railroad; good shipping facilities. Address William Miller, Vailgate, N. Y.

FOR SALE—400 engravings consisting of electrotypes, half-tones and zinc etchings for a complete catalogue of flower and vegetable seeds, greenhouse and hardy perennials, plants, shrubs, etc.; give me an offer. Address H. W. Koerner, Station B., R. No. 6, Milwaukee, Wis.

WANTED—A good man in flower store; must deliver and do other work pertaining to the florist business; state wages and particulars. Address E. Kitzinger, 568 N. Ashland Ave., Chicago.

SITUATION WANTED—As foreman or manager, 18 years' practical experience in wholesale and retail. Apply stating wages, size of place, etc., to Florist, Box 373, Trinidad, Colo.

SITUATION WANTED — By first-class assistant under glass; private place preferred. Address H. H., care Bridgeman's Seed Store, 37 East 19th St., New York.

WANTED—At once first-class Beauty grower. No other but first class man need apply. Address John Muno, 51 Wabash Ave., Chicago.

SITUATION WANTED—By a single, sober, experienced florist inside of Illinois. Address No. 2, care Florists' Review, Chicago.

SITUATION WANTED—By young man 26, with 5 years' experience in florist work besides other gardening experience; in or near Chicago preferred. Address No. 3, care Florists' Review, Chicago.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

WANTED—A bright, hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first-class salesman. Address, with references as to ability and character, stating wages desired, No. 205, care Florists' Review, Chicago.

FOR SALE.—One 35 horse-power horizontal tubular steam boiler, all complete except steam fittings, $70 00; one 6-in. Ericcson hot air engine, $45 00; one 8-in. Ericcson hot air engine, $65.00; one 6-in. Rider hot air engine, $95.00; one No. 5 Scollay, good condition, $50.00; one No. 5 Weathereds, good condition, $50 00; new guaranteed block pipe, full lengths, at 9¾ cts. ft.; second-hand pipe as follows: 2-in., 7½ cts; 1½-in., 5¾ cts.; 1¼-in., 4½ cts.; 1-in., 3¼ cts; ¾-in., 3 cts.; second-hand pipe cutters, $1 50; No. 1 stocks and dies, $4.00; No. 2 stocks and dies, $5 00. Guaranteed ¾-in. hose, will stand 150 lbs. water pressure, 7½ cts. ft.; not guaranteed, 4¾ cts. ft.; also a job lot of old fire hose; send for price and quantity. New greenhouse glass, 16x24, double, natural gas made $3.50 box; 16x18, 14x20, double, $3.35 box; 12x16, single, $2.40 box; 10x14, 12x12, single, $2 28 box; 8x10, double, $3.10 box. Lot of new cypress for benches, $30 00 per 1000 ft. We furnish everything for building. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health.

JAS. RICHARDSON, London, Ohio.

A RARE BARGAIN.

For Sale. Four large Greenhouses, 10,000 feet, 10 by 15 double thick glass, all well stocked with Carnations, Smilax, Mignonette, Sweet Peas, Plumosus, Sprengeri, Violets, etc. Nicely located on two railroads and trolley; close to depot. Large packing shed, 20 by 24 feet; one-half of houses new, the other half good as new. A large paying retail and wholesale cut flower and plant trade established; no opposition; running from 2000 to 3000 feet of botbeds and cold frames; sash for same, double thick glass. All in best of shape and in good running order. Connected with the same a 14-room double frame dwelling house, good as new; two wells of water; windmill and reservoir connected; electric lights all over the place. Hot water used for heating. Will sell at a bargain. 35 miles from Philadelphia, on Baltimore Central R. R. To any one with a small capital it is a grand opportunity for investment. Health failing. Possession given of everything at close of sale. One-fifth of purchase money can remain in the property. Any one desiring to examine the premises will be welcomed and particulars made known by

E. J. CLOUD, Florist,
L. B. 32, Avondale, Chester Co., Pa.
United Keystone Phone No. 9.

L. J. KRESHOVER'S

ARTICLES INDISPENSABLE FOR CHRISTMAS

MISTLETOE Domestic or English, per lb., 25c; 25 lbs., $5.50.

HOLLY Choice quality, dark green foliage and plenty of red berries, per case, 4 x 2 x 2, $4.50; 5 cases, $20.00.

Galax Leaves Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots. Small Green Galax for Violets, 75c per 1000.

Southern Smilax Absolutely the best stock in the market. Per 50-lb. case, $6.00; per 35-lb. case, $4.50; per 25-lb. case, $3.50.

Green Cake Moss $1.25 per bag.

Immortelles Red, Purple, White, Blue, Pink, $2.75 per dozen bunches. Yellow, $2.25 per dozen bunches.

Palmetto Leaves For Decorations. Large size, $2.00 per 100; medium size, $1.50 per 100.

Leucothoe Sprays Bronze and Green, 90c per 100; $7.50 per 1000.

Green Sheet Moss Suitable to wrap around pots, per bbl. sack, $2.50.

Hemlock Branches $2.50 per large bundle.

Fancy Ferns $1.75 per 1000.

Remember the address, 110-112 W. 27th St., New York City. Tel. No. 597, Madison Square

CHRISTMAS GREETINGS!

BERRIES AND BERRIES.

The Botanical Society of Western Pennsylvania had a large and very spirited and happy meeting Thursday evening, December 3, in one of the lecture rooms of the Carnegie Institute, Schenley Park, Pittsburg. The subject under discussion was "Our Native Evergreens, Winter Berries and Christmas Flowers," and to illustrate the object in view a central table running the whole length of the hall was completely covered with berries of many kinds, flowers and plants. Jackson Dawson, of the Arnold Arboretum, of Harvard University, sent thirty-nine distinct kinds of berries of hardy trees and shrubs; from Dr. Galloway and G. W. Oliver, of the experimental grounds of the U. S. Department of Agriculture, Washington, D. C., came a large assortment of hardy berries and some very interesting flowers; John Dunbar, of Highland Park, Rochester, N. Y., sent forty-one kinds of hardy winter berries; Prof. Medsger, of Atherton, Westmoreland county, brought an assortment of all of the evergreen, sprays of trees and shrubs and ferns and other denizens of the woods and mountains in his region.

A. Schutheis, College Point, N. Y., sent such palms and flowers as are popular at Christmas; the Pittsburg Cut Flower Company presented cut flowers and immortelles; J. & G. Ludwig, Allegheny market, a lot of Christmas greens; John Bader, a magnificent specimen of imported English holly in full berry, and the Phipps Conservatory a few little plants. H. J. Heinz Co. sent an exhibit of the various jams, preserves, etc., made by them from berries, both popular and technical.

Select Councilman James J. Booth, an ex-president of the society, supplied a very liberal assortment of "berries" that delighted the young folks a good deal more than the barberries, haws and rosehips so plentiful on the table. They included different kinds of grapes, raisins, currants and cranberries, all of which we know very well are berries, but when he spread before them baskets of oranges, lemons, grape fruit, tomatoes, peppers, egg plant fruits, and the like and told them that these, too, were true berries, a smile of incredulity crept over the audience. But several botanists confirmed the fact, and the eminent surgeon, Dr. W. R. Hamilton, declared that water melons and pumpkins also were berries. Prof. H. Holbrook, superintendent of the South Side High School, facetiously took exception to any such a science that would urge that his Thanksgiving pumpkin pie was a Marblehead berry pie, and that the refreshing "wata' million" of the Georgian darky was simply a rattlesnake berry, but he was glad that no one could confute the fact that the mistletoe and the holly were true berries, and he hovered so long and lovingly over the memory of the white berried parasite that a bevy of Normal girls handed the learned patriarch a sprig of it. But Prof. Medsger insisted that the holly "berry" isn't a berry at all; it is a drupe and among fruits belongs to the same class as the plums and cherries.

Henry H. Negley dwelt upon the beauty of berried plants and was enthusiastic over the profusion and vivid showing of the Yaupon and Dahoon holly of northern Florida and the Gulf states; and the berry-like fruits of the pepper tree in California. Great sprays of these were on the table.

Rev. Dr. D. C. Martin had a good word for the jams and preserved fruits before him; he had eaten of and could vouch for them all. But it took a long stretch of imagination to admit that the chetney and tabasco sauce in the bottles on the table were berries, or, to please the botanists, that the tomato-soup or canned tomatoes were put up berries. Verily, verily, much learning doth make one mad.

Ex-President Dr. T. D. Davis urged everybody to eat berries, and lots of them, for they are a delicious and healthful food, and not bother about the scientific definition of a berry.

The president called attention to the fact that the spread of winter berries on the table was the fullest he had ever seen; it contained 117 distinct species, and still not one of them was grown in Pittsburg. The utility of these berries was twofold, first in an ornamental sense, and, secondly, as food for the birds in winter.

The meeting was an exceedingly enthusiastic one and did not adjourn until 11 o'clock. Before going the president appointed a committee to distribute the fruits and flowers among the audience, so every one carried away a happy reminder of one of the most delightful meetings ever held by the society. Mistletoe was at a premium, and on the cars going home, freely did the high school girls swap their oranges and grapes for sprigs of the inspiring parasite.

Mistletoe

FOR THE HOLIDAYS.

Give us your inquiries.

The Walker Seed Co.

Oklahoma City, Okla.

TORONTO, ONT.—R. Mearns says he has had a good year and is looking forward to a large holiday trade.

SPRINGFIELD, MO.—The business formerly conducted by the Springfield Floral Co. is now going as the Springfield Seed Co. The management is the same.

THE fine American Beauty roses used in making the picture on our title page were kindly contributed for the purpose by Messrs. Sievers & Boland, San Francisco.

DECATUR, ILL.—The Decatur Horticultural Company has been licensed to incorporate with $2,500 capital stock, to "cultivate flowers, plants, vegetables and sprouts." The incorporators named are Oscar B. Mueller, George W. Neyhard and Joseph Charoune.

MISTLETOE!

Of what value is Mistletoe with the berries and foliage nearly all off, the original bunch broken up into small pieces which are unattractive rather than attractive, and which cannot be made into an attractive form, and sells only to those customers who buy it "merely because it is Mistletoe?"

Mistletoe in its natural form, handsome well-berried bunches, is beautiful and attractive and sells on these merits. It is true that some customers cannot afford a large bunch, but for these a small sprig may be broken off of the outer edge without destroying the original bunch or the effectiveness of it. The sprig broken off is pretty and pleasing because it is in perfect form, having been correctly cut, packed, shipped and displayed. You have pleased a customer. With them quality counts. Why not with you? There is profit for you in such stock.

I ship this one grade only. By express C.O.D., with the privilege of examination before you accept it. My risk, not yours.

GEO. L. STILES

"The Mistletoe Man,"

Care Oklahoma Floral Company **Oklahoma City, O. T.**

Mention Review when you write.

ST. PAUL, MINN.—The annual report of the Oakland Cemetery Association, presented November 30, shows the sales from the greenhouses to have been $5,790.70.

CINERARIA STELLATA.

Having heard of the different ways of culture of this beautiful and very useful greenhouse annual, I am just giving the very easiest and most successful way that I have grown it myself for a number of years, thinking that it will, if tried benefit the readers of this most useful paper, writes C. W. Easton in The Gardening World.

The first and one of the most particular parts is to clear an empty space, say under the greenhouse staging, so that there is plenty of light and air. Then give a good sprinkling of sifted soil about one inch or two inches deep, and then pick out the best colors and healthiest plants, as they gradually fade, and stand them under the stage on to the soil you have ready for them until the seeds have dropped. Give them a shake and throw the old plants away, and then give a good watering under the stage with a fine rose can. Then after they come up give them an occasional water with the rose on to keep them moist, as cinerarias must not be kept too dry or too wet, but with keeping moist they thrive well. Then when they have about three leaves on, pick them out with a small trowel or pointed stick. Then pot, not too firmly into small pots, with soil run through an inch sieve, with a good sprinkling of leaf mold and silver sand. Then stand them in a cold frame, give a good spray finely twice or three times a day with the syringe, and keep close from the bright sun for about three days. Water if required, and gradually put more air on.

In a very short time they will want repotting. This time soil should be two-thirds loam, one leaf mold, silver sand, and a little mortar rubble, not too coarse. To keep the soil open and sweet a little wood ashes would do no harm. If they are fresh, place them back in cold frame, still shaded from the bright sun; then when they get well rooted give them medium strength soot-water about twice a week to keep worms, etc., out of the pots. If required, fumigate with xl all compound for green and brown fly. If the nights are warm during August and September, leave the lights off, as cinerarias will thrive wonderfully if they can get the morning dew, so that shading is put on again before the sun gets too powerful, and that also keeps them sturdy and stronger than if the lights are kept on.

Great care must now be taken to house the plants before severe frosts set in, as the least frost is fatal to all cinerarias. If they are required for house decoration they will require potting again. Great care must be taken not to over-water them during the winter months. In this way I have grown them from one foot to four feet high, but I have found the best way is to let the plant get about one foot high, then pinch the top out when the side shoots are showing, and by normal feeding you can get them three feet high and three feet through.

The Review is as necessary to the successful florist, as air and water to his plants.—W. W. Nash, Montrose, Pa.

I like your paper very much. It is an educator and a convenience as well. I read it carefully every week, and have from the first.—F. P. Avery, Tunkhannoch, Pa.

Christmas

We expect our usual supply in all lines for the holiday trade but

Advise that orders be booked early.

First come, first served.

Christmas Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES,
all lengths of stems,
at market rates.

	Per 100
Brides	$6.00 to $8.00
Brides, Fancy	10.00 to 12.00
Maids	6.00 to 8.00
Maids, Fancy	10.00 to 15.00
Meteor	8.00 to 10.00
Meteor, Fancy	12.00 to 20.00
Liberty	8.00 to 10.00
Liberty, Fancy	15.00 to 25.00
Golden Gate,	6.00 to 8.00
Golden Gate, Fancy,	10.00 to 12.00
Roses, our selection,	6.00
Carnations, Common,	3.00
Carnations, Select	4.00 to 5.00
Carnations, Fancy,	6.00 to 7.00

	Per 100
Violets	$1.50 to $2.50
Valley	4.00 to 5.00
Paper Whites	4.00
Romans	4.00
Mignonette	4.00 to 5.00
Marguerites	1.00 to 1.50
Stevia	1.50 to 2.00
Adiantum	1.00 to 1.25
Smilax	12.00 to 15.00
Asparagus Strings,	40.00 to 50.00
Asparagus Sprays,	2.00 to 3.00
Sprengeri	2.00 to 3.00
Sprengeri, Long	4.00 to 6.00

Galax, Green, $1.25 per 1000, 15c per 100.

Galax, Bronze, $1.50 per 1000, 20c per 100.

Ferns, per 1000, $2.00; per 100, 25c

Kennicott Bros. Co.

WHOLESALE FLORISTS,

And dealers in

Florists' Supplies,

40, 42 AND 44 RANDOLPH ST., **CHICAGO, ILL.**

For Christmas...

HOLLY And Other Choice Greens

XMAS RIBBONS

See Last Week's REVIEW, Page 59, or Write Us for Special Quotations

SAMUEL S. PENNOCK 1612 LUDLOW STREET, PHILADELPHIA, PA.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19-21 E. Randolph Street, CHICAGO, ILL.

CHRISTMAS PRICE LIST. Taking effect December 20.

	Per 100
Beauties, 36-inch	$100 00
" 20 to 24-inch	60.00
" 18-inch	40.00
" 12-inch	25.00
Liberties, select	15.00
" 8 to 10-inch	10.00
Brides and Maids, long, select	$12.00 to 15.00
" " good stock	8.00 to 10.00
" " short	5.00

	Per 100
Poinsettias	$25.00 to $50.00
Carnations—Hills and Clouds	4.00 to 5.00
" good pinks	5.00
" fancy pink & red	6.00 to 8.00
" 1000 lots, common our selection, $35.00.	
Harrisii and Calla Lilies	20.00
Valley	4.00 to 5.00
Violets	3.00

	Per 100
Narcissi and Romans	$3 00 to 4.00
Adiantum	1.00
Galax per 1000,	$1.50
Smilax	12.00 to 15.00
Asparagus Sprengeri, per doz.,	35c
Asparagus Plumosus Sprays	2.00
" Strings	40.00
Ferns, fancy per 1000,	$2.00
Red Berries per box,	2.50

Mention the Review when you write.

THE CHICAGO CLUB'S PROGRAM.

C. M. Dickinson, chairman of the program committee of the Chicago Florists' Club, is mailing to members and all interested parties handsomely printed copies of the club's program for the winter. It is as follows:

December 16.—Third exhibition flowering, berried, decorative and foliage plants, suitable for the holiday trade. Gratuities offered by Peter Reinberg and Wietor Bros. Exhibition open from 3 to 8 p. m. Regular club meeting at 8:30 p. m. A ten minute paper on the subject, "Desirable Holiday Plants Not Found in This Market," followed by a ten minute talk by a grower, answering and supplementing the same.

January 6.—Regular meeting. Review of the holiday market. Notes and comments from members of the trade in other cities regarding special features of the holiday trade.

January 13.—Musical and dramatic entertainment. Full program issued later.

January 20.—First allied trades meeting at the club room, 8 p. m. Topics for discussion, "Pipes, Fittings and Valves," "Glass" and "Paints, Oils and Putty." Papers will be read by specialists in these articles.

February 3.—Regular meeting. Special features to be announced later.

February 17.—Grand exhibit of roses, carnations, violets, plants and bulbous stock. Open at noon, admitting the public by card issued by club members until 4 p. m. The evening is to be known as guests' night and the annual banquet of the club will be held and tendered to visitors. Addresses by prominent men in the trade.

March 5.—Second allied trades meeting. The evening will be devoted particularly to greenhouse construction. Firms in this line will be invited to exhibit and explain "new wrinkles" in greenhouse construction and improved methods, to be followed by a general discussion.

March 19.—Retailers' night and exhibition of floral work. Talks by leading retail florists and a discussion upon the good and the bad in floral designs. An exhibition of floral requisites may be held on this date—decision to be announced later.

April 9.—Wholesalers' night. Discussion by wholesalers, especially of the Easter market conditions, quality of flowers, criticism of growers' methods, trials and tribulations of the wholesaler.

April 16.—Bedding plant exhibition at 4 p. m., followed by regular meeting. Papers and discussion on bedding plants, prices, etc.

May 7.—Third allied trades meeting. Subjects, "Fertilizers" and "Coal." Papers by specialists in these subjects. Discussions by the club.

May 21.—Exhibition of cut blooms and plants at 4 p. m., followed by last regular meeting of the club for the season. Various meetings for the summer will be announced later.

The club will be pleased to receive and exhibit at any meeting or exhibition any new flower or plant, especially well grown specimens of older varieties, or in fact anything of special interest to members of any branch of the trade. Certificates of merit will be awarded to worthy new varieties whenever shown.

THE beautiful picture on the title page of this issue is from a copyrighted photograph posed by C. H. Anderson, artist of the Elite Photographic Studio, San Francisco, Cal., and is used by the courtesy of Paul Lotz, proprietor.

WE are in receipt of Vol. VII, Part II, of the American Park and Outdoor Art Association, containing the reports of standing committees presented at the Buffalo meeting last July. The pamphlet is principally notable for John C. Olmsted's report on checking the abuses of billboard advertising and the reasonable views he expresses.

ENCLOSED you will find the best invested dollar in my business; continue the REVIEW.—H. P. LODING, Mobile, Ala.

1897

Gardenias,
Valley, Roses.

As fine as can be grown.

Prompt payments and highest market prices guaranteed.

Christmas
Greeting

and a

Happy
New Y

TO ALL
MY FRIENDS.

JAMES M

Telephone
759 Madison Sq.

Wholesale Florist,

Orchids,

Am.
Beauties,

Liberties.

OU

Square dealin
possible for
and absolute

Don't f

Orc

of every

CONSIGNM

I am rec
daily from
ORCHID GR

Telegraph for
at any time;
trade is growing

ear

Headquarters
FOR
ORCHIDS

1903

Increased demands make more consignors necessary, especially of Beauties, Meteors, Liberties and **ORCHIDS.**

ICMANUS

0 W. 30th St., New York City.

OTTO:
he highest value
mount expended,
ility.

et I handle

nids

ular variety.

S SOLICITED.

g superb stock
e of the best
RS OF AMERICA.

you want of anything
ve it. Our shipping
antly.

The best always
of the new

Carnations,

Lily
of the Valley,

Violets.

Poinsettias for Christmas

Very Select Stock, $3.00, $4.00 and $5.00 per doz.

FIRST-CLASS HOLLY, $3.50 a case, Selected cases, $4.00 each

Well Berried MISTLETOE, very fine, in any quantity.

CYPRIPEDIUM INSIGNE, by the dozen, hundred or thousand.

BOX-WOOD SPRAYS, glossy green, very decorative.

VIOLETS, BEAUTIES, VALLEY, TEA ROSES, CARNATIONS, LIBERTIES, etc. THE BEST OF EVERYTHING in the MARKET at REASONABLE PRICES.

We shall be strong on Beauties for the holidays.

The Philadelphia Wholesale Flower Market

1228 Cherry St., PHILADELPHIA.

All Kinds of Choice Christmas Plants.

THE RIBBON HOUSE

SCHLOSS BROS., 533 Broadway, NEW YORK

SPECIALTIES IN FLORISTS' RIBBONS, CHIFFONS AND NOVELTIES.

Mention Review when you write.

ALKALI IN WATER.

Please let me know if there is any way to make soft water from hard. We have here all hard water and full of alkali, so that we cannot use it on our stock.

P. J. K.

There is more to this query than appears on the face of it. Any method which I could recommend would be too expensive for a florist to adopt. The best and surest method is to distil the water, but, of course, that is out of the question. Some acids will neutralize the alkali but this is a question for an expert chemist. Would advise P. J. K. to forward a sample of the water on his place along with his query to the faculty of the Agricultural College of his state. They, as a rule, are willing to lend their aid in such cases. RIBES.

A BROKEN GASKET.

I have a sectional boiler that was put up this year and there is a flaw in one of the gaskets (asbestos ring) that goes between the sections to make them water tight. I think the gasket is probably broken. The water gets out by the expansion and contraction caused by the heat upon the iron. I was told it would probably tighten up when firing became a steady thing, but it has not so far. Whenever the boiler cools off it continues to drip into the ash pit and soaks the ashes. As it is too late in the season to replace the gasket with a new one without a great risk to my plants, can you suggest any way of making the joint tight? The bolts are as tight as I can screw them up and still, as I have said, the action of the fire causes the joint to leak, especially when the fire is out or low. What I want to know is, shall I let it alone for the present or is there any danger of the leak getting worse? I don't know if I have made this clear, but I shall be glad to get advice on the matter. The leaking joint is near the fire box, but does not hurt the fire at present, as it runs down the side of the ash pit. W. P. R.

Let us book your order for

Christmas Roses, NOW,

and assure yourself a supply of GOOD FRESH CUT Stock.

Prevailing Market Prices.

HELLER BROS., New Castle, Ind.

Mention the Review when you write.

WILMINGTON, DEL.—Millbrook Lea Greenhouse Co. has been incorporated here with a capital stock of $100,000. The incorporators are J. Lehman, of Whiteland, Pa.; J. Lardner Howell and A. B. Kelly, of Philadelphia.

CHRISTMAS

Orders received now for choice stock of all varieties : : : :

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NEW CROP. This splendid strain of Mammoth Verbenas can not be excelled for immense size of florets, large trusses and beautiful bright and distinct colors.

Mammoth Verbenas, J. & S. choice mixed.....2000 seeds 20c; per oz., $1.00
" " separate shades, white, pink scarlet, purple and striped.2000 seeds 25c; per oz., 1.25

New Crop Smilax.....Per oz., 20c; per lb., $2.50

Get our prices on Begonias, Gloxinias, Lilium Auratum, Album Rubrum and Japanese Fern Balls

BURBANK'S GIANT SHASTA DAISY. Seed saved from the largest flowers, 100 seeds, 20c; 1000 seeds, $1.25.

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LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex long stems	$5.00
" " 30-36 in. stems	4.00
" " 20-24 "	$2.50 to 3.00
" " 15-18 "	1.50 to 2.00
" " Short stems	.75 to 1.00
	Per 100
CHATENAY, extra select	$10.00 to $12.00
" medium	6.00 to 8.00
LIBERTY	4.00 to 10.00
SUNRISE	4.00 to 10.00
BRIDE	4.00 to 8.00
BRIDESMAID	4.00 to 8.00
GOLDEN GATE	4.00 to 8.00
PERLE	3.00 to 6.00
CARNATIONS	4.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

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HARDY CUT FERNS.

Write for Prices.

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When Writing Advertisers.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 9.

	Per doz.
Beauties, Specials	$5.00
" Extra	4.00
" No. 1	2.50 to 3.00
" Shorts	1.50 to 2.00
Queen of Edgely, No. 1	4.00 to 5.00
" " " No. 2	2.50 to 3.00
" " " No. 3	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Specials	10.00 to 12.00
" " Extra	4.00 to 8.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	4.00 to 8.00
Liberty, Firsts	15.00 to 25.00
" Seconds	5.00 to 12.00
Meteor, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Ideal, Firsts	10.00 to 12.00
" Seconds	5.00 to 8.00
Orchids—Cattleyas	50.00 to 60.00
" Cypripediums	12.50 to 15.00
" Dendrobium Formosum	40.00
Carnations, Commons	1.50 to 2.00
" Selects	2.50 to 3.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	.35 to .50
" Sprengeri	50.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12.50
Chrysanthemums, Ordinary	4.00 to 10.00
" Fancy	18.00 to 25.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus, Paper White	3.00 to 4.00
Poinsettias	12.50 to 2500
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.50
Violets, Double	1.00 to 1.50
" White	1.50
" Single	.40 to 1.00

Lilac, white, $1.00 per dozen sprays.

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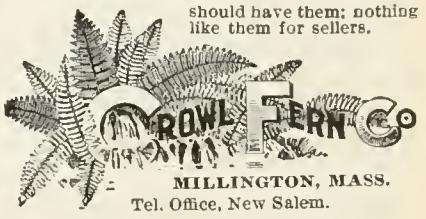
Discount on large orders. Galax, bronze or green, new crop, 75c per 1000. Laurel Festooning, best in the world, 4c, 5c and 6c per yard—once used, always used. Southern Smilax, $5.50 per case, 50 lbs. Try it when you want Smilax. Bouquet Green, No. 1 stock, $6.00 per 100 lbs.; also made into Wreaths and Roping; write for prices. Laurel Wreaths for Xmas; everyone should have them; nothing like them for sellers.



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Special arrangements this season for the extensive handling of American Beauties.

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Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed.

The finest stock in the market always on hand.

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CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

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Wholesale Cut Flower Prices.

New York, Dec. 7.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	10.00 to 20.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 12.00
" " Extra	6.00 to 8.00
" " No. 1	2.00 to 3.00
Golden Gate	4.00 to 12.00
Liberty	4.00 to 20.00
Meteor	3.00 to 8.00
Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 2.00
" Fancies	3.00 to 5.00
" Novelties	4.00 to 6.00
Adiantum Cuneatum	.50 to .75
Asparagus plumosus, Strings	25.00 to 50.00
Callas	6.00 to 10.00
Chrysanthemums,	6.00 to 25.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	1.00 to 2.00
" fancy	2.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	6.00 to 10.00
Violets, ordinary	.40 to .50
" extra	.75 to 1.50

It must be remembered that the prices quoted are those of the beginning of the week. Prices declined steadily last week and those quoted above are about Saturday's level. The tendency has been downward ever since Thanksgiving, and the usual dullness which invariably precedes the holidays may be expected. After the 15th there will be another and more interesting chapter.

PLANT an adv. in the REVIEW and see your business grow.

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GALAX, Bronze or Green, $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75 "

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ORCHIDS CATTLEYA LABIATA and all other choice Orchids in season.

Everything in Cut Flowers—the best in the market

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ESTABLISHED 1872.

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Telephone No. 956 Madison Sq.

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Quick Returns to Shippers.

Highest Market Prices Guaranteed.

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Special conveniences for both Wholesalers and Retailers this season. None better in the country.

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OPEN FROM 6:00 A. M. TO 5:00 P. M.

Everything for the Florist in Seasonable Flowers all the year around.

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Always Mention the....

Florists' Review

When Writing Advertisers

Wholesale Cut Flower Prices.

Buffalo, Dec. 9.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	5.00 to 6.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	2.00 to 4.00
Carnot	2.00 to 10.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Liberty	3.00 to 12.00
Meteor	2.00 to 10.00
Mrs. Morgan	2.00 to 6.00
Perle	2.00 to 6.00
Sunrise	2.00 to 5.00
Orchids—Cattleyas	40.00 to 50.00
" Cypripediums	15.00 to 20.00
Carnations, Common	1.00 to 1.25
" Selects	2.00 to 3.00
" Fancies	4.00 to 5.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	.50 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	10.00 to 15.00
Chrysanthemums, Ordinary	3.00 to 10.00
" Fancy	12.50 to 20.00
Hyacinths, Roman	3.00 to 4.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Poinsettias	50.00 to 100.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.25
Sweet Peas	.50 to 1.00
Violets, ordinary	.60 to .75
" extra	1.00 to 1.25

Boston, Dec. 9.

	Per 100.
Beauties, Specials	$50.00
" Extra	35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 12.00
Brides and Bridesmaids, Specials	10.00
" " Extra	8.00
" " No. 1	6.00
" " No. 2	2.00 to 4.00
Golden Gate	2.00 to 10.00
Liberty	4.00 to 16.00
Meteor	4.00 to 12.00
Mrs. Morgan	2.00 to 8.00
Carnations, Common	2.00
" Selects	3.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	.50 to 1.00
Asparagus plumosus, Strings	50.00
" " Sprays	1.00 to 2.00
" Sprengeri, Sprays	1.00 to 4.00
Bouvardia	2.00 to 6.00
Callas	8.00 to 12.00
Chrysanthemums, ordinary	4.00 to 8.00
" Fancy	12.00 to 16.00
Hyacinths, Roman	3.00
Lilium Harrisii	12.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
Pansies	1.00
Smilax	12.00
Violets, Ordinary	.75 to 1.00

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128 N. 6th Street,

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Wholesale Cut Flowers and Supplies.

WILD SMILAX—Flowers billed at market prices.

Shippers of Choice Cut Flowers and Greens of all kinds. Try us.

HOLTON & HUNKEL CO.

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TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

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TRAENDLY & SCHENCK,

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Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED.

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Hicks & Crawbuck,

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A complete assortment of the best in the market can always be relied upon.

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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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Wholesale Cut Flower Prices.

Chicago, Dec. 9

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts	1.00

	Per 100
Bridesmaids, Specials	$6.00 to $8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	8.00 to 12.00
" Seconds	5.00 to 7.00
Carnot, Firsts	6.00 to 12.00
" Seconds	4.00 to 5.00
Ivory, Firsts	5.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	6.00 to 10.00
" Seconds	3.00 to 5.00
Perles, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Carnations, Fancy	4.00 to 5.00
" Commons	2.00 to 3.00
Violets	1.25 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Easter lilies, $2 00 doz.	
Callas, $1.50 per doz.	
Valley	3.00 to 4.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $1.50 per doz.	
Common ferns, per 1000, $2.00.	
Galax Leaves, $1.00 to $1.50 per 1000	

Baltimore, Dec. 9.

	Per 100
Am. Beauty	$15.00 to $25.00
" " Shorts	4.00 to 6.00
Bride and Bridesmaid	3.00 to 6.00
Golden Gate	3.00 to 6.00
Kaiserin	3.00 to 6.00
Liberty	3.00 to 6.00
Meteor	3.00 to 8.00
Perle	3.00 to 6.00
Carnations, Commons,	1.50 to 2.00
" Selects	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus plumosus, Sprays	2.00
" Sprengeri, Sprays	2.00
Callas	6.00 to 8.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00 to 20.00
Violets	.50

PLANTS all sold. The REVIEW does the business.—KRING BROS., Fairbury, Ill.

IF YOUR stock and prices are right you can find a purchaser through the columns of the REVIEW.

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Wholesale Growers of
LILIES a Specialty **Cut Flowers**
Can supply every day in the year.
Largest growers of Smilax and Asparagus in America.
JAMESTOWN, - N. Y.
Mention the Review when you write.

Lily of the Valley
H. N. BRUNS,
1409 W. Madison St., CHICAGO.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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Write for special quotations on large orders.
Mention Review when you write.

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FLORAL COMPANY,
58–60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

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GREENHOUSE, ROGERS PARK, ILL.
Telephone Central 3598.
Mention Review when you write.

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Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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Special attention given to Hardy Cut FERNS.
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Telephone Central 3284.
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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59 WABASH AVE. CUT FLOWERS CHICAGO

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention the Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.
Mention Review when you write.

BENTHEY & CO.
35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Consignments Solicited.
Wholesale and Commission FLORISTS
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Write for Free Sample

BOX = WOOD SPRAYS

$15.00 100 lbs.

Pittsburg Cut Flower Co. Ltd.

Wholesale Florists

504 Liberty Ave., PITTSBURG, P.A.

Roses, Valley, Beauties, Carnations.

Mention Review when you write.

MICHIGAN CUT FLOWER EXCHANGE. WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Send for Weekly Price List.

1,000,000 FANCY FERNS, $1.00 per 1000. 200,000 Bronze GALAX, $1.00 per 1000 in 5000 lots; $9.00 per case of 10,000.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Pittsburg, Dec. 9.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	25.00 to 35.00
" No. 1	12.00 to 20.00
" Shorts	4.00 to 8.00
Brides and Maids, Specials	10.00
" " " Extra	8.00
" " " No. 1	3.00 to 5.00
" " " No. 2	2.00
Cusin	4.00 to 8.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 12.00
Meteor	4.00 to 8.00
Perle	2.00 to 6.00
Carnations, Common	1.00 to 4.00
" Selects	2.00 to 3.00
" Fancy	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	30.00 to 50.00
" Sprengeri, Sprays	2.00 to 4.00
Callas	6.00 to 10.00
Chrysanthemums, ordinary	4.00 to 8.00
" fancy	12.00 to 20.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12.00 to 15.00
" Longiflorum	12.00 to 15.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	3.00
" fancy	4.00
Narcissus, Paper White	3.00 to 4.00
Pansies	1.50 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Violets, ordinary	.50 to .75
extra	1.00 to 2.00

Detroit, Dec. 9.

	Per 100
Beauties, Specials	$35.00
" Extra	30.00
" No. 1	25.00
" Shorts	10.00 to 20.00
Brides and Maids, Specials	8.00
" " " Extra	7.00
" " " No. 1	6.00
" " " No. 2	5.00
Cusin	5.00 to 8.00
Golden Gate	5.00 to 8.00
Kaiserin	5.00 to 10.00
Meteors	5.00 to 10.00
Perle	5.00 to 8.00
Cattleyas	50.00
Cypripediums	25.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	1.50
Asparagus plumosus, Strings	40.00 to 75.00
" Sprengeri	2.00 to 6.00
Callas	12.50 to 15.00
Lilium Harrisii	per doz. 2.00
Lily of the Valley	5.00 to 6.00
Poinsettias	20.00 to 25.00
Smilax	12.50 to 15.00
Violets	1.00
" extra	1.50
Galax	.15
Common Ferns	.15

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

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Grower and Commission Dealer in.....

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Telephone Main 980.

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J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Mention Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Dec. 9.

	Per dozen
Beauties, Specials	$5.00 to $6.00
" Extra	3.00 to 4.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	.75 to 1.00
Carnot	8.00 to 10.00
Golden Gate	5.00 to 6.00
Kaiserin	5.00 to 8.00
Liberty	4.00 to 8.00
Meteor	3.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Commons	2.50 to 3.00
" Selects	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Bouvardia	2.00 to 3.00
Callas	12.50 to 15.00
Chrysanthemums, ordinary	8.00 to 10.00
Hyacinths, Roman	2.00 to 4.00
Lily of the Valley	4.00 to 5.00
Narcissus	3.00 to 4.00
Poinsettias	15.00 to 25.00
Smilax	12.50 to 15.00
Violets, ordinary	.50 to .60
extra	.75 to 1.00

Cincinnati, Dec. 9.

	Per 100
Beauties, Specials	$45.00
" Extra	$35.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 10.00
Brides and Maids, Specials	6.00
" " Extra	4.00 to 5.00
" " No. 1	3.00
Cusin	2.00 to 6.00
Golden Gates	3.00 to 6.00
Liberty	3.00 to 12.00
Meteor	3.00 to 8.00
Perle	2.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Commons	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	8.00 to 12.50
Chrysanthemums, ordinary	8.00 to 12.50
" fancy	15.00 to 25.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	.50
extra	2.00

FRANK M. ELLIS, WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF....SELECT VALLEY and AMERICAN BEAUTIES

Write us when in need of CHOICE STOCK. A complete line of FLORISTS' SUPPLIES.

Mention Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

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Shibeley The Florist,
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Fill all orders for Florists at current prices less the usual discount. : : : :

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or any place between
SALTFORD
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Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

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1224 F Street, Northwest,
Washington, - D. C.

The J. M. Gasser Company,
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Orders for
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WILL BE FILLED BY
Century Flower Shop,
112 South 12th Street.
H. H. BATTLES, Proprietor.

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4326-28 Olive Street, St. Louis, Mo.
ESTABLISHED 1873.
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Clarke Bros.
PORTLAND, ORE.

Just before Christmas

You will sell lots of **CYPS.** (when other flowers are scarce), by showing them in **OUR TINY BOHEMIAN GLASS VASE,** it looks like **Oxidized Silver** and will appeal to your best customers. You will sell many plants now. You will sell more plants and at better prices by

Dressing the pots with our CREPE PAPER. This is no ordinary paper but a NEW CREATION OF OUR OWN, in colors chosen to harmonize with all the popular foliage and flowering plants. Once used you will want no other.

WISHING YOU A PROSPEROUS CHRISTMAS

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America. 50, 52, 54 and 56 North Fourth St., **Philadelphia.**

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IF, ON

every bunch of roses your ribbon is superior in quality to your competitors', have you not gained an advantage? IF you pay for your ribbons less than your competitor, is not this another advantage?

IF you buy the RIGHT RIBBONS you reap these advantages—first, because RIGHT RIBBONS means manufactured right—right weaves, qualities, colors.

Again, RIGHT RIBBONS cost you less, for "you save all between profits" when you buy from

The Pine Tree Silk Mills Company
Philadelphia

Discerning florists throughout the country buy the Right Ribbons in these qualities.

MONARCH—Satin Taffeta—**CLIMAX.**
CONQUEROR—Metallique Taffeta—**CYCLONE.**

All Wanted Widths.

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(CONTINUED.)

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,
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Send for my Floral Album, size 12x11, containing 24 different funeral designs Sent to any part of the country by express, $7.00 c. o. d.
226-226½ Bowery, NEW YORK.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

Work of Committees.

Chicago, November 28.—Miss Helen Frick, pink, shown by Nathan Smith & Son, Adrian, Mich., scored 87 points commercial scale.

Cincinnati, November 28.—No. 2-16-01, bright deep pink, incurved Japanese, shown by Nathan Smith & Son, Adrian, Mich., scored 83 points commercial scale.

FRED H. LEMON, Sec'y.

Valuable Records.

Several notes appeared in the trade papers shortly after the New York chrysanthemum show, referring to the gift of Elmer D. Smith, of Adrian, Mich., to the chrysanthemum society of America. As was stated at that time this gift consists of a list of all the varieties of chrysanthemums introduced in America since the early 80's. These records have now become the property of the C. S. A. and are in the hands of the secretary. The care with which the records have been compiled, the earnest and painstaking effort which has been made to cover the ground thoroughly, and the eminently practical and convenient manner in which the records are gotten up, call for the highest commendation from all lovers of the chrysanthemum throughout America.

A brief explanation of the system followed, may be of interest. The well known card index system is used. White cards designate varieties raised in America, blue cards imported varieties, and synonyms are placed on yellow cards. The name of the variety is given, followed by the name of the introducer, and the raiser, when possible. The year it was sent out in the United States and the description complete the card. Each year the secretary will add cards covering all the introductions of the year, thus keeping the records up to date. When the report of the convention, held in New York November 10, is published, a copy of this list will be included and will become the property of each member of the C. S. A.

FRED H. LEMON, Sec'y.

THE Mount Greenwood Cemetery Association sends to lot owners a neatly printed circular suggesting the appropriateness of placing holly wreaths on graves at Christmas. An order blank is enclosed and the prices quoted are those at which holly wreaths are ordinarily sold in Chicago.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 23d annual meeting will be held at St. Louis Mo., June, 1904.

VISITED PHILADELPHIA: W. J. Fosgate, Santa Clara, Cal., en route home.

VISITED ST. LOUIS.—A. D. Warren, representing Wood, Stubbs & Co., Louisville, Ky.

SEEDSMEN usually are not backward in quoting prices. If they feel diffident about doing so at this time there are reasons for it.

IT is stated that a coming seed novelty was "grown on the plains of Abraham, and watered with Job's tears." It should be a winner.

SHIPMENTS of beans on contract orders are unusually delayed this year, owing to the difficulty of getting them threshed out in many localities.

THIS year there seems to be considerable anxiety lest farmers who grow sweet corn and other crops on contract deliver to the wrong parties.

CHICAGO.—Judging from the quantity of Christmas trees, etc., in and about their warehouses, all tagged for shipment, W. W. Barnard & Co. must be having a splendid Christmas trade.

VISITED CHICAGO: W. J. Fosgate, of Santa Clara, Cal.; Arthur G. Lee, of Arthur G. Lee & Bro., Fort Smith, Ark.; H. M. Clair, representing the Planet Jr., goods, Philadelphia; C. Reno Root, Denver, manager for F. Barteldes & Co.

BOUQUET green is arriving from the woods in much less than the usual quantities, but probably enough for orders at prevailing prices, $7.50 to $9 per 10 pounds in the Chicago market. Holly is coming fast and of good average quality.

SOME sweet corn is changing hands throughout the east at $7.50 and upward per bushel. Many dealers having thought early prices too high, have not yet purchased, and canners are largely short of supplies. Very little corn matured for seed in this section.

THE sweet corn values named in this column three weeks ago continue to prevail and the outlook points to even higher prices. The feeling in the east is easier than in the west, but as the returns from plantings in the west, where the main part of the crop usually comes from, are so far below what they should be, nothing can well prevent extremely high prices.

PHILADELPHIA.—The recent cold snap which extended as far south as middle Florida, has brought many rush orders from that state, beans and tomato seed being in particular demand. Nearly every mail brings inquiries for cucumber, melon and wax beans. Judging from the inquiries the standard green pod beans are quite as scarce as the wax sorts. There will evidently be an unprecedented demand the coming season for tomato and cucumber seed. As an evidence of how eagerly these seeds are sought by the local seedsmen, a small New Jersey farmer recently wrote five houses here on the same day offering about fifty pounds each tomato and White Spine cucumber seed at $1 per pound and received five telegrams all within forty-five minutes for the seed. One of the younger houses secured the prize, being first to land their telegram. Certain western seed growers are out with offers of cucumber and squash seeds at about 500 per cent above contract prices, seed which they state they "secured from parties who grow on their own account." As these are offered in lots ranging from 350 to 1,000 pounds each, comment is unnecessary.

ARTHUR G. LEE, of Fort Smith, Ark., reports the outlook for seed business in the south and southwest as being first rate. It is expected that onion sets will be in good demand after the first of the year. The slump in price after purchases had been made last season has had a tendency to keep dealers from ordering any sets in advance this year. The seed business in Arkansas is growing and the opportunities for branching out are of the best.

DUMMY INQUIRIES.

We are in receipt of the following letter from one of the best known eastern seed houses:

This is the season when the seedsmao who wants to know the prices at which his neighbors are purposing to catalogue seeds is sending out his dummy lists. The past week we have received two in familiar handwriting, one purporting to come from Samuel Allen, Lansing, Mich., and the other from H. A. Merrill, of Saginaw, Mich. Both of these parties are expecting to go largely into trucking the coming season, and they are hoping to sell some seeds to their neighboring truckers. They apologize for wanting prices so early, but they do not want to be delayed in their spring planting. They promise orders by the last of November. Following this is a list of nearly everything in the catalogue, ranging in quantity from a quarter of a pound to three pounds. Allen signs himself, "Answer quickly, yours for business." Merrill signs himself, "Now, if you want my order hurry up and quote me low prices quick and maybe I can give you the order. Yours for great big crops," etc.

We are making some little inquiry to find out what seedsmen these parties are clerks for and when we get the information we will write again. JOHNSON & STOKES.

SURPLUS BULBS.

SINGLE HYACINTHS for Bedding or Forcing, Light Blue, Pink and Pure White, $2 75 per 100; $23.00 per 1000.
NARCISSUS TRUMPET MAJOR ..... $7.50 per 1000
NARCISSUS VON SION, good forcing grade ..... 12 00 "
ROMAN HYACINTHS, 12 to 15 cms. ..... 25.00 "
CALLA ETHIOPICA, 5½ to 7-inch circumference ..... 8.00 per 100
HARRISII LILY, 5 to 7-inch ..... 3 50 "
PARROT TULIPS, beat mixture ..... 7.00 per 1000
CHINESE NARCISSUS.....per basket, 30 bulbs, $1.25
Per bale, 4 baskets (120 bulbs)..... 4.25

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

Burpee's Seeds Grow

SEEDS THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, Ensilage Corn, Pop Corn, Buckwheat, Beans, Peas, Etc.
COTTON GRAIN BAGS. CHICAGO ILL.

ESTABLISHED 1802.

Thorburn's Bulbs

Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.

LILY OF THE VALLEY PIPS
LILIUM AURATUM
Spiraeas, Roman Hyacinths, Etc.

Just arrived new crop seed of
ASPARAGUS PLUMOSUS ROBUSTUS
Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.
$1.00 per 100 seeds; $9.00 per 1000 seeds.

J. M. THORBURN & CO.
36 Cortlandt St., NEW YORK.
Mention the Review when you write

BULBS FOR FORCING and BEDDING.
BEST GRADES ONLY.
Write for special prices.
W. C. BECKERT, - ALLEGHENY, PA.
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RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

Office of

RALPH M. WARD & CO.

Importers and Exporters of

HORTICULTURAL PRODUCTS.

17 Battery Place, New York.

Correspondence Solicited.

Remember
That Nephrolepis Scottii

Is the COMING FERN, and before long will take its rightful place at the HEAD of the PROCESSION. Write for PRICE LIST. Orders filled in rotation commencing June 1st, 1904.

FOR IMMEDIATE DELIVERY

PIERSONI, 8-in. pans, in splendid condition, $15.00 per doz.; 5-in., $35.00 per 100.

ANNA FOSTER, 6-in., extra bushy, $30 per 100.

BOSTON, 6-in., very bushy, $50.00 per 100.

JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

PITTSBURG.

The Market.

Trade for last week was very good and the outlook for its continuance for the remainder of December is very encouraging. Debutantes filled the social calendar of last week; the demand for novelties in choice cut flowers and other good stock for debutante bunches was quite heavy. The present supply and demand of this market is about equal, except on white carnations, which are scarce and not nearly enough to supply the demand. Chrysanthemums are still about, mostly the ordinary kinds, but they sell at fair prices. The supply of Beauties has shortened up considerably. The ones received are of extra fine quality and touch $5 per dozen. The best quality of Maids and Brides are scarce, the minor grades very plentiful.

This is a poor valley market; the demand is very spasmodic and for that reason I judge none of our growers force them in any great amount. However, more valley is being used here every year and the increasing demand should induce some one, locally, to supply the market throughout the season.

Various Notes.

T. M. Ulam & Co. had the decoration for the Crucible Club dinner to Gen. Miles.

The scarcity of bouquet green is stimulating the demand for boxwood sprays and laurel wreathing.

On Monday the Pittsburg Cut Flower Co. received a car load of wild smilax, which came to them by express. Mr. Clarke reports the demand for it steadily on the increase, for it is being used more and more by the country trade.

At John Bader's plant and greenhouse everyone is busy preparing stock for shipment for the holiday trade. Mr. Bader has a fine collection of Christmas plants, ferns and palms.

C. T. Siebert had the decoration for the Mellon reception. Ernest Zieger supervised the work.

T. P. Langhans is confined to his home with an attack of the grip.

The demand for Christmas decorative material is very good. Red immortelle bells and moss wreaths are again a feature this season.

The last meeting of the Florists' Club was not very well attended, but the display of decorative plants and material was elaborate and good. Plants and material did double service, as they were exhibited at the botanical meeting on Thursday night following the Florists' Club meeting. Hoo-Hoo.

TROY, N. Y.

Fire Destroys Greenhouses.

John Pickering, proprietor of the Willow Bank Greenhouses, situated on Tibbits avenue, in Brunswick, just east of the city line, sustained a severe loss by fire December 1. The fire originated about 3 o'clock in the roof of a workshop connected with the greenhouses and was caused by a defective flue. The fire quickly spread over the workshop and made its way to a connecting house leading to the greenhouses. The shop, which was a wooden structure, afforded fine material for the flames, and the connecting houses and the greenhouses fell victims to the heat and flames. But three of the seven large houses were saved.

The residents of the vicinity provided as much assistance as possible, and members of the Syeaway fire company worked hard to counteract the flames. This was the only protection there was at hand. While the fire was kept from three of the buildings, this was no source of protection to the stock, as the entire stock was practically destroyed. Mr. Pickering said that his loss was between $4,000 and $6,000. The insurance amounted to only $600, and this was on his tools.

THE AMERICAN

CARNATION

HOW TO GROW IT. FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages finely printed. It should be in the hands or every grower.

Sent carriage paid on receipt of $3.50.

Florists' Publishing Company, Caxton Bldg , Chicago.

La DETROIT

The New Breitmeyer Rose

(Christened with appropriate ceremonies at the Hotel Cadillac, Detroit, December 5, 1903.)

A SEEDLING OF TESTOUT AND BRIDESMAID.

TO BE DISSEMINATED APRIL, 1904.

COLOR.

Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent.

The full, open flower discloses a vivid richness of coloring, rare and fascinating.

FRAGRANCE.

Subtle, strongly tea-scented; reminds one of Old Bon Silene.

FORM.

Large cup-shaped, heavy petal, shell-like in formation.

GROWTH.

Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific.

All orders booked filled in rotation beginning April 1.

For "own rooted" plants from 2½-inch pots:

1 Plant, each,	$0 75
12 Plants, each,	60
25 Plants, each,	50
50 Plants and over and less than 100, each,	30
100 Plants and over and less than 1000, each,	25
1000 Plants and over, each,	20

3-inch pot plants, 5 cents each additional.

SELLING AGENTS

E. G. Asmus & Son, West Hoboken, N. J.
S. S. Skidelsky, 708 North 16th St., Philadelphia
A. Rolker & Sons, 31 Barclay St., New York
J. Austin Shaw, 201 West 135th St., New York
Vaughan's Seed Store, 84 Randolph St., Chicago
Clucas & Boddington Co., 812 Greenwich St., New York
Michigan Cut Flower Exchange, 26 Miami Ave., Detroit

Prices of grafted stock given on application.

JOHN BREITMEYER'S SONS,

Gratiot and Miami Aves., **DETROIT, MICH.**

PACIFIC COAST.

PLANT NOTES.

Two Worthy Natives.

Among the most beautiful of our native flowering plants is the California azalea. It is a wonder that more of them are not used by our landscape gardeners. During the latter part of May and during June and July our mountainous country from Oregon on the north to southern California on the south, especially along the banks of mountain streams, is covered for miles with the bushes, the rich green foliage of which is often obscured from view by the magnificent clusters of white and yellow, or sometimes pinkish, flowers. The shrubs grow from two to ten feet high and flowers and leaves cluster at the ends of the branches, as is the case with all the azalea family.

They are very easily handled in the winter season. Last year I transplanted about two dozen of them from the Santa Cruz mountains and planted them in the neighborhood of San Francisco. They commenced to bloom early in June and during that month and through July they were the wonder and admiration of the neighborhood.

Farther north we have the California rose bay, Rhododendron Californicum, also a gorgeous native flower. Unlike the azalea, to which it is closely related, it inhabits the higher lands and is often found on bleak mountain sides. It is also an evergreen and grows from three to fifteen feet in height. The leaves are from six to eight inches long, resembling, somewhat, those of the Magnolia grandiflora. The flowers are rosy pink in color and are borne in very large clusters.

To see a mountain side covered with this gorgeous mass of flowers is a sight never to be forgotten, and I doubt if it can be rivaled anywhere else in America. I do not find them quite so easy to transplant as the azaleas, but they are such a grand shrub that it is well worth the trouble to try to use them as a garden flower. These azaleas and rhododendrons are not fragrant, but they have the odor of the woods around the flowers and foliage that is very suggestive of our beautiful California mountains. G.

SAN FRANCISCO.

The Market.

Although it is now the first week in December we have had no cold weather yet. The temperature has been from 55 to 60 degrees during our long nights for the past week. We have had considerable fog and roses have not been very plentiful, but carnations can be had in any quantity, although the prices are gradually climbing. Fancy Lawson and Prosperity are selling wholesale at from 60 to 75 cents per dozen, Cressbrook and Estelle at 50 cents, Crocker and other varieties a shade cheaper and Portia and Scott at 25 cents per dozen. American Beauty can be had at from $2 to $3 per dozen and short-stemmed cheaper. Bride, Maid, Testout, Kaiserin and Liberty are selling at about 75 cents, although some fine stock brings $1 and short and weak-stemmed about half that price. Business, outside of funeral work, has been very quiet since Thanksgiving. The funeral of Samuel Rainey a week ago was a big occasion for many of our florists. There were countless designs and some of them were very elaborate. The Shanahan Floral Co., F. Shibeley, Sievers & Boland, Podesta & Baldocchi, F. Pelicano and Thomas H. Stevenson had the bulk of the orders.

Violets do not seem to be as plentiful as we expected after so much rain as we have had and I cannot account for their scarcity. They still wholesale for $1 per dozen bunches, which is about twice their usual price at this time of the year. Mums are not quite so plentiful, but they are still of fair quality. Some very fine outdoor grown Bonnaffons and several late white sorts are in good supply. Smilax is very plentiful but maiden-hair fern seems to be in rather short supply at present. Wild ferns and red berries are used in large quantities for decorating in the store windows and everything except the weather makes one think of Christmas.

Various Notes.

A. Mann, Jr., has just received a large consignment of Christmas goods. The fact that his brother is out of town at present makes him doubly busy.

Domoto Bros., of Elmhurst, have completed their preparations of installing their eighty horse-power boiler.

The Frank & Parodi Co. has the finest show of flowers in their vicinity. They report business very good.

Sievers & Co. have a splendid show of carnations at their nurseries, and, judging by appearances, they will have an extra big holiday crop. G.

Oceanside, Cal.—F. P. Hosp, who is gardener for the railroad, has a carnation garden as an individual enterprise, from which he is shipping about 1,000 carnation blooms a day to Los Angeles dealers, where they bring about $1 per hundred.

Your paper does the work, all right.—J. C. Schmidt, Bristol, Pa.

500,000 Rooted Carnation Cuttings Now Ready.

TRANSPLANTED AT SAME PRICE.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$8.00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30 00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	6.00	50.00	225 00
White Cloud	1.00	9.00	35.00
Pink.			
Lawson	$1 40	$12.50	$60.00
Marquis	1 00	9.00	35 00
Genevieve Lord	1.00	9.00	35.00
Argyle	1 00	9 00	35 00
Mrs. Joost	1.20	10 00	40.00
Mermald	1.20	10.00	40 00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.00	20.00	90 00
Cressbrook	2 50	20.00	90.00
Mrs. Roosevelt	6 00	55.00	250.00
Enchantress	6.00	55 00	250 00
Success	4 00	35 00	150.00
McKinley	6.00	55 00	2.0 00
Triumph	1 20	1 .00	50.00
Wm. Scott	1 20	11.00	50.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10 00	40 00
Estelle	1 50	14.00	65 00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Adonis	7.00	65.00	300.00
Crimson.			
Harlowarden	$5.00	$45.00	$200.00
Gov. Roosevelt	1.20	11.00	50.00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14.00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450 00
Marshall Field	5.00	45 00	200 00
Tiger (Fancy)	5.00	45.00	200.00
Stella	3.00	25.00	100.00
Bradt	1.75	15.00	70.00
Armazindy	1.00	9.00	35.00

2500 at 5000 rate.

Unrooted Cuttings at half price.

TERMS:—Spot Cash. No discount given, no matter how large the order. We prepay express charges at above figures to your city. If on arrival they are not satisfactory return at once and money will be returned at once: we cannot vary from these terms.

California Carnation Co., Lock Box 103. **Loomis, Cal.**

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1 20	$10.00	$ 40 00
Flora Hill	1 20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30 00	125 00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25 00	100.00
Pink			
Mrs. Thomas Lawson	1.40	12 50	60 00
Mrs. Joost	1 20	10 00	40 00
Mermald	1.20	10.00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5.00	45 00	200.00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10.00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65.00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45.00	200.00
Gov. Roosevelt	1.20	11.00	50.00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45 00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Gaiety	3.00	25.00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

CASH WITH ORDER.

We prepay express charges and guarantee satisfaction. We have as fine rooted cuttings as were ever grown. If our cuttings are not satisfactory return at once and your money will be refunded.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Q. Louise	$1 20	$10.00	Mrs. Hig'bo'm	1.30	$12.00
Flora Hill	1.20	10 00	Mrs. P. Palm'r	1 30	12 00
Mrs T. Laws'n	1 40	11.00	Eldorado	1.20	10.00
Mermald	1.00	10.00	Prosperity	1.40	12 50

Unrooted cuttings half price. Cash with order. Express paid.

THE KNOLL NURSERIES, Penryn, Cal.

Our stock of Decorative Plants is in fine condition. All are clean vigorons, h althy Plants of good color, which will sell on sight, and we are certain will please you : : : : : : : :

DREER'S

SPECIAL OFFER OF
Decorative Plants
FOR THE HOLIDAYS

PALMS

Areca Lutescens.

			Per doz.	Per 100
3-inch pots	2 plants in a pot	12 to 15 inches high	$1.25	$10.00
4-inch "	3 " " "	15 to 18 " "	3.00	20.00
5-inch "	3 " " "	18 to 24 " "	5.00	40.00
6-inch "	3 " " "	30 " "	1.00	each.
7-inch "	3 " " "	36 " "	1.50	"
8-inch "	3 " " "	36 to 42 " "	2.50	"
10-inch "	3 " " "	48 to 54 " "	10.00	"

Cocos Weddeliana.

A fine lot of 3-inch pot plants, just right for Fern Dishes or for small Jardinieres, 10 to 12 inches high—$2.00 per dozen, $15.00 per 100.

Cocos Flexuosus.

One of the finest Palms grown for decorating; tall, slender and graceful. We offer a limited number of 9 inch pots and tubs, with 3 to 4 leaves, 7 to 8 feet high; just the right plant for decorating, $7.50 each.

Latania Borbonica.

			Per doz.	Per 100
4-inch pots	5 to 6 leaves	15 inches high	$2.50	$20.00
6-inch "	6 to 7 "	18 to 20 " "	6.00	50.00

Phoenix Canariensis.

A nice lot of plants in light wood tubs, about 4 feet high, $5.00 each. These are an exceptionally fine lot of plants.

Kentia Belmoreana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
5-inch "	5 to 6 "	20 to 24 " "	9.00	70.00
6 inch "	6 to 7 "	20 to 24 " "	1.00	each.
6-inch "	6 to 7 "	28 to 30 " "	1.25	"
6-inch pots	6 to 7 leaves	30 to 36 inches high	1.50	each.
7-inch "	6 to 7 "	36 to 38 " "	2.00	"
8-inch "	6 to 7 "	38 to 40 " "	2.50	"

Kentia Forsteriana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
4-inch "	5 to 6 "	15 to 18 " "	4.50	35.00
6-inch "	6 "	28 to 30 " "	1.00	each.
6-inch "	6 "	30 to 32 " "	1.25	"
6-inch "	6 to 7 "	32 to 36 " "	1.50	"
7-inch "	6 to 7 "	36 to 40 " "	2.00	"
8-inch "	6 to 7 "	42 to 45 " "	2.50	"
8-inch "	6 to 7 "	45 " "	3.00	"
8-inch "	6 to 7 "	4 feet "	4.00	"
8-inch "	6 to 7 "	4½ " "	5.00	"
9-inch "	6 to 7 "	5½ " "	6.00	"
10-inch "	6 to 7 "	6 " "	7.50	"
10-inch "	6 to 7 "	heavy 6 " "	10.00	"
12-inch tubs	6 to 7 "	6 to 7 " "	20.00	"
12-inch "	6 to 7 "	7 to 8 " "	25.00	"

The largest sizes of Kentia Forsteriana, from $5.00 up, are among the best values in this line of stock that we have ever offered. They are excellent, either for retailing or for decorating.

Made-up Kentia Forsteriana.

5-inch pots,	4 plants in a pot	each, $0.60
12-inch "	3 to 4 plants in a pot, 5½ to 6 feet high	" 12.50
10-inch tubs,	3 plants in a tub, 6 to 6½ feet high	" 15.00
12-inch "	3 " " " 7 feet high	" 20.00

Kentia Sanderiana.

As a plant for table decoration, we know no other Palm so graceful and hardy as this pretty Kentia.

4-inch pots,	18 inches high, 1 plant in a pot	each, $1.00
4-inch "	16 to 18 inches high, 3 plants in a pot	" 1.25

Phoenix Rupicola.

6-inch pots, 24 inches high.....each, $1.50

MISCELLANEOUS DECORATIVE PLANTS.

Araucaria Excelsa.

4-inch pots	6 inches high	2 tiers	each, $0.30
4-inch "	10 " "	3 "	" .40
6-inch "	14 to 16 " "	3 to 4 "	" .75
6-inch "	16 to 18 " "	4 to 5 "	" 1.00
6-inch "	18 to 20 " "	4 to 5 "	" 1.25
7-inch "	22 to 24 " "	4 to 5 "	" 1.50

The sizes offered at $1.00, $1.25 and $1.50 each are the best values we have ever sent out in this popular Christmas plant.

Araucaria Excelsa Glauca.

6-inch pots, 3 tiers, 15 inches high.....each, $1.25
7-inch " 4 " 18 " " " 1.50

Aspidistra Lurida.

A nice lot of 5-inch pots of the green-leaved variety; strong plants, with 5 to 6 leaves, 50 cents each, $5.00 per dozen.

Asparagus Plumosus Nanus.

3-inch pots, 75 cents per dozen; $6.00 per 100; $50.00 per 1000; 5-inch pots, $2.00 per dozen; $15.00 per 100.

Aucuba Japonica.

A most useful and cheap plant for winter decoration; fine for dark hallways and similar positions where Palms will not succeed.

Bushy plants,	15 to 18 inches high	30 cents each;	per dozen,	$3.00
" "	20 to 24 " "	40 " "	" "	4.50
" "	24 to 28 " "	60 " "	" "	7.00

Pyramid-Shaped Box.

A lot of nice shapely specimens 3 feet high, 16 to 18 inches in diameter, $2.00 each.

Standard or Tree-Shaped Box.

Stems about 20 ins. high, crowns 16 to 18 in. in diameter, $1.25 each.

Dwarf Bushy Box.

A lot of bushy plants about 12 inches high, suitable for use in window boxes, $2.50 per dozen, $20.00 per 100.

Bay Trees, Standard or Tree Shaped.

			Each.
Stems 42 to 45 inches high,	crowns 24 to 26 inches in diameter		$ 6.00
" 42 to 45 " " "	26 to 28 " "		7.50
" 45 " " "	30 to 32 " "		10.00
" 45 " " "	34 to 36 " "		12.50
" 45 " " "	40 to 42 " "		15.00

Bay Trees, Pyramidal Shaped.

			Each.
4½ feet high,	24 to 26 inches in diameter		$ 6.00
5 " "	26 to 28 " "		7.50
6 " "	30 to 32 " "		10.00
6 to 7 " "	36 " "		15.00
6 to 7 " "	42 " "		20.00

Dracaena Sanderiana.

A nice lot of 2¼-inch pots suitable for centers of Fern Dishes, $2.00 per dozen, $15.00 per 100.

Ficus Elastica.

A nice lot of 6-inch pot plants about 20 inches high: $6.00 per dozen.

Ferns in Choice Mixture for Fern Dishes.

2¼-inch pots, $3.00 per 100; $25.00 per 1000; 3-inch pots; $6.00 per 100; $50.00 per 1000.

Adiantum Cuneatum.

An extra nice lot of plants suitable for cutting or retailing; 4-inch pots, $1.50 per doz., $12.00 per 100; 6-in. pots, $3.50 per doz., $25.00 per 100.

Ferns, Special Varieties.

For a full line of Ferns of all the popular varieties, see our current wholesale list.

Pandanus Veitchii.

A fine lot of 6-inch pot plants, $1.00 each.

Pandanus Utilis.

3-inch pots, $1.25 per dozen, $10.00 per 100; 4-inch pots, $2.50 per dozen, $20.00 per 100.

New Golden Pandanus—"Pandanus Sanderi."

The larger sizes, 6-inch pots up, are all fine specimens; just the right thing for a Christmas novelty. They will appeal to your customers and meet with ready sales.

Good strong plants, in	3-inch pots	each,	$0.75
" " " in	4-inch "	"	1.00
Fine specimen plants in	6-inch "	"	2.00
" " " in	7-inch "	"	3.50
Beautiful specimen plants in	8-inch pots	"	7.50
" " " in	10-inch "	"	10.00
" " " in	12-inch "	"	15.00
" " " in	15-inch tubs	"	25.00

PLANTS FOR FORCING.

Azaleas for Easter Forcing.—Orders for Azaleas received on or before December 24th will be executed at import prices. After this date spring prices will take effect. 10 to 12-inch crowns, $4.50 per dozen, $35.00 per 100; 12 to 14-inch crowns, $6.00 per dozen, $45.00 per 100; 14 to 16-inch crowns, $7.50 per dozen, $55.00 per 100.

Although Mme. Van der Cruyssen continues very scarce, we are in position to include 25 per cent. in the 10 to 12-inch and 12 to 14-inch sizes, and 15 per cent. in the 14 to 16-inch size.

Hardy Azalea Mollis, for Forcing Early.—Azalea Mollis is gaining more favor every season. It can be forced into flower quickly at a trifling cost of heat and labor. Its colors are most pleasing and the first cost of the plants very low. We are supplying at present an unusually fine lot of well budded bushy plants, 15 to 18 inches high, $4.50 per dozen, $35.00 per 100.

Deutzias, for Forcing.—Strong two-year-old, field-grown plants, suitable for 6 and 7-inch pots. Gracilis, 75 cents per dozen $6.00 per 100; Gracilis Rosea, $1.00 per dozen, $8.00 per 100; Gracilis Lemoinei, $1.60 per dozen, $8.00 per 100.

Forcing Lilacs.—A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, $6.00 per dozen, $45.00 per 100.

Rhododendrons, for Forcing.—Rhododendrons are being used more extensively every year for forcing, and in anticipation of an increased demand we have this fall imported a large number of well-shaped, finely-budded plants of varieties especially suited for forcing, and we are in position to offer exceptional values in this line in plants covered with buds. 20 to 24 in. high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 in. high, $1.50 each, $15.00 per doz., $115.00 per 100.

HENRY A. DREER, Philadelphia, Penna.

MILWAUKEE.

The Market.

Trade for Thanksgiving was exceptionally good. There was no perceptible shortage in any line. Violets and carnations led the call and were cleaned up at good figures. There were more mums in the market than were anticipated and prices were unsteady. Plenty of choice blooms went at $1.50 per dozen and inferior grades went begging. Stevia came in quantity and sold well. This is a most popular flower during its season and comes in handy to fill in for any occasion. Some fine violets are in and find a ready market. The call for roses is about equal to demand.

Club Meeting.

A regular meeting of the Florists' Club was held last week. A new constitution and by-laws were adopted, calling for the election of officers annually the first Tuesday in December. The following officers were elected at this meeting: President, W. A. Kennedy; vice-president, F. H. Holton; secretary, H. V. Hunkel; treasurer, C. Dalwig; trustees, J. G. Heitman, F. P. Dilger, C. Zepnick. It was decided to secure the Exposition building for a flower show next fall and a premium list of $1,500 was approved. Doubtless much more will be raised for special prizes. Incog.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Vaughan's Seed Store, Western Springs, Ill., submits for registration the following new cannas: St. Louis (seedling 801), robust grower, five feet, three to five spikes, foliage dark bronze; flower crimson-scarlet; petals large, rounded, with glossy surface; dry flowers fall off promptly. Milwaukee (seedling 100), three and one-half feet; foliage green, leaves pointed; flowers rich, dark maroon, darker than Duke of Marborough.

Wm. J. Stewart, Sec'y.

I have dropped other papers in preference for the Review.—C. C. Wonnemann, Mexico, Mo.

Cyclamen giganteum, large flowered, $5.00 per 100. **Primroses, Chinese and Obconica,** extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus,** from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100. **Sprengeri,** from flats, ready for potting, $1.00 per 100; $5.00 per 1000. 4-inch, $6.00 per 100; 2¼-inch, $1.50 per 100; $12.50 per 1000.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention the Review when you write.

Rooted Carnation Cuttings.

McGowan ..... $1.25 per 100; $10.00 per 1000
Asparagus Sprengeri, 2½-inch, $2.00 per 100
White Lilac, 7 ft., $30.00 to $35.00 per 100. Cash

ROCKVILLE GREENHOUSES,
ROCKVILLE CENTRE, L. I., N. Y.

Mention The Review when you write.

.....PELARGONIUMS.....

ROOTED CUTTINGS.

15 varieties, all named, **$2.25** per 100, prepaid. Verbena rooted cuttings, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named all double, **$1.25** per 100; **$10.00** per 1000. Express prepaid on all rooted cuttings. Will have other cutings later.

Cash with order. Write
S. D. BRANT - - - CLAY CENTER, KAN.

Mention Review when you write.

Christmas Plants

NOW READY.

AZALEA INDICA Simon Mardner, Deutsche Perle and Vervaeneana, in bud and bloom 75c to $1.00 each.

Araucaria Excelsa Our Specialty.

These beautiful, highly favored ornamental plants were selected by myself while in Belgium this summer, and therefore I can give you good value for your money.

JUST LOOK AT OUR PRICES.

Araucaria Excelsa, 5¼-in. pots, 10 to 12 in high, 3 tiers 50c each, extra good, 4 to 5-in. pots, 10 to 12 in. high, 3 tiers, 35c to 40c. Perfect jewels, 6-in. pots, 17 to 19 in. high very broad 3 4 to 5 tiers, 75c each; 6-in. pots, 4 to 5 tiers 19 to 22 in high, 90c to $1.00 each. Specimens, $1.25 to $1.50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2.00 to $2.50 each.

Kentia Forsteriana and Belmoreana, 6-in. pots, medium sized, about 30 in., 75c each Belmoreana, 5½-in. pots, 5 to 6 leaves, 20 to 25 in. high, 50c each. Kentia Forsteriana Belmoreana and Areca Lutescens, 4-in. pots, 10c each.

Boston Ferns, 6-in. pots very strong, 25 to 30 fronds to a plant, from 25 to 30 inches high, 75c each. Specimens, 7-in. pots, $1.00 each; large 5-inch pots, 25c each.

Cineraria Hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 per 100.

Ficus Elastica (Rubber Plants)—have a large stock of over 2000 of the finest imported Belgium varieties, 6 in. pots, 20 to 25 in. high and up, $4.00 to $5.00 per doz. Specimen plants, $6.00 per doz.; 5 to 5½-in. pots, 18 to 20 in. high and up 20c to 30c each.

Dracaena Bruanti—These plants are very popular in Europe and America on account of their everlasting green glossy foliage and easy to keep. Just the right plant to beautify homes, 6-in. pots, 25 in high and up, 50c each $5.00 a doz.

Begonias, six leading varieties, including Pres. Carnot (best, largest pink), 4-in. pots 8c; 3-in. pots, 5c.

Chrysanthemum stock. A few leading varieties—Col. Appleton, Timothy Eaton and Pennsylvania, at the rate of $5.00 per 100 Major Bonnaffon, Queen and Halliday, $3.00 per 100.

Azalea Mollis, 30c each.

Cash with order please. Plants are shipped at purchaser's risk. Please state if pots are wanted.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.

Mention the Review when you write.

VERBENA KING

Here we are again with more Rooted Cuttings than ever, of the following:
Verbenas, Colens, Heliotrope, Mme. Salleroi Geraniums, Double white Petunias, Salvias Feverfew Ageratums, Daisies, Red and Yellow Alternantheras, all true to name and well rooted, fine and healthy. Safe arrival and satisfaction guaranteed. Write us your wants, for our prices are right and we prepay express charges too, on all Rooted Cuttings. Send for list to

C. HUMFELD, The Rooted Cutting Specialist.
That cash, or C.O.D. please } **Clay Center, Kan.**

Mention the Review when you write.

500,000 Verbenas

60 FINEST VARIETIES.

Perfectly Healthy. Free from Rust.

Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants .....$2.50 per 100; $20.00 per 1000.

Our list is the choice of millions of seedlings.

Send for Circular.

J. L. DILLON, Bloomsburg, Pa.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention the Review when you write

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000
LILLIAN POND,
$5.00 per 100, $40.00 per 1000
PROSPERITY,
$3.00 per 100, $25.00 per 1000
LAWSON,
$3.00 per 100, $25.00 per 1000
Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

Mention Review when you write.

The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

Novelties for 1904 **Novelties for 1904**

NEW CARNATIONS

We are Now Booking Orders for this Season's Novelties in Carnations

THE PRESIDENT.

NEW BRILLIANT CRIMSON CARNATION.

The President (Ward): One of the brightest colored, the largest flowered, the best formed, and the longest stemmed among crimson carnations. Enormous bloom, three inches and upwards in diameter, upon perfectly stiff stems 24 inches and upwards long. Very deep, glaucous foliage; strong, vigorous grower; mid-season bloomer. Needs early propagating and does exceptionally well when grown under glass throughout the summer. This is the most striking crimson carnation we have ever grown, and will bring a much higher price than any other crimson on the market on account of its perfectly shaped blooms, its large size, its magnificent coloring and its splendid stem. $12.00 per 100; $100.00 per 1000.

NEW VARIEGATED CARNATION.

Judge Hinsdale (Ward): An exceptionally pleasing sort. Color white heavily laced and edged with bright pink. Effect very pleasing and refreshing. Very large, full, well formed flower three inches in diameter, on an exceptionally strong stem 24 inches and upwards in length. Flower very full, high built; calyx large, long, exceptionally strong and does not burst. Early mid-season bloomer, producing an enormous crop of its immense flowers. Fragrant, splendid keeper, first class shipper, and a tip top all around carnation. Habit very strong, exceptionally vigorous, growth erect and free. Cuttings root well. A great favorite upon the New York market, where it brings the highest prices. Stock not very large. $12.00 per 100; $100.00 per 1000.

NEW CRIMSON CARNATION.

Octoroon (Ward): This variety has been termed by many visitors to our establishment, a "bread and butter" carnation. It resembles "Scott" in habit, the flower being considerably larger than "Scott" in its best days. The bloom is very large, quite full, nicely fringed and splendidly formed. Has a very long, strong calyx which does not burst, and the flower is nicely fragrant. Stems long, strong; plant vigorous, very free, and blooms steadily throughout the season. Considered a first-class variety upon the New York market, where it is in strong demand. Stock limited. $2.50 per doz. $10.00 per 100.

NEW FANCY CARNATIONS.

Sensation (Ward). Large, very full bloom. Color scheme one of the most peculiar yet seen among carnations. Ground work of flower white over which is laid broad splashes of yellowish salmon, and upon which broad markings of a deeper salmon pink are laid. Flower three inches in diameter, on long wiry stems. Very free, continuous bloomer. This variety attracts attention wherever seen. Stock limited. $2.50 per doz. $10.00 per 100.

NEW WHITE CARNATION.

Mackinac (Ward): This is a pedigree seedling which has gradually forced its way through our establishment into a prominent position through a sheer determination to produce an enormous quantity of fine, large, full, very fragrant flowers in the early part of the season when other carnations are scarce. The plant is exceptionally floriferous, producing more blooms during the early part of the season than any other white carnation that we have ever grown. Stem is long, wiry, flower fine shape; long, strong calyx. This we would term distinctively a "bread and butter" white carnation. $10.00 per 100; $75.00 per 1000.

Flamingo (Marquisee): The finest commercial scarlet yet offered. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Albatross (Marquisee): A grand white. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Sunbird (Marquisee): A very prolific yellow. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Nelson Fisher (Fisher): On the style of Lawson but more brilliant in color. Recommended as an improvement on Lawson. $12.00 per 100; $100.00 per 1000.

Mrs. M. A. Patten (Fisher): One of the finest variegated sorts yet offered. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Crusader (C. C. Co.): Recommended as a tip top commercial scarlet. $2.50 per doz.; $10.00 per 100; $80.00 per 1000.

Reliance (C. C. Co.): Recommended as the largest and finest pure white carnation yet offered. $2.50 per doz.; $10.00 per 100; $80.00 per 1000.

White Lawson (C. H. Allen & Jas. Hartshorne): A pure white sport of the Lawson. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Lady Bountiful (Dorner): A prize winning commercial white wherever shown. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

The Belle (Dorner): Another grand white from the well known raiser of so many fine commercial carnations. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

Indianapolis (Baur & Smith): Recommended as an extraordinary, fine commercial pink. $3.00 per doz.; $12.00 per 100; $100.00 per 1000.

We also offer the following standard varieties:

	Per 100	Per 1000
Adonis, brilliant scarlet	$8.00	$70.00
Enchantress, delicate Daybreak pink	6.00	50.00
Alpine Glow, brilliant Daybreak pink	5.00	40.00
Mrs. J. A. Thayer, delicate shade of Morning Glory pink	5.00	40.00
Mrs. Theodore Roosevelt, brilliant carmine pink	5.00	40.00
Gov. Bliss, brilliant scarlet	3.00	25.00
The Lawson, deep cerise pink	3.00	25.00
Lorna, pure white	2.00	18.00
Gov. Lowndes	6.00	50.00
Floriana, brilliant rose pink	3.00	25.00
Prosperity, white with crimson mottles, enormous flower	3.00	25.00
Harry Fenn, brilliant scarlet	5.00	40.00

Our descriptive catalogue of carnations and other stock which we have to offer, will be ready for mailing about February 1st. This will be a handsomely illustrated book, describing all of the productions offered by The Cottage Gardens' nurseries and greenhouses, and will contain much valuable information regarding trees, evergreens and shrubs, telling what to plant, when to plant, where to plant, and how to plant. It will be mailed to all those who send us a request accompanied by their names and post office addresses.

Remember, you can always save 5 per cent. by sending cash with order. Send your orders early before stocks are broken.

THE COTTAGE GARDENS

QUEENS, NEW YORK.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Brilliantissima, the new alternanthera. The finest of all the varieties. Just what you want if you want the best. $6 per 100; $50 per 1000. A. J. Baldwin, Newark, Ohio.

Alternantheras, 7 varieties, $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, double, 3-in., $2.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Alyssum, superior grade, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

ARAUCARIAS.

Araucaria excelsa, 4 to 5 in. pots, 10 to 12 in. high, 3 tiers, 35c. to 40c.; 5¼-in. pots, 10 to 12 in. high, 3 tiers, 50c. each; 6-in. pots, 17 to 19 in. high, very broad, 3, 4 to 5 tiers, 75c. each; 4 to 5 tiers, 19 to 22 in. high, 90c to $1.00 each. Specimens, $1.25 to $1.50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2.00 to $2.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Well-grown Sprengeri plants ready for				
3-inch	$3.50	100	$30.00	1000
4½-inch	5.00	100	45.00	1000
6-inch	10.00	100	85.00	1000

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100. Sprengeri, from flats, $1.00 100, $5.00 1000; 4-in., $6.00, 2¼-in., $1.50 100, $12.50 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong plants, 3-in., $1.20 doz., $8.00 100; 4-in., $1.50 doz., $10.00 100; A. Sprengeri, 4-in., $1.00 doz., $8.00 100. John R. Shreiner, Lancaster, Pa.

Asparagus plumosus nanus, strong, bushy plants, 2½-in., fine for fern dishes, 4 cts. Asparagus Sprengeri, 2½-in., 2½ cts.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus nanus, strong plants, just ready for 4-in. pots, $4.00 per 100; fine 4-in. stock, $8.00 per 100.
The McGregor Bros. Co., Springfield, O.

Asparagus plumosus, 2½-in., $5.00 100; 3-in., $8.00 100; 3½-in., $10.00 100. Sprengeri, field-grown, $5.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, 2½-in., ready for 3½-in., $2.00 per 100; $17.50 per 1000.
JACKSON & PERKINS Co., Newark, New York.

Asparagus Sprengeri, 3-in., ready for 4-in., 50c per doz.; $4.00 per 100.
J. S. Bloom, Riegelsville, Pa.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2½-inch, $3.00 100.
Walker & McLean, Youngstown, O.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus plumosus nanus, 3-in., good value, $8.00 per 100. S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, 2-in., $2.00 per 100; $18.00 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus plumosus, 2½-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

250 Asparagus Sprengeri, 4-inch, $6.00 100.
Stover Floral Co., Grandville, Mich.

Asparagus Sprengeri, 2-inch, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2½-in., $2.00 100.
Ridge Lawn Greenhouses, Buffalo, N. Y.

Asparagus Sprengeri, 2-in., $1.20 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra lurida, fine stock in 5-in. pots, 8 to 14 leaves, 25 cts. to 35cts each.
R. G. Hanford, Norwalk, Conn.

AZALEAS.

Christmas plants now ready. Azalea Indica, Simon Mardner, Deutsche Perle and Vervaeneana in bud and bloom, 75c. to $1.00 each. Azalea mollis, 30c. each.
Godfrey Aschmann, 1012 Ontario St., Phila.

BUSINESS BRINGERS—
Review
Classified Advs.

BAY TREES.

Bay Trees. Have just received a fine lot of standards and pyramids.
F. W. O. Schmitz, Prince Bay, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maniculata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias, 6 leading var., including Pres. Carnot, 4-in. pots, $8.00 100; 3-in., $5.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Fine Rex begonias, 2-in., 3c. Satisfaction guaranteed or money refunded.
Paul O. Tauer, Lebanon, Ind.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Begonia rubra, fine plants from 2½-in. pots, ready for shifting, $3.00 100.
The McGregor Bros. Co., Springfield, O.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonia de Lorraine, 2¼-in., $15.00 100; $140.00 1000. Julius Roehrs, Rutherford, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

Begonia incarnata, 4-in., $6.00 100.
Nathan Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Fine Jerusalem cherries in 3½ and 4-in., very strong, ready for 5 and 6-in. Well fruited, bushy plants, $1.50 per doz. while they last. Cash, please.
Burnell & Totman, Randolph, Vt.

Dwarf Jerusalem cherries, full of fruit. 5 in., 15 cts.; 6 in., 25 cts. each.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

Surplus stock of bulbs at cost—$3.50 per 100; $30.00 per 1000.

Single named hyacinths. La Franchise, white; Duc de Malakoff, yellow; Robert Steiger, red; Marie, purple blue; Regulus, light blue; Gen. Pellissier, scarlet; Baron Von Thuyll, white; Norma, light pink; La Perouse, blue; Grandeur a Merville, white; Anna Carolina, yellow; Gigantheа, pink; Charles Dickens, striped; Gertrude, red; L'Innocence, white.

Double named hyacinths. Prince of Orange, scarlet; Bouquet Tendre, pink; Czar Nicholas, rosy pink; La Virginate, white; Wm. III, pink center; Prince of Saxony, dark; Prince of Waterloo, white; Blocksburg, blue; Garrick, purple; Goethe, yellow; Flevo, white; Bouquet Royal, pink; Charles Dickens, dark blue.

Mixed hyacinths. Under color $2.50 per 100; $22.50 per 1000.

We have a limited quantity of single and mixed tulips, narcissi, crocuses and other bulbs. Write us for prices on them.
SCHMIDT & BOTLEY, Springfield, O.

SURPLUS BULBS.

Single hyacinths for bedding or forcing, light blue, pink, and pure white, $2.75 100, $23.00 1000.

Narcissus Trumpet Major, $7.50 1000.

Narcissus Von Sion, good forcing grade, $12.00 1000.

Roman hyacintha, 12-15, $25.00 1000.

Calla Ethiopica, 5½ to 7-in. circumference, $8.00 100.

Harrisii Lilies, 5 to 7-in., $3.50 100.

Parrot Tulips, best mixture, $7.00 1000.

Chinese Narcissus, per basket 30 bulbs, $1.25; per bale, 4 baskets (120 bulbs), $4.25.
STORRS & HARRISON CO., Painesville, O.

Tuberous rooted begonias, single; separate colors, white, rose, red and yellow, 12 40c, 100 $2.50; mixed, 12 35c, 100 $2.00. Double, separate colors, 12 75c, 100 $5.00.

Gloxinias, separate colors, red, violet, white or tigered, 12 60c, 100 $4.00; mixed, 12 50c, 100 $3.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Clearance sale of HYACINTHS and TULIPS. Exceptional value. Quality unsurpassed. For places see displayed adv. in Dec. 3 issue.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antigonon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Bulbs for forcing and bedding. Best grades only. Write for special prices.
W. C. Beckert, Allegheny, Pa.

Tritoma Pfitzeri, gladioli and all summer flowering bulbs. New trade list free.
JOHN LEWIS CHILDS, Floral Park, N. Y.

Lilium auratum, spiraeas, Roman hyacinths, etc. Ask for our catalogue.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CANNAS.

Cannas, nice clumps. Florence Vaughan, J. C. Vaughan, Egandale, Chas. Henderson, A. Bouvier, Burbank, etc., $2.00 per 100; $15.00 per 1000. A. J. BALDWIN, Newark, Ohio.

Cannas. The following to clear out at 50c per 100, f. o. b.: Alemannia, Austria, Burbank, Italia and Parthenope.
Louis Bosanquet, Fruitland Park, Fla.

CARNATIONS.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	6.00	50	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $50.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.
W. K. Partridge, Sta. R., Cincinnati, O.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings.	100.	1000.
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.
Larchmont Nurseries, Larchmont, N. Y.

Queen Louise carnations still head the list as a commercial white. We have 10,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular. $1.25 100; $10.00 1000. Satisfaction guaranteed.
A. B. Davis & Son, Purcellville, Va.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

If you need a good acarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Carnations, well-rooted and free from disease. Dec. 15th delivery. Innocence, Dorothy, Enquirer and Gov. Wolcott, $3.00 100, $18.00 1000. White Cloud, Glacier, Crane, $1.50 100, $12.50 1000. F. Hill, Joost, Marquis, $1.50 100, $12.50 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings.	100.	1000.
Lillian Pond,	$5.00	$40.00
Enchantress,	6.00	50.00
Lawson,	3.00	25.00
Prosperity,	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. Enchantress, Lillian Pond, $6.00 100; Boston Market, Gov. Wolcott, Prosperity, $2.00 100; Glacier, Joost, M. Glory, Lawson, Kohinoor, $1.50 100.
Stuppy Floral Co., St. Joseph, Mo.

My stock of carnations is vigorous and healthy. Rooted cuttings will be strictly first-class. Write for varieties and prices.
Henry Baer, Wholesale Carnation Grower, R. F. D. No. 3, Peoria, Ill.

Carnation cuttings from sand, December delivery. 500 Crane, 200 M. Glory, 200 Melba, 200 Prosperity, 200 G. Lord, 1500 Norway, 750 Flora Hill, 250 Scott and 250 Joost, $1.20 per 100.
East Side Floral Co., Minneapolis, Minn.

INDIANAPOLIS is the best bright pink carnation in sight. We ask you to come and see it growing—you will surely want it. Price: $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order.
GEO. S. OSBORN, Hartford, Conn.

Two new white carnations for 1904, LADY BOUNTIFUL and The Belle. The two best commercial sorts. Price, $12.00 100; $100.00 1000.
F. Dorner & Sons Co., Lafayette, Ind.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Bedford, Mass.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.
P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to
John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Carnation rooted cuttings. Gov. Wolcott, $35.00 1000. Enchantress, $50.00 1000. Lawson $20.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Rooted carnations now ready. For varieties and prices see our displayed adv.
California Carnation Co., Loomis, Cal.

Field-grown plants and rooted cuttings. Write for estimates on your wants.
W. H. Watson, Son & Co., Lapeer, Mich.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.
Rockville Greenhouses, Rockville Centre, N. Y.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Penryn, Cal.

Wm. Scott carnations, 500 field-grown, $3.50 100. Converse Greenhouses, Wehster, Mass.

CHRISTMAS PLANTS.

Aspidistra-elatior, green, $6.00 per 100 leaves; fol. var., $10.00 per 100 leaves. Spiraea japonica, $3.50 100; compacta multi, and astilboides, $4.00 100. Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100; A. mollis, $20.00 to $60.00 100. Rhododendrons, hybrids, for forcing, $45.00, $90.00 and $150.00 100. Deutzia gracilis, fine, pot-grown, $15.00 100; D. Lemoinei, pot-grown, $20.00. Lilacs, Chas. X. and M. Legraye, pot-grown, $45.00 100. H. P. roses, leading var., $10.00 100, $90.00 1000. Clematis, leading var., strong, true to name, $25.00 100. Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100. Buxus sempervirens, pyramids and standards, 4-ft. high, $150.00 100. Magnolia in var., to name, well-budded, $150.00 100. Aristolochia, Dutchman's pipe, strong plants, $40.00 100. Leoicera, extra strong, $25.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Piersoni and Boston ferns, Latania borbonicas, Areca lutescens, Kentias Forsteriana and Belmoreana, Araucarias excelsa and compacta, Phoenix canariensis, Pandanus utilis, Ficus elasticas, Dracaena indivisas and azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

CHRYSANTHEMUMS.

Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thorndon, $10.00 100; Geo. W. Childs, Vivland-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Robt. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.
Walker & McLean, Youngstown, O.

Last call for stock plants. Columbia, Richardson, Taggart, white and yellow Bonnaffon, white and pink Pacific, Mrs. Weeks, Ivory, Yanariva, Shaw, Appleton, Yanoma, Eaton, Halliday, Sanders, Lavender Queen, Childs, Intensity, Falconer, Carrington, Diana, Perrin, Murdock, Golden Wedding, Evangeline, Bloodgood, Morel, Fee du Champsaur, 10c. each, $1.00 per doz., $6.00 per 100. Cash with order.
Gunnar Teilmann, Marion, Ind.

Must have room. Stock mums at 50c doz., $3.00 100. Appleton, Adele, Eclipse, Edna Prass, Kalb, Childs, Parr, Ivory, Shaw, Dean, Mayflower, Murdock, Maj. Bonnaffon, Millbrook, Mrs. Robinson, Niveus, Pennsylvania, Rieman, Rose Owen, Polar Queen, Eaton, Tuxedo, The Queen, White Bonnaffon, Lincoln, Chadwick and Yellow Fellow. Cash with order.
Andrew Bather, Clinton, Iowa.

Mum stock plants. Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each. Alice Byron, Mrs. F. J. Tranter, F. J. Taggart, Goldmine, 15c each, stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.
W. A. Chalfant, Springfield, Mo.

Chrysanthemums. Mlle. M. Liger, Miss A. Byron, E. Molyneux, Mrs. F. S. Vallis, 20 cents each, $2.00 per doz. Mabel Morgan, Mme. Herrewege, C. J. Salter, Mme. P. Radelli, Mrs. Barkley, 15 cents each; $1.50 per doz. Orders booked for Lord Salisbury, Lovelinesa, Lord Hopetoun, Convention Hall, Durbin's Pride, Mrs. Thirkell, W. R. Church, for early delivery. Write for prices. All first-class stock.
G. A. Lotze, Jr., Glenburnie, Md.

Stock 'mums, ready as flowers are cut, Marie Liger, A. J. Balfour, 35c each; Nellie Pockett, Yellow Eaton, Mrs. Chamberlain, 25c each; Orizaba, Merza, Polly Rose, Mrs. E. D. Smith, Alice Byron, Mrs. Coombes, Souci, Merula, 10c each; 30 standard sorts, including Glory of Pacific, Ivory, Eaton, Appleton, Philadelphia, Willowbrook, Cresco, Mrs. Robinson Mrs. Jerome Jones, 6c each.
Stuppy Floral Co., St. Joseph, Mo.

Stock chrysanthemums. Strong plants from bench of
Appleton, Morel, Golden Wedding, T. Eaton, Pres. W. R. Smith, Bonnaffon, Ivory, Mrs. J. Jones, Lincoln, Maud Dean, Pennsylvania
75c. per doz.; $3.00 per 100; 50 at 100 rate.
D. P. Smith, Flint, Mich.

Chrysanthemums. Stock plants from bench, $5.00 per 100 in following sorts: Timothy Eaton, Yellow Eaton, Golden Wedding, Liberty, Mrs. Perrin, Superba, Florence Pullman, Blackhawk, Pres. W. R. Smith, Portia, Columbia, R. E. Richardson, Viviand-Morel, Violescent and Marie Liger.
Michell Plant and Bulb Co., St. Louis, Mo.

Chrysanthemums. The finest NOVELTIES and all the leading PRIZE WINNERS; also all the best Australian and other introductions. Order from our displayed adv. or write us.
H. W. BUCKBEE.
Rockford Seed Farms, Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum stock plants. Appleton, Mrs. Coombes, Pockett, Eaton, Chadwick, Estelle, 10c ea., $8.00 100. Golden Wedding, Murdock, Robinson, Henderson, Polly Rose, Pacific, White and Yellow Jones, 75c doz., $5.00 100. All strong plants from bench. Cash.
Critchell's, Avondale, Cincinnati, O.

Chrysanthemum stock plants in the following varieties at 75c a doz.: Pennsylvania, Philadelphia, Mrs. H. Robinson, Mme. Bergmann, Ivory, Mrs. Perrin, Major Bonnaffon, Mutual Friend and Golden Wedding.
C. C. POLLWORTH CO., Milwaukee, Wis.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Superba, Lav. Queen, Whilldin, Wedding, $5.00 100. Chamberlain, white Bonnaffon, $10.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Stock plants of Liger, Richardson, Yellow Eaton, Chautauqua Gold, $1.50 doz., $10.00 100. Chadwick, Yellow Chadwick, Eaton and other standard sorts, 75c doz.; $6.00 100. Order now. Stock shipped as soon as varieties are cut out.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum stock plants: White—Nellie Pockett, Polly Rose, Kalb, Ivory, Queen, Eaton, Chadwick. Yellow—Monrovia, Monarch, Halliday, Appleton, Modesto, Improved Favorite. Pink—Pres. Smith, Perrin, Lavender Queen.
Hersey Greenhouse Co., Wichita, Kan.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.
F. R. Hills, 1000 No. 8th Ave., Maywood, Ill.

Chrysanthemums. Stock plants, cheap, of Liger, Coombes, Alice Byron, Lady Harriet and all standard varieties. Write for prices on varieties you need.
CHAS. H. TOTTY, Madison, N. J.

Chrysanthemums: Col. Appleton, Eaton and Pennsylvania, $5.00 100; Major Bonnaffon, Queen and Halliday, $3.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Chrysanthemum stock plants now ready of Major Bonnaffon, 35c per doz.
H. S. Duly, Randolph, Mass.

Chrysanthemum stock plants. See displayed adv. W. J. & M. S. Vesey, Fort Wayne, Ind.

CHRYSANTHEMUMS—Continued.

Stock chrysanthemums. Estelle, Appleton, Rieman, Quito, $3.00 100; Liger, White and Yellow Chadwick, $10.00 100.
Ridge Lawn Greenhouses, Buffalo, N. Y.

Chrysanthemum stock plants, 50c doz. Polly Rose, Opah, T. Eaton, Ysnariva, Xeoo, Bonnaffon. W. G. Kroeber, Box 357, Danbury, Conn.

Hardy pompon chrysanthemums, 60 varieties. Orders booked now for spring delivery. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

ESTELLE, the money-making mum. Strong stock plants, $1.50 doz. Get true stock from the originator. H. M. Altick, Dayton, O.

Chrysanthemums. Stock plants, early varities now ready. Write for varieties and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.
Louis Derocher, Avon, Mass.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CINERARIAS.

Cineraria hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cinerarias for Easter blooming. Dwarf large-flowering, 2-in., $1.50 100.
J. W. Miller, Hatton, Pa.

Cineraria hybrida, fine strain, 6-in. pots. Price on application.
Waite & Eccles, Sea Cliff, L. I., N. Y.

Cinerarias, 2¼-in., $2.00 100, $3.00 for 500; 3-in., $3.00 100.
C. Whitton, City St., Utica, N. Y.

Cinerarias, ready for 4-in., $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis coccinaea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus in variety, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus. 10 varieties, 2-in., 2c. Cash or C. O. D. Dann & Son, Westfield, N. Y.

CRYPTOMERIAS.

Cryptomeria japonica, 2-in., $5.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas by the 1000. Get my prices.
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CYCLAMEN.

CYCLAMEN SPLENDENS GIGANTEUM for Xmas blooming. Finest strain in the world. White, blood-red, white carmine eye, rose; first-class stock, well-budded, from 3, 3½, 4, 4½ and 5-inch pots at $7.00, $10.00, $12.00, $15.00 and $20.00 per 100.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, extremely fine, very full budded, just coming into bloom. All colors, 4 and 5-in. pots, 2 doz., $5.50; $15.00 and $18.00 per 100.
Mount Hennes Conservatories, Fishkill, N. Y.

Cyclamen giganteum, fine plants, well set with buds. Will flower for Christmas. 6-in., 25c; 5-in., 20c; 4-in., 12c each, and 3-in., 75c doz. J. S. Bloom, Riegelsville, Pa.

Cyclamens, fine Christmas stock. 4-in., $1.00 doz., $7.00 100; 5-in., $2.00 doz., $15.00 100; 6-in., $4.00 doz., $25.00 100. Cash.
Critchell's, Avondale, Cincinnati, O.

Cyclamen. Fine plants in bloom, 6-in., $6.00 doz.
Geo. A. Rackham, 880 Van Dyke, Detroit, Mich.

Cyclamen giganteum, well set with buds, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

Cyclamen gig., large-flowered, 3-in., $5.00.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Cyclamen, well set, with buds, $12.00 per 100.
C. Winterich, Defiance, O.

DAHLIAS.

Dahlias. A. D. Livoni, pink; Mrs. Thatcher, yellow; Marguerite Bruant, white; and 12 other good cut flower sorts, strong field plants, $5.00 per 100. Geo. J. Keller, Rochester, N. Y.

Dahlias. 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
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Dahlias, 30 named varieties, true to name, just as dug, $5.00 per 100. Send for catalogue.
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50,000 field clumps named. Send for list.
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Daisies, giant double; fine plants, 35c 100; $2.50 1000. J. C. Schmidt Co., Bristol, Pa.

DEUTZIAS.

1500 Deutzia gracilis, 3 years old, fine plants for 7-inch pots, $10.00 per 100. Cash.
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Dracaena indivisa, 3-in., extra strong, $6.00 100; good stock, $4.00 100. Shifted into 4-in. will make nice stock.
Binley The Florist, Glens Falls, N. Y.

Dracaena indivisa, 3½-in. pots, fine, bushy plants ready for a shift, at $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Dracaena Bruanti, 6-in. pots, 25 in. high and up, 50c, each; $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

1500 Dracaena indivisa, strong field-grown plants, $10.00 per 100.
W. & T. Cass, Geneva, N. Y.

Dracaena indivisa from flats, $1.50 per 100.
Walker & McLean, Youngstown, O.

Dracaena indivisa, 2-in., $2.50 100.
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CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.
4-in. pots .....$0.50 each, $ 5.50 doz.
5-in. pots ..... 0.75 each, 8.50 doz.
7-in. pots ..... 2.00 each, 23.00 doz.
8-in. pots ..... 2.75 each, 32.00 doz.
For larger specimen plants, prices on application.

FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000. 4-in. pots, $12.00 100, $110.00 1000.

ADIANTUM CUNEATUM, very bushy, 4-in. pots, $12.00 100; $110.00 1000; 500 at 1000 rate.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

PIERSONI, FOSTER AND BOSTONS.

PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.

ANNA FOSTER ferns, 2½-in., $5.00 per 100, $40.00 per 1000; 3-in., $8.00 per 100; 6-in., 75c each; 7-in., $1.00 each.

BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

Fine plants, from 2-inch pots, Aspidium tsussimense, Cyrtomium falcatum, Pteris cretica albo-lineata, Pteris adiantoides, Pteris serrulata, Adiantum pubescens, $3.00 per 100.

Extra fine Aspidium tsussimense, Adiantum cuneatum and Lastrea aristata var., 3 in., $6.00 per 100; $50.00 per 1000.

Lastrea aristata var. and Polystichum coreaceum, 4 in., 5c.
R. G. Hanford, Norwalk, Conn.

Piersoni ferns. Per 100: 2¼-in., $10.00; 3-in., $15.00; 4-in., $20.00. These plants are ready for a shift into larger sizes, and will make fine stock for Easter sales. I have about 10,000. You must speak quickly if you want any at these figures. Cash with order. Write for special prices on Boston ferns.
Chas. H. Campbell, 3601 Germantown Ave., Philadelphia, Pa.

BOSTON FERNS, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Bench-grown Bostons in all sizes.

PIERSONI FERNS, young plants from bench, $15.00 100; 2½-in., $20.00 100; 4-in., 50c each; 5-in., 75c each.
All stock extra fine. Cash with order.
DAVIS BROS. Geneva, Ill.

ANNA FOSTER ferns, cut from bench, for 6-in., $35.00 100. Beautiful plants in pots, 5-in., $4.00; 6-in., $9.00; 7-in., $15.00; 8-in., $24.00; 9-in., $36.00 per doz.

BOSTONS. Full, large plants cut from bench, $50.00 per 100; also in any quantity, $25.00 100.
L. H. FOSTER, Dorchester, Mass.

Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for fernceries at $3.00 per 100. Get our soap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

Boston ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 30 to 35 in. high, 75c each. Specimens, 7-in. pots, $1.00 each. Large, 5-in. pots, 25c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
F. H. KRAMER, Washington, D. C.

Boston ferns, all sizes.
Julius Roehrs, Rutherford, N. J.

Piersoni ferns, 2¼-in., $20.00 100; 5-in., $1.00 each; 6-in., $1.50 each. Bostoniensis, 5-in., 25c ea.; 6-in., 35c ea. Cordata compacta, 5-in., 25c ea.; 6-in., 35c ea.
Nathan Smith & Son, Adrian, Mich.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Boston ferns, 2½-in., $3.50 per 100; 3½-in., $6.00 per 100; 4-in., $8.00 per 100; 5-in., $12.00 per 100. Fine stock.
The McGregor Bros. Co., Springfield, O.

Boston ferns, fit for 5 and 6-in. pots, fine, at $15.00 and $20.00 per 100. Cash, please.
Benj. Connell, West Grove, Pa.

Boston ferns, from benches, fine, strong plants, $35.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Boston and Piersoni ferns in sizes, pot-grown, from 2½ to 10-in. Nothing better for Christmas. Order early.
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Boston ferns, 2½-in., $4.00 per 100; $35.00 per 1000. Pierson ferns, 2½-inch, $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Boston ferns, stocky, 5-inch pots, $2.00 per doz. Mixed ferns, 2¼-inch, $3.00 per 100.
W. G. Kroeber, Danbury, Conn.

Adiantum cuneatum, 4-inch, $15.00 100; Nephrolepis Wittboldii, 3-inch, $8.00 100.
Walker & McLean, Youngstown, O.

Small ferns for fern dishes; strong plants, 2½-in., $3.00 100, $25.00 1000. Cash.
Oechslin Bros., 1688 W. Madison St., Chicago.

Adiantum Farleyense, strong plants, 3-in., $12.00 100; 4-in., $20.00 100.
W. A. Hammond, Richmond, Va.

Boston ferns, 7-in., $1.00; 8-in., $1.25; 9-in., $1.50 each. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Florsl Co., Crown Point, Ind.

Boston and compacta ferns, fine stock for the Holidays.
Ridge Lawn Greenhouses, Buffalo, N. Y.

Boston ferns, bushy, 5-in., $2.50 doz.; 6-in., $4.00 doz.
Converse Greenhouses, Webster, Mass.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, 2¼-in., 45c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100.
J. C. Schmidt Co., Bristol, Pa.

GAILLARDIAS.

Gaillardia grandiflora, July sowing, $1.00 per 100. GEO. ENGEL, Xenia, Ohio.

GERANIUMS.

Headquarters for rooted cuttings. Over 100,000 ready for shipment. S. A. Nutt in 10,000 lots, Dbl. Grant, Buchner, Perkins, Bruanti, Favorite, Landry, Montmort, Charotte, Jannina, Triumph de Patteras, the best scarlet border dwarf, $10.00 per 1000; Ricard, Harrison, Viaud, Castellane, (Poitevine in 10,000 lots). $12.00 per 1000; Charles Gervais, the best dbl. rose-pink in the market, $3.00 per 100. Write for price list. Peter Brown, Lancaster, Pa.

50,000 geraniums true to name. S. A. Nutt, crimson; Buchner, La Favorite, dbl. white; Perkins, pink; Heteranthe, scarlet, 2¼-in., $2.25 100. Rooted cuttings, $1.50 100. A. Ricard, B. Poitevine, J. Viaud, 2¼-in., $2.50 100. Rooted cuttings, $1.75 100. Also Trego, Little Pink and 20 other varieties.
L. Mosback, South Chicago, Ill.

Geraniums, fine 2½-inch pots, $2.00 100. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol. Brideaux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Mollo, Dr. Blanche, Bucharle's White, Tamative, Gloire Boodeau, Alphonse Ricard.
NATIONAL PLANT CO., Dayton, O.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Graot, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Siugle Gen. Grant, etc., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Well rooted cuttings true to name, Jean Viaud, S. A. Nutt, Mme. Buchner, $1.00 per 100; $9.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Countess de Harcourt, $1.25 per 100; $10.00 per 1000.
C. B. Shisler, Williamsville, N. Y.

Geraniums from 2¼-in., $2.00 per 100. Ricard, Perkins, Poitevine, Hill, Dryden, Bruant, Viaud, Mme. Jaulin, De Castellane, Marvel, La Favorite, Mrs. J. M. Gaar, Queen of West, Mrs. A. Blanc, Mme. Bruant and type. Strong stock. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geranium cuttings, Nutt, Jean Viaud, Mme. Beauclaire, $1.50 per 100, $12.50 per 1000. Le Soleil, Poitevine, Mme. Landry and Perkins, $1.75 per 100, $15.00 per 1000. Money with order from unknown parties.
WM. F. KASTING, Buffalo, N. Y.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, J. J. Harrison. Best dbl. dark pink, dbl. salmon pink and single scarlet at $1.00 per 100, cash. Logan Ave. Greenhouses, R. R. 2, Danville, Ill.

Geranium rooted cuttings. Buchner, best dbl. white, and Jean Viaud, best dbl. pink, $1.50 100; $10.00 1000. In assortment, my selection, all labeled, $1.50 100; $12.50 1000.
Albert M. Herr, Lancaster, Pa.

Geraniums. Superb bedders. Viaud, Ricard, Mme. Buchner, Nutt, Hill, Poitevine, strong R. C., $1.50 100, $14.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Geraniums, double and single; red, scarlet and white, all good varieties, $1.25 per 100; $10.00 per 1000. Geo. R. Geiger, Nazareth, Pa.

Geraniums, 12 good varieties, 2-in., our selection, $2.00 100, $15.00 1000. Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Rooted cuttings, best bedders, $15.00 per 1000. Mme. Salleroi, $15.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Mme. Salleroi, 90c 100; $8.00 1000.
Whitehall Floral Co., Whitehall, Mich.

GLADIOLI.

Gladiolus bulbs. Fancy mixture, 1st size, $8.00 1000; 2nd size, $6.00 1000. Good mixture, 1st size, $6.00 1000; 2nd size, $4.00 1000. Discount on large orders.
E. E. Stewart, Rives Junction, Mich.

Gladioli for forcing. Colvillei alba, white, 12 10c, 100 60c, 1000 $5.00; Colvillei rubra, red, 12 15c, 100 75c, 1000 $6.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Gladiolus May for forcing and Groff's hybrids, large bulbs, $5.00 per 1000. Cash. Sample for stamps. P. O. Coblentz, New Madison, O.

Gladioli. Augusta, 1sts and 2nds; Groff's, small. Mrs. A. H. Austin, R. D., Wayland, O.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

GRASSES.

Grasses. Erianthus Ravennae, Eulalia striatis, Gracillima univittata, and Japonica zebrina, $5.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Poa trivialis variegata, fine for fern dishes, 2-inch, $2.50 100; 3-inch, $5.00 100.
THE GEORGE WITTBOLD CO., 1657 Buckingham Place, Chicago, Ill.

200 Arundo donax variegata, strong dormant roots, three eyes to the division; $6.00 100. Cash. Wachendorf Bros., Atlanta, Ga.

HARDY PLANTS.

Rocky Mountain Blue Spruce. We have a limited supply of the true Picea Pungens at $2.50 per lb.; also Picea Engelmanni (blue spruce), at $4.00 per lb.; Juniperus Monsperona (dwarf cedar), at $1.50 per lb. We are collectors of seed of Rocky Mountain Columbine (Aquilegia Coerulea), and offer in limited quantity at $1.25 per ounce. Two-year-old roots, at $1.25 per dozen by express.
BARTELDES & CO., Denver, Colo.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send or illustrated price list.
Peterson Nursery, 164 La Salle St., Chicago.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A fine assortment of conifers on hand. Write me for prices.
F. W. O. Schmitz, Prince Bay, N. Y.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

HELIOTROPES.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

White lilac, 7 ft., $30.00 to $35.00 100. Cash.
Rockville Greenhouses, Rockville Centre, N. Y.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

HIBISCUS.

50 Hibiscus miniatus semi-plena, large double red. Strong, bushy plants from 5-inch pots. Just the thing for centerpieces in vases next spring. $15.00 100. Cash.
Wachendorf Bros., Atlanta, Ga.

Hibiscus, 2-in., $2.00 100; 3-in., $4.00 100; 4-in., $6.00 100.
J. Steckler Seed Co., New Orleans, La.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

OTAKSA, THOS. HOGG, with 5 to 7 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $10.00; $45.00 for 500.
JACKSON & PERKINS CO., Newark, New York.

Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c.
Hiram T. Jones, Elizabeth, N. J.

Hydrangea paniculata grandiflora, large, bushy plants, 4 to 5 feet, $3.00 doz.; $15.00 100; $120.00 1000.
Andorra Nurseries, Chestnut Hill, Phila., Pa.

Hydrangea Otaksa, very strong, field-grown, from 5 to 12 branches, $10.00 per 100.
Peter Wenk, Clinton Ave., Ozone Park, L. I., N. Y. Telephone 164.

Hydrangea Otaksa, field-grown, large enough for ½ bbl. tubs, $1.00 each, 12 for $10.00.
Dann & Son, Westfield, N. Y.

Hydrangea Otaksa, fine field-grown plants, $8.00 per 100.
John Booner, 301 Beecher St., Syracuse, N. Y.

IVY.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, pot grown, clean, healthy stock, from 4-in. and 5-in. pots, vines 2½ to 3 ft., 12c. R. G. Hanford, Norwalk, Conn.

Hardy English ivy, strong, 3-in. pots, $5.00 per 100; $40.00 per 1000.
I. H. Moss, Govanstown, Baltimore, Md.

English ivy, field-grown, stroog, bushy plants, $5.00 100. Cash, please.
Godfrey Aschmann, 1012 Ontario St., Phila.

English ivy, field-grown, $4.00 100. Cash.
Converse Greenhouses, Webster, Mass.

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Cape Jasmines, 4-inch pots, $3.00 doz., $20.00 100. J. Steckler Seed Co., New Orleans, La.

LANTANAS.

Weeping lantanas, 2-in., 2c. Fine, strong plants or money refunded.
Paul O. Tauer, Lebanon, Ind.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and in sealed cases only.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley will be ready soon. Place your order now.
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Cut lily of the valley of good quality always on hand.
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Lily of the valley pips.
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Mistletoe. Fine, well-berried, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Satisfaction guaranteed. Mrs. Geo. J. Starr, Wilson, N. C.

Mistletoe of the best quality—it's guaranteed.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

MISTLETOE for the Holidays. Write us.
Walker Seed Co., Oklahoma City, Okla.

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Otaheite orange, in fruit, 50c, 60c, 75c each.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

PALMS, ETC.

BALL'S PALMS.

Areca lutecens, several plants together, bushy and strong.

4-in.,	18-20 in. from ground	$ .25
5-in.,	20-24 in. from ground	.50
6-in.,	24-30 in. from ground	.75
6-in.,	30-36 in. from ground	1.00
8-in.,	36-42 in. from ground	2.00
10-in.,	50-60 in. from ground	5.00
10-in.,	55-60 in. from ground	6.00
10-in.,	60-72 in. from ground	7.00

Latania borbonica, excellent stock.

4-in.,	2-4 char. lvs	.20
6-in.,	4-5 char. lvs	.50
6-in.,	5-6 char. lvs	.75
8-in.,	7-9 char. lvs., good	1.50

Cocos Weddeliana, 2x3-in. pots, 6 to 8 inches above pot, 10c each. For full line of palms send for price list.
C. D. Ball, Holmesburg, Phila., Pa.

Latania borbonica. Reduced prices. 4-in. pots, $15.00 100, $2.00 doz.; 5-in. pots, $25.00 100, $3.50 doz.; 6-in. pots, $40.00 100, $5.00 doz.; from 8-in. pots and larger, $2.50 each and upward, according to size.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in. pots, $12.00; 4-in. pots, $25.00; 5-in. pots, $50.00; 6-in. pots, $15.00 doz.; from 7-in. pots and upward, at $1.75 to $35.00 each.

Areca lutescens, fine stock of large plants, from $1.50 upward.

Phoenix reclinata, 5-in. pots, $35.00 100, $4.50 doz.; 6-in. pots, $9.00 doz. Larger plants from $1.00 upward.

Phoenix canariensis, fine specimens, from $2.00 to $35.00 each.

Pandanus utilis, 3-in. pots, $8.00 100; 5-in., $30.00 100.
JOHN BADER, Troy Hill, Allegheny City, Pa.

CORYPHA AUSTRALIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea., $3.50 per 10; 6-in., 20 to 22 in. high, 5 to 6 lvs., 50c ea., $4.50 per 10, CHAMAEROPS HUMILIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea. PHOENIX CANARIENSIS, 5-in., 18 to 20 in. high, 3 to 4 lvs., 40c ea. PHOENIX TENUIS, 5-in., 20 to 22 in. high, 4 to 5 lvs., 40c ea.; 7-in., 24 to 26 in. high, 4 to 5 lvs., 75c ea. LATANIA BORBONICA, 5-in., 18 to 20 in. high, 3 to 4 lvs., 28c ea., $2.50 per 10, $20.00 per 100; 6-in., 20 to 25 in. high, 4 to 5 lvs., 45c ea., $4.00 per 10, $35.00 per 100. Spot cash with order. For other sorts see wholesale list. Send for it.
W. J. HESSER, Plattsmouth, Neb.

WASHINGTONIA FILIFERA

2-in. pots	$3.50 per 100;	$30.00 per 1000
6-in. pots	.85 each;	9.00 per doz.

LATANIA BORBONICA

2-in. pots	$4.00 per 100;	$35.00 per 1000
6-in. pots	6.00 per doz.;	40.00 per 100

PHOENIX CANARIENSIS

6-in. pots	$6.00 per doz.;	$40.00 per 100

PANDANUS VEITCHII

3-in. pots		$2.50 per doz.
4-in. pots		5.00 per doz.
5-in. pots		9.00 per doz.

J. Steckler Seed Co., New Orleans, La.

Large Areca lutescens, several plants to pot, 6½ to 7 ft. high, $12.50 per plant; 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6-in. pots, 2½ ft. high, $9.00 per doz. plants; 2 and 3 plants, in 4-in. pot, 18 to 22 inches high, $4.00 per doz. plants.

Latanias, 8-in. pots, 1 plant to pot, 8 to 10 lvs., $18.00 per doz.; 6-in., 1 plant to pot, 7 to 9 lvs., $9.00 per doz.; 6-in., 1 plant to pot, 5 to 7 lvs., $6.00 per doz. Prices of kentias, pandanuses, etc., on application.
J. W. Colflesh, 53rd St. and Woodland Ave., Philadelphia, Pa.

KENTIA BELMOREANA.
Fine healthy stock, absolutely free from scale.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	4-5	10-12	$15.00	$140.00
4-in.	5-6	15-18	25.00	220.00

KENTIA FORSTERIANA.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	3-4	12	$15.00	$140.00
4-in.	4-5	16	25.00	230.00

500 at 1000 rate.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

Kentia Forsteriana and Belmoreana, 6-in. pots, medium sized, about 30 in., 75c. each; Belmoreana, 5½-in. pots, 5 to 6 lvs., 20 to 25 in. high, 50c. each; Kentia Forsteriana and Belmoreana, 4-in. pots, 10c. each; Areca lutescens, 4-in. pots, 10c. each.
Godfrey Aschmann, 1012 Ontario St., Phila.

	Pots.	Leaves.	In. high.	12	100
Latania Borbonica	3-in.	4-5	8-10	$.75	$5
Latania Borbonica	5-in.	3-5 chr.	12-15	2.00	15
Latania Borbonica	5-in.	3-5 chr.	15-18	2.50	18
Kentia Belmoreana	2½"	3-4 chr.	8-10	1.50	10
Kentia Belmoreana	3-in.	3-5 chr.	10-15	1.75	13

Sherman Nursery Co., Charles City, Iowa.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right. JULIUS ROEHRS, Rutherford, N. J.

Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100.
Walker & McLean, Youngstown, O.

PALMS—Continued.

Pedestal-grown Pandanus Veitchii, 9-in., 30 to 34 inches high above pots, $3.50 ea.; 10-in., 36 to 42 inches high above pots, $5.00 ea.
J. Welsh Young, Germantown, Pa.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100; $50.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each.
F. W. O. Schmitz, Prince Bay, N. Y.

Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Kentia Belmoreana, 4-inch pots, $2.00 doz.
W. G. Kroeber, Danbury, Conn.

Kentias—all sizes—all prices.
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For Pansy Seed see under heading "Seeds."

PANSY PARK PERFECTION, a new strain and the best ever offered, largest in size of flowers and greatest variety of colors. Fine, stocky, open-ground, seed-bed plants; mixed colors, $4.50 per 1000; 500 for $2.50. Cash with order. Pansies a specialty for 30 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

Pansy plants. Largest flowering mixture of show varieties, unsurpassed quality, strong stocky plants, $3.00 per 1000. 500 at 1000 rate. In 5000 lots, $2.50 per 1000.
Gustav Pitzonka, Bristol, Pa.

Pansy plants, fine strain, 40c per 100; $2.00 per 1000. Cash.
J. P. CANNATA, Mt. Freedom, N. J.

Pansy plants, fine, 50c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Pelargonium rooted cuttings, 15 var., all named, $2.25 100, prepaid. Cash.
S. D. Brant, Clay Center, Kan.

The Florists' Manual, by William Scott., is a whole Library on Commercial Floriculture.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 164 La Salle St., Chicago.

Fragrans (sometimes called Thurbecki), $6.00 per 100; $50.00 per 1000.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Petunia, rooted cuttings, named, all double, $1.25 100, $10.00 1000. Express paid.
S. D. Brant, Clay Center, Kan.

Dbl.-fringed petunias, tea novelties, labeled, $1.00 100, $8.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

PRIMULAS.

Chinese primroses. International strain, finest grown and fine stock, 4-in., $1.50 doz., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; good Christmas plants. Primula obconica, grandiflora rosea and alba, mixed, mostly rose and tinted flowers; extra large flowered and choice stock and ready for larger pots, 4-in., extra heavy, $12.00 100; choice 4-in., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; 2-in., $2.00 100. All the above plants are first-class stock and such as you need for your Christmas trade.
N. O. Caswell, Delavan, Ill.

Chinese primroses. International strain, fine bushy plants from 4-in., $6.00 per 100. Also cinerarias, dwarf, large-flowering, from 4-in., $6.00 per 100. The above stock is all first-class A No. 1 but must sell it at a sacrifice to make room for other stock. Cash with order.
Crescent Ave. Floral Co., Grand Rapids, Mich.

CHINESE PRIMROSES. No finer strain on the market, all colors, including blue, from 2½, 3, 3½ and 4-inch pots at $3.00, $5.00, $7.00 and $10.00 per 100. Primula obconica, from 3 and 3½-inch pots at $5.00 and $7.00 per 100.
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Chinese primroses. Large, clean, 6-in. pot plants in full bloom and bud, just the thing for Christmas sales, $20.00 per 100. Cash.
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Chinese primroses, bud and bloom, 4-in., $6.00. Obconica, 2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00. 4-in., $6.00 100.
C. Whitton, City St., Utica, N. Y.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Primulas and primroses. 3-in., very strong, in bud and bloom, 50c per doz., $3.00 per 100. Cash, please.
Barnell & Totman, Randolph, Vt.

Primula obconica grand. alba, rosea and fimbriata, strong plants, 2½-in., $3.00 100, $25.00 1000. Cash.
Oechslin Bros., W. Madison St., Chicago.

Chinese primroses, in bud and bloom, single and dbl. mixed, 4-in., $1.50 doz.; $10.00 100.
John R. Shreiner, Lancaster, Pa.

Primula obconica, from benches, $6.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Fine assortment of primroses, 5-inch pots, all in bloom, $2.00 doz.
W. G. Kroeber, Danbury, Conn.

Primula obconica, 2¼ and 3-in., $2.00 and $3.00. Cash. C. F. Krzyaske, Sandusky, O.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Primulas—Chinese and Obconica—2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Primula obconica, ready for 4-in., $5.00 100. Order early. Geo. A. Kuhl, Pekin, Ill.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chinese primroses, pink, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

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Rooted cuttings of verbenas, coleus, heliotropes, Mme. Salleroi geraniums, dbl. white petunias, salvias, feverfew, ageratums, daisies, red and yellow alternantheras, all true to name. Safe arrival and satisfaction guaranteed. Express charges prepaid. Cash or C. O. D.
C. Humfeld, Clay Center, Kan.

Rooted cuttings.	100	1000
Coleus, in variety	$ .60	$5.00
Double petunias, true to name	1.25	10.00
Heliotrope, all dark	1.00	9.00
Feverfew, Little Gem	1.25	10.00
Ageratum, in four varieties	.60	5.00
Fuchsias, true, from soil	1.25	10.00

J. E. Felthousen, Schenectady, N. Y.

ROSES.

Souvenir de Catherine Guillot, the finest orange-red, self-colored rose, good size, fully double, profuse and continuous bloomer, erect stems, sweet scented and dark foliage, easy to force in winter by 60 to 70 degrees; 3-in., per 100, $10.00; 2-in., per 100, $5.00.
Albert Knapper, Rose-Farm, Ambler, Pa.

2000 Clothilde Soupert, white, on own roots, field grown, now in cold storage, very fine plants for 5 and 6-in. pots, $9.00 per 100. Cash.
C. Ribsam & Son, Trenton, N. J.

CRIMSON RAMBLERS, XXX, 4 to 5 ft., $15.00 per 100. Extra fine plants. Pot now for Easter forcing. Prompt shipment.
JACKSON & PERKINS CO., Newark, New York.

Bride, Maid, Kaiserin, 2-in., 2c; Liberty, 2-in., 3c; American Beauty, 2-in., 4c. Fine strong plants or money refunded.
Paul O. Taner, Lebanon, Ind.

Rose cuttings. Beauty, $3.00; Bride, Ivory, Gate, Maid, Meteor, $1.50 100. Bride, 3-in., $4.00 100; $37.50 1000.
W. H. Gullett & Sons, Lincoln, Ill.

700 3-year-old Crimson Rambler roses. Write for price. C. L. Reese, Springfield, Ohio.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz.; 5-in., strong, 25c, $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica, 1 ft. high, $2.50 doz.; 2 ft. high, $3.00 doz.; 4 ft. high, $4.00 doz.
J. Steckler Seed Co., New Orleans, La.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias St. Louis and Bonfire, $1.00 100. Cash. Buckley Plant Co., Springfield, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

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Johnson & Stokes' MAMMOTH VERBENAS New crop seed. Is unsurpassed for immense size of florets, large trusses and beautiful, bright and distinct colors. J. & S. Choice mixed, 2000 seeds, 20c; oz., $1.00. Separate shades, white, pink, scarlet, purple and striped, 2000 seeds, 25c; oz., $1.25.

Burbank's Shasta daisy, seed saved from largest flowers, 20c 100, $1.25 1000 seeds.

New crop smilax, 20c oz., $2.50 lb.

Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Asparagus plumosus robustus grows more rapidly, yields more sprays for cutting and is more valuable for florists than other sorts; 100 seeds, $1.00; 1000 seeds, $9.00.
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Fresh seeds. Keotia Belmoreana and Forsteriana, 12 15c, 100 60c, 1000 $4.00. Cocos Weddeliana, 12 20c, 100 85c, 1000 $7.00. Asparagus Sprengeri, 100 20c, 1000 $1.00. Shasta daisy, 12 5c, 100 20c, 1000 $1.25. New list of florists' seed now ready. Write for it.
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Vick's Sons' aster seed. Daybreak, Purity, Snowdrift, Lavender Gem, Queen of the Earlies, white; Vick's Branching in white, pink, rose, crimson, purple, lavender. Shasta daisy seed. All our own growing. Write for prices.
James Vick's Sons, Rochester, N. Y.

New crop Danish-grown cauliflower seed. Orders booked now for fall and spring delivery, direct from grower in Denmark. Write for samples and prices of cauliflower and cabbage seed. Hansen & Co., Box 470, Stamford, Conn.

Michell's Mammoth verbena seed has a national reputation for vigor, size of bloom and vivid colorings. All colors, separate, 30c trade pkt.; ¼-oz., 50c; oz., $1.50.
H. F. Michell Co., Philadelphia, Pa.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate.
Loomis Floral Co., Loomis, Cal.

Wholesale price list of seeds for florists and market gardeners.
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Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

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Smilax, large bushy plants out of 2½-in., $1.00 100; $8.50 1000.
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Smilax, fine heavy strings from now till Xmas, $1.50 doz. W. G. Kroeber, Danbury, Conn.

Cut smilax, 6-ft. strings, 10c. To move it quickly. Chas. Pommert, Amelia, O.

Smilax, 2¼-in., 60c 100, $5.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, a superior grade, $3.00 100.
Nathan Smith & Son, Adrian, Mich.

Smilax, 2-in., 75c 100.
E. I. Rawlings, Quakertown, Pa.

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Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

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CABBAGE—Charleston and Jersey Wakefield, Succession and other early varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—White Plume, Golden Heart, Giant Pascal and other varieties, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY—Small plants from seed bed, 25c per 100, $1.25 per 1000.

LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 1000.

Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce plants. Grand Rapids, Boston Market and other var., $1.00 1000, $8.50 10,000. Large stocky plants. J. C. Schmidt Co., Bristol, Pa.

FORCING TOMATOES. Lorillard and Mayflower, selected stock, 2½-inch pots, $2.00 100. Cash. Benj. Connell, West Grove, Pa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Verbenas. 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Verbena rooted cuttings, named, 60c 100, $5.00 1000. Express paid.
S. D. Brant, Clay Center, Kan.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

Protection from Frost.—Although wire netting is not usually classed with the materials suitable for the protection of fruit trees from frost, there can be no doubt that it possesses considerable protective value. In the gardens of Syon House there has been so great a difficulty in keeping the buds of the gooseberry bushes safe from birds during the winter and early spring months, that Mr. Wythes has had a considerable area enclosed with wire netting. The framework is formed with slender posts and strips of deal, and is about five feet high. This is covered with wire netting having an inch mesh, and is a most efficient protection from birds. This year it has been a most efficient protection from frost also, for in April, when the frost was so severe at Syon as to practically destroy the whole of the young gooseberries on the unprotected bushes, not a fruit was injured on the bushes enclosed by the wire structure.

Anemone King of the Scarlets was given an award of merit by the Royal Horticultural Society in May. For brilliancy of color it would be hard to find a flower to beat this handsome anemone. The flowers are three inches and more across, quite double, and yet spread out flat. The outer floral segments are large, but sharply pointed, and then come the petaloid stamens laid out in regular circles, one within the other. The whole flower is vivid velvety scarlet. The variety appears to be very free flowering.

The forty-fourth exhibition and congress of the Pomological Society of France was held at Clermont Ferrand in September.

A single-flowered garden rose named Blush Rambler has been awarded a gold medal by the National Rose Society. It was secured by crossing Crimson Rambler with The Garland. It bears a profusion of soft blush-pink flowers, each with a small central cluster of yellow stamens. The flowers do not fade off to mauve, as so many of a similar color do, but turn to a paler shade of blush before falling.

Begonia Marie Bouchet has been given an award of merit by the Royal Horticultural Society. It is a free-growing begonia that is suitable for basket culture by reason of its long, slender growths. It has scarlet flowers, that are double, but the central segments are curiously waved and twisted, making a distinct elongated rosette that is quite distinct from the usual style of doubling.

The Review is worth a good deal to me; I would not know how to get along without it.—Geo. O. Klein, Beards, Ky.

The adv. in the Review sold the carnation plants.—Jos. Heinl, Jacksonville, Ill.

Here's another dollar; we can't do without the Review.—W. G. Payne, Girardsville, Pa.

Your classified advs. are certainly very productive of results. —Wm. Bierstadt & Son, Springfield, Ill.

We like the Review better than ever and would not want to do without it—Wm. Dyer, Three Rivers, Mich.

We have found our advs. in the Classified department of the Florist's Review the best investment we can make. We are completely sold out of stock.—Ray H. Palmer, Randolph, N. Y.

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G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

GEORGE REINBERG
51 Wabash Ave., **CHICAGO.**

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2.50	$20.00
Mrs. Lawson	2.00	17.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
Wm. Scott	1.50	12.50
Flora Hill	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2.00 per 100; $15.00 per 1000.

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

CINCINNATI.

The Market.

Business was none too good during the past week; in fact, it was very poor and reminded one of the summer conditions. The wholesale men had plenty of time to rest and the retailers had little else to do save get out their bills and try to collect. Society has been very quiet. Luckily the supply of stock has been only medium, otherwise there would have been a glut. Chrysanthemums being about out of the market, what few there were sold readily. Carnations were very scarce and, notwithstanding that the demand was not large, many more could have been used. Roses were equal to the demand, but the supply of good stock was not large. Seconds were in oversupply. American Beauties are now coming in larger quantities and there is a good demand for them. Violets are very good property and sell out quickly at increased prices. There is a good demand for callas but very few to be had. Prices on all kinds of stock are rising. The temperature has been low for this season of the year, but it is rising now and warmer weather is promised. This may help rush on a crop for Christmas.

Various Notes.

Saturday is meeting night for the Florists' Society. Several matters of importance will be brought up.

Karl W. Heiser has opened a retail store at Hamilton, O.

B. P. Critchell and Frank Huntsman are both on the sick list, but are doing nicely and will be about again in a few days.

The Rosebank Co. has been showing some very dainty window decorations lately and they have been very much admired.

The two Avondale florists, Rusconi & Myers and Miss E. Kyrk & Co., are both hustling for the trade of that suburb. Their stores and windows are arranged in the best of taste and both firms are doing good business.

J. A. Peterson is sending in some fine valley, also baby primrose and Primula obconica, which sell on sight at 50 cents and $1 per hundred respectively.

Some orange yellow cosmos which is quite a novelty is being cut by Critchell. This sells well but not at a price high enough to make it a paying crop.

Holly is now being received in large quantities and was never better; $4 per crate is being asked for the best, but no orders are being turned down at $3.50. Club moss is very scarce and $10 per crate is asked, with none to fill orders. In many instances arbor vitæ is being used as a substitute. C. J. Ohmer.

Tunkhannock, Pa.—This is a town of about 2,500 inhabitants and not a large flower consuming community. F. P. Avery, a member of the S. A. F., has two small greenhouses, and a field of about seventy varieties of peonies, some twenty-five varieties recently planted. The past season his nymphaeas made a grand show and he had a nice display of rare dahlias.

Am well pleased with the Review and consider it one of the most progressive of trade papers.—George Smith, Manchester, Vt.

Indianapolis

THE BEST
BRIGHT PINK CARNATION
IN SIGHT. IT NEVER BURSTS.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

COME AND SEE IT GROWING.
YOU WILL WANT TO GROW SOME OF IT YOURSELF.

$2 50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH,

330 West 38th Street,

INDIANAPOLIS, IND.

CARNATIONS

In placing your orders for 1904 Novelties, remember the two Greatest WHITE CARNATION NOVELTIES ever offered to the trade.....

Lady Bountiful and The Belle.

FOR EARLINESS--We beat them all. FOR QUALITY--We lead.
FOR QUANTITY--We have the Commercial White Carnations.

GROWTH and **HABIT** are just right, none better, and when we say they are no croppers, but early and continuous flowering, we mean—they commence with the earliest, if not before all others, and continue so without cessation throughout the entire season. They are easy doers, thriving well under ordinary conditions and respond readily to good treatment. They are also easy propagators and will be found most satisfactory varieties in every way.

Our large stock still enables us to offer some February delivery.

Price — $12.00 per 100; $100.00 per 1000; 2500 at $95.00 per 1000; 5000 at $90.00 per 1000.

We also offer a set of five distinctly novel Carnations. The combination of colors is most beautiful and very attractive. For full description and prices send for our **Descriptive Price List.** **We can also supply all the leaders of the 1904 Novelties at introducers' prices.**

In making up your list of 1904 wants, do not forget we can supply the **best of the 1903 Novelties and also of the Standard Varieties in select, graded, well rooted cuttings** at prices consistent with well grown stock.

ASPARAGUS COMORENSIS. We have only a few hundred of the 3½-inch size left. **Well grown stock, $12.00 per 100.**

Sand for our Descriptive Price List for 1904.

F. DORNER & SONS CO., La Fayette, Ind.

"AMAZE"

Jerome A. Suydam's Grand, New, Red Carnation.

A free cropper, of brilliant color, a wonderful bloomer, its lasting qualities unequalled. The brighter the sun the more brilliant the color. No shading in yard or house ever required.

LOOK FOR OUR EXHIBIT at the CONVENTION in DETROIT.

Visitors Welcome — Remember the Address

JEROME A. SUYDAM, FLATBUSH, N. Y.

Orders may also be sent to

SLINN & HUGHES, Wholesale Florists, Coogan Bldg., New York City.

Rooted Cuttings, ready Feb. 1st, 1904, $10.00 per 100; $75.00 per 1000

CASH WITH ORDER

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Alhatross, Lady Bouutiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.

LARGE ARECA LUTESCENS PALMS.

Several plants to pot 6½ to 7 ft. high $12.50 per plant. Several plants to pot, 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6 inch pots, 2½ ft. high, $9.00 per doz. plants. 2 and 3 plants in 4-in. pots, 18 to 22 inches high $1.00 per doz. plants.

LATANIA PALM PLANTS.

8-inch pots, 1 plant to pot, 8 to 10 leaves $18.00 per doz. plants. 6-inch pots, 1 plant to pot, 7 to 9 leaves, $9.00 per doz. plants. 6 inch pots, 1 plant to pot, 5 to 7 leaves, $6.00 per doz. plants.

Kentias, Pandanus, Boston Ferns, etc.
Prices on application.

J. W. COLFLESH,
53rd St. and Woodland Ave. **Philadelphia, Pa.**

Mum Stock Plants.

Strong Plants — carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

LOUISVILLE, KY.

The regular periodical meeting of the Kentucky Society of Florists was held on Tuesday evening, December 1, with a large number of members present. Eight new members were elected and will be initiated on the first Tuesday in 1904. The officers for the ensuing year were elected, as follows: President, Jacob Schulz; vice-president, Herbert Walker; recording secretary, George J. Schulz; financial secretary, Joseph Coenen; treasurer, H. Kunzman; sergeant-at-arms, Adam Heitz; trustee, Henry Fuchs; auditing committee, Messrs. Mann, Schulz and Heitz. There is much interest in the society and we are working to strengthen the organization and work up a fund so that some day we may invite the American Carnation Society or the Society of American Florists to come to Louisville for their annual convention.

Trade was not very brisk just after Thanksgiving. There are still chrysanthemums in the market, but they are nearly gone. Carnations are of greatly improved quality. Louis Kirch, among others, is cutting some fine blooms.

ORANGE, N. J.

The regular monthly meeting and exhibition of the New Jersey Floricultural Society was held at their rooms in Orange. Rose Mrs. Pierpont Morgan was shown by Peter Duff in its perfection, receiving 90 points. Lager & Hurrell had orchids, cattleyas, cypripediums and dendrobiums, which received a first-class certificate. A certificate was given to John N. May for his new rose, displayed at the November meeting.

In the contest for the past year, for four silver cups, Malcolm Macrorie was declared the winner for plants, receiving 904 points; George Smith for fruits, receiving 600 points, and Peter Duff for flowers and vegetables, receiving 904 and 850 points, respectively. The cups were presented by Austin Colgate in the name of the several patrons of the society.

In the annual election following, George Smith was re-elected president unanimously; Dietrick Kindsgrab, vice-president; William Bennett, secretary, and Malcolm Macrorie re-elected treasurer; W. Ashmead, Edwin Thomas and Isaac Vance were elected as an arbitration committee. J. B. D.

Sprengeri Plants.

Well grown, ready for

3 -inch pots	$3.50 per 100	$30.00 per 1000
4½-inch pots	5.00 "	45.00 "
6 -inch pots	10.00 "	85.00 "

Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000
Enchantress	6 00 "	50.00 "
Lawson	3 00 "	25.00 "
Prosperity	3.00 "	25.00 "

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3.50 per 100	$30.00 per 1000
3 -inch "	6.00 "	55.00 "

SAMUEL S. PENNOCK,

1612 Ludlow St., Philadelphia.

LILY OF THE VALLEY

ARRIVED IN FINE CONDITION. We offer a limited amount of the finest in the market for **early forcing,** $14.00 per 1000; $35.00 per case of 2,500; $1.50 per 100. This stock is unsurpassed, and nothing better to be had.

BRUNS' EXTRA FINE BERLIN PIPS, for early forcing, are almost equally as good, and always give satisfaction; $12.00 per 1000; $30.00 per case of 2,500; $1.25 per 100. **Cold Storage Valley,** $15.00 per 1000; $1.75 per 100.

FINEST CUT VALLEY ALWAYS ON HAND

H. N. BRUNS,

VALLEY SPECIALIST,

1409-1411 W. Madison St., CHICAGO

Mention the Review when you write.

CHRISTMAS PLANTS

PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, IMPORTER AND WHOLESALE GROWER

TROY HILL, ALLEGHENY, PA.

Mention Review when you write.

FERNS.

In order to get the room for other stock will make the following low prices on Ferns, etc.:

	Per 100
Bostons—2½-inch	$ 5.00
" 3-inch	10.00
" From bench, ready for 4-in.	12.00
Anna Foster—From bench, ready for 2½ and 3-in. pot	5.00
Neph. Cordata Compacta, 2-in.	3.00

Fancy Ferns for Dishes.

A. Pubescens, P. Sieboldii, P. Ouvrardi, P. Cretica Albo-Lineata, P. Adiantoides, P. Serrulata Cristata, P. Wimsetti, Asp. Tsussimense, per 1000, $20.00.

Asparagus Plumosus—2-in., per 100,	$3 00
" **Sprengeri**—2-in., "	2.00
Baby Primroses—2-in. "	2.00
Coleus—In variety, 2-in. per 1000,	10.00

The above stock is in good condition, and guarantee the same to please. Cash or satisfactory reference from unknown parties.

GEO. L. MILLER CO., Newark, Ohio.

Mention Review when you write.

A FINE LOT OF

FERNS,

Assorted Varieties, in 2½ and 3-inch pots, **$2.00** per 100.

Wagner Park Conservatories

SIDNEY, OHIO.

Mention the Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Stock Plants--Chrysanthemums

	100	each
Appleton, Mrs. Coombes, Nellie Pockett, Eaton, Chadwick, Estelle (best early white)	$8.00	.10

	100	doz.
Golden Wedding, Murdock, Robinson, Henderson, Polly Rose, Pacific, White and Yellow Jones	$5.00	.75

All strong plants from bench

Cyclamens--Best Giant Strain--Fine Christmas Stock in Bud and Bloom.

4-inch	$1.00 per doz.	$ 7.00 per 100
5-inch	2.00 "	15 00 "
6-inch	4.00 "	25.00 "

No order filled for less than $1. Cash, please.

CRITCHELL'S

AVONDALE - - - - CINCINNATI, OHIO.

Mention the Review when you write.

DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention the Review when you write.

Chrysanthemums! Bona Fide Novelties.

The following varieties originated with us and possess special merit for commercial purposes.

MRS. NATHAN SMITH, MISS HELEN FRICK, SUNBURST, UNCLE JOHN, GOLDEN AGE.

We have all those BIG ONES for exhibition purposes, INCLUDING THE AUSTRALIAN, ENGLISH AND FRENCH NOVELTIES. The facts are we can DO YOU RIGHT in Chrysanthemums, any kind or for any purpose. We have THEM ALL. Description and prices on application.

Nathan Smith & Son, Adrian, Mich.

Mention Review when you write.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

Chrysanthemum Stock Plants.

Lady Harriett, Halliday, R.H. Pearson, Viviand-Morel Robinson, Col. Appleton Timothy Eaton, Fee du Champsaur, White and Yellow Jerome Jones, Golden Wedding, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8.00 per 100. Yellow Eaton, Chadwick, Marie Liger, Louis Leroux Columbia, Berlioz and Baden Powell, $10 00 per 100. Ivory, Parr and Park, $5.00 per 100.

Boston Ferns. 7-inch, $1.00 each; 8-inch, $1.25 each; 9-inch, $1.50 each.

Cash or C. O. D.

W. J. & M. S. VESEY - FT. WAYNE, IND.

NEW CHRYSANTHEMUM

STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell, Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Uwanta. The above 25c each, $2.50 doz.

Oresco, Bentley, Iolantha, Bruant, Lady Harriet, Robert Halliday, Polar Queen, Mrs. Barclay, Yanariva, 15c each, $1 50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, October Sunshine, Xeno, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

STOCK MUMS

Strong and Well Furnished

White: Kalb, Queen, Bergmann, Robinson, Willowbrook Ivory, Eaton. Pink. Pacific, Shaw, Dean, Perrin, Superba, Lavender Queen, Yellow, Whilidin, Wedding, $5.00 per 100. Chamberlain and White Bonnaffon, $10.00 per 100.

Rose Cuttings—American Beauty, $3.00 per 100; Bride, Ivory, Gate, Maid, Meteor, $1 50 per 100; Brides from 3-in. pots, $4.00 per 100; $37.50 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

'Mums STOCK PLANTS

R. Halliday, Appleton, Golden Wedding, Y. Bonnaffon, Yellow Jones, Glory of Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, White Bonnaffon, Timothy Eaton, White Jones, Chadwick; 75c doz.; $5 00 100.

G. M. NAUMANN, 1537 Doan Street CLEVELAND, O.

Mention the Review when you write.

CHRYSANTHEMUMS

THE FINEST NOVELTIES AND ALL THE LEADING PRIZE WINNERS.

MRS. H. W. BUCKBEE—Niveus X Mrs. Henry Robinson, a fine pure white for all purposes. C. S. A. Certificate scoring 91 points.

ROCKFORD—Mrs. Henry Robinson X Col. D. Appleton. Incurved, yellow, fine habit; a grand commercial variety. At its best Oct. 20th. C. S. A. Certificate scoring 88 points. Prices of above 50 cents each. $5.00 per dozen, $35.00 per 100.

All the Best Australian and Other Introductions.

S. T. Wright at $1.00 each; William Duckham, everybody's choice as the best Mum to date at 75 cents each, $7.50 per dozen, $50.00 per 100.

Maynell, Donald McLeod, Henry Barnes, Harrison Dick, Leila Filkins, Pantia Ralli, W. A. Etherington, Miss R. Hunt, Esther Edwards, at 50 cents each, $5.00 per dozen, $35.00 per 100.

H. W. Buckbee—The best commercial yellow for Thanksgiving, at 15 cents each, $1.25 per dozen, $8.00 per 100.

And all the leading Commercial and Exhibition varieties. Prices on application. Select young plants from 2-inch pots.

Orders are now being booked, and will be filled in rotation, as received. Delivery after March 1st.

Forest City Greenhouses
Rockford Seed Farms

H. W. BUCKBEE, Rockford, Ill.

Mention the Review when you write.

"ESTELLE," The Money Maker.

GET TRUE STOCK FROM THE ORIGINATOR.

H. M. Altick, Dayton, O.:

Dear Sir:—In regard to your "ESTELLE" CHRYSANTHEMUM, we wish to say that we grew 500 Blooms this season, and they were the finest White "Mums" in the Columbus market, much larger and fuller blooms than "Polly Rose." We sold the entire cut at $1.00 per dozen. We will plant 1000 next season. (Signed), THE LIVINGSTON SEED CO., Columbus, Ohio.

Strong Stock Plants.....$1.50 per Dozen

H. M. ALTICK, - - - Dayton, Ohio.

Mention the Review when you write.

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

MUM STOCK PLANTS.

Halliday, Coombea, Adrian, Robinson, Cadbury, Chadwick, Yanariva, R. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each; large stock. Alice Byron, Mrs. F. J. Tranter, F. J. Taggart, Gold Mine, 15c each; stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.

W. A. CHALFANT - Springfield, Mo.

Mention Review when you write.

Extra Special Offer:

R. C. Gov. Wolcott, finest white carnation grown, $35.00 per 1000. R. C. Enchantrese, finest light pink carnation grown.....$50.00 per 1000. Lawson, $20.00 per 1000.

30,000 strong, healthy plants of the above to propagate from.

Mum Special:

Stock plants of Liger, Richardson, Yellow Eaton, Chautauqua Gold, while they last, $1.50 per doz.; $10.00 per 100. Chadwick, Yellow Chadwick, Eaton and other standard sorts, 75c per doz.; $6.00 per 100. Order now. Stock shipped as soon as varieties are cut out.

POEHLMANN BROS. CO., Morton Grove, Ill.

Headquarters for finest cut American Beauties.

Mention the Review when you write.

The E. G. HILL CO.'S OFFER OF GERANIUMS! GERANIUMS!

We have houses full of all the FINEST and MOST SELECT VARIETIES of the VERY CHOICEST GERANIUMS.
This offer is for YOUNG ESTABLISHED PLANTS from 2½-inch pots.
Don't bother to get rooted cuttings. The losses are too great. Get our fine young plants.

The following at $2.00 per 100; $20.00 per 1000:
S. A. Nutt, Richard Brett, La Favorite, Mrs. J. M. Gaar, Mrs. E. G. Hill, Alice of Vincennes, Precurseur, Jean Viaud, Jacquerie, Richelieu, Ville Poitiers, Marvel, A. Ricard.

The following magnificent sorts at $2.50 per 100; $22.50 per 1000:
Gen'l Leonard Wood, Mme. Abbema, Mme. Cibiel, Richmond Beauty, Le Soliel, M. Canovas, Mons. P. Blondeau, Fleur Rose, Beaute Poitevine, Countess de Harcourt, Jean Madeline, Tamatave, Le Constable, Louis Francoise, Bellerphon, Clyde, Mme. Landry, Decorator, Thos. Meehan.

Marquis Castellane.
This is unquestionably the finest of all bedding geraniums. Better than Nutt or Trego. Fine also for pots. $3.00 per 100.

Mme. Trego.
Fine scarlet, good for pots, $5.00 per 100.
Happy Thought, coming back into popular favor, $3.00 per 100.
Mrs. Pollock, fine old tricolor, $1.00 per 100.
Mountain of Snow, finest silver leaf, $1.00 per 100.
Prince Bismarck, very scarce and the best bronze, $5.00 per 100.

Our unequaled collection of
IVY Geraniums.
$3.00 per 100; $25.00 per 1000.

Incomparable,	Achievement,
Chas. Monselet,	Joseph de Maistre,
Chas. Turner,	Le Printemps,
La Foudre,	Galilee,
Eden Machi,	Baden-Powell,
Mrs. J. G. Day,	Mrs. Hawley.

Beauty of Castle Hill.
Leopard, $5.00 per 100.

ALL THE ABOVE READY NOW.

A CHARMING LOT OF NOVELTIES will be priced and described in our January list.

The E. G. HILL CO., - - RICHMOND, IND.

Mention the Review when you write.

UTICA, N. Y.

The Utica Florists' Club holds its meetings on the first Tuesday of the month in rooms in the Mannerchor building. Our last meeting was very well attended. Two new members were elected and three proposed. We have now about fifty-five members and still there are more, and we want them, but they are coming our way all right. It was decided at this meeting that we hold a carnation meeting some time in February, the date to be decided later. There are a great many carnations grown hereabouts and it ought to bring out a good show of kinds that are being grown today, as well as the new ones. It was decided to open the show to our friends by invitation.

Baker & Son say that Thanksgiving trade was good and I think it was generally so, but a shortage of carnations all around. Their place is looking fine.

Wm. Scott, of Buffalo, will be in Utica on December 16 to talk to the Utica Florists' Club on what he knows about carnation culture and every member of the club should make an effort to hear him, as he is a good talker and writer, as we all know who read the Review. This will be a grand opportunity to get acquainted with him.

Trandt & Powers, of Canajoharie, were in town last Tuesday; Mr. Byam, of Rome, on Friday, and Mr. Hakes, of Ilion, on Tuesday.

W. A. Rowlands has gone to New York and I think when he comes back he might tell us something. Just wait and see, boys.

A party of Utieans is expecting to go to Syracuse soon to see Flamingo at home. Bard, keep an eye on them and see that they do not get away before visiting Quinlan's.

Peter Crowe left on Friday for Erie, Pa.

Brant Bros.' stock is looking fine but a little off crop. U. T. K.

ST. PAUL, MINN.—The receipts of the recent flower show were in excess of $2,000, which will leave a substantial balance and probably insure a successful show for next year.

...SOME OF...

Ball's Palms

FOR XMAS—SPECIAL OFFER

Areca Lutescens—Several plants together, bushy and strong.

4-in. pots,	18 to 20 in.	from ground	$0.25	8-in. pots,	36 to 42 in.	from ground	$2.00
5-in. "	20 to 24	" "	.50	10-in. "	50 to 60	" "	5.00
6-in. "	24 to 30	" "	.75	10-in. "	55 to 60	" "	6.00
6-in. "	30 to 36	" "	1.00	10-in. "	60 to 72	" "	7.00

Latania Borbonica—Excellent Stock.

4-in. pots,	2 to 4	characterized leaves	$0.20	6 in. pots,	5 to 6	characterized leaves	$0.75
6-in. "	4 to 5	" "	.50	8-in. "	7 to 9	" "	good 1.50

Cocos Weddeliana.
2x3-in. pots, 6 to 8 inches above pot $0.10

FOR FULL LINE OF PALMS SEND FOR PRICE LIST.

CHAS. D. BALL,
Holmesburg, - - Philadelphia, Pa.

Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.
Mention the Review when you write.

Peacock's ....Dahlias
For plants or bulbs address
W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.
Mention Review when you write.

Geraniums.
Rooted Cuttings. Enough to supply half the United States.
Buchner, best double white, $1.50 per 100; $10.00 per 1000. **Jean Viaud**, best double pink, $1.50 per 100 $10.00 per 1000. **In assortment**, my selection, all labeled, $1.50 per 100; $12.50 per 1000. These prices good only until Dec. 12th.
ALBERT M. HERR, Lancaster, Pa.
Mention the Review when you write.

WE MUST HAVE ROOM.
Double Alyssum 3-in., $2.50 per 100. **Hydrangeas**, field-grown, 8 to 12 flowering shoots, $15.00 per 100. **Jerusalem Cherries**, dwarf, bushy, well berried, 6-in. pots, $2.25 per doz. **500 Wm. Scott Carnation Plants**, from field, make me an offer for the lot; or $3.50 per 100. **Boston Ferns**, very bushy, 5 in. pots, $2.50 per doz.; 6-in., $4.00 per doz. **English Ivy**, field-grown, $4.00 per 100. **Violets**, field-grown, large plants, California $4.00; Campbell $3.00 per 100. Cash please.
Converse Greenhouses, Webster, Mass.
Mention the Review when you write.

CHINESE PRIMROSES!
In bud and bloom, 4-in. $6.00 per 100.
Primula Obconica—In bloom, 4-in., $6.00 per 100; 3-in., $3.00 per 100; 2¼-in., $2.00 per 100, 300 for $5.00. **Cinerarias**—2¼-in., $2.00 per 100, 300 for $5.00; 3-in., $3.00 per 100. **Asparagus Sprengeri**—4-in., $6.00 per 100.
C. WHITTON, City St., Utica, N. Y.
Mention Review when you write.

Asparagus Sprengeri,
2-inch.....$1.20 per 100.
Smilax, 2-inch.....$ .75 per 100
Dracaena Indivisa, 2-inch..... 2.50 "
Cryptomeria Japonica, 2-inch .. 5.00 "
E. I. RAWLINGS, Quakertown, Pa.

Field-Grown Roses

Our strong, stocky, Northern-grown rose bushes are the kind that successful florists prefer for forcing. They are sound, hard and well ripened and contain stored-up vigor that makes healthy growth and fine flowers. Our stock this year is even more than usually fine.

BUDDED PLANTS marked † On OWN-ROOTS *

The following, $15.00 per hundred:

†American Beauty, *Crimson Rambler, XXX, 4-6 feet,
*†Dorothy Perkins, †Earl of Dufferin, †Gloire Lyonaise, †Harrison's Yellow, †La France,
†Mrs. Sharman-Crawford, †Persian Yellow, *†Prince Camille de Rohan, *†Ulrich Brunner.

The following, $12.00 per hundred:

†Alfred Colomb, †Anne de Diesbach, †Baron de Bonstetten, †Clio, *†Coquette des Alps, *Coquette des Blanches, †Countess de Serenye, †Chas. Lefebvre, †Gen Jacqueminot, *†Gen. Washington, *†John Hopper, *John Keynes, †Mme. Gabriel Luizet, *Mme. Georges Bruant, *†Marchioness of Lorne, *†Margaret Dickson, *†Oakmont, *†Paul Neyron, †Victor Verdier.

The following, $10.00 per hundred:

*Caprice, *Caroline Marniesse, *Caroline de Sansel, *Jules Margottin, *La Reine, *†Magna Charta.

Please state when ordering whether budded or own-root plants are preferred and give second choice of varieties in case first selection should have been sold.

HYDRANGEAS.

With 5 to 7 flowering crowns.

OTAKSA, THOMAS HOGG. Stocky open-air plants, suitable for 6-inch pots, **$10.00 per 100; $15.00 for 500.**

ASPARAGUS strong stock from 2½-in. pots.

SPRENGERI. 2½-inch, ready for 3½-inch, $2.00 per 100; $17.50 per 1000.

Kentia Seeds.

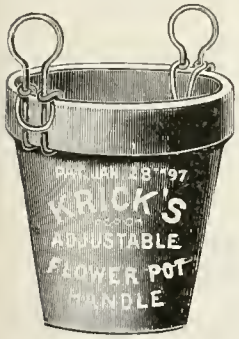
DIRECT IMPORTATION. IN PERFECT CONDITION.

Belmoreana, $3.50 per 1000; **$30** per 10 000
Forsteriana, $2.50 per 1000; **$20** per 10,000

JACKSON & PERKINS CO., NEWARK, New York.

THE PERFECT

Flower Pot Handle and Hanger



Is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc. Will sustain a weight of 100 lbs.

No. 1 will fit from 2 to 5-in. pots, per doz., **30c.** No. 2 will fit from 5 to 8-inch pots, per doz., **40c.** No. 3 will fit from 8 to 12-in. pots, per doz., **50c.**

Postage, 10c extra per doz. Sample pair, **10c** postpaid.

For sale by all Florists' Supply Dealers.

W. C. KRICK

1287 Broadway,

Brooklyn, - New York

Mention Review when you write.

Geraniums and Miscellaneous Stock.....

FROM 2½-INCH POTS. GOOD STOCK.
Not less than FIVE of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2 50
Ageratum, Stella Gurney and white,	40c	2.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Coleus, in variety.....per 1000, $15 00,	40c	2.00
Chrysanthemums, Hardy Pompons, over 60 varieties. Orders booked now for spring delivery. Send for list.		
Forget-Me-Nots, large flowering....	45c	3.00
GERANIUMS, such varieties as Centaur, Gilean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc.....	40c	2.00

	Per doz.	Per 100
Grasses, Erianthus Ravennae, Eulalia Striatus, Gracillima Univittata and Japonica Zebrina.....		$5.00
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings..		.75
Heliotrope, in variety	40c	2 00
Hibiscus, in assortment	60c	4.00
Holt's Mammoth Sage, per 1000 $15 00,	40c	2.00
Lemon Verbena.... ...per 1000 $20 00	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
Parlor Ivy	40c	2.00
Pilogyne Suavis	50c	2.50
Smilax.... .....per 1000 $15 00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2 00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2 50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON, White Marsh, Maryland.

SMALL FERNS for Fern Dishes Strong plants in 2¼-inch pots, at $3.00 per 100, $25.00 per 1000.

PRIMULAS. **OBCONICA GRANDIFLORA, ALBA, ROSEA and FIMBRIATA,** strong plants, 2½-inch pots, $3.00 per 100; $25.00 per 1000. Cash.

OECHSLIN BROS., 1688 W. Madison St., Chicago.

HOLIDAY FERNS

Bostons and Piersoni in all sizes, pot grown, from 2½ to 10-inch. Nothing gives a customer better satisfaction for Christmas than one of these fine Ferns. We also have still a few Primula Obconica and Cinerarias ready for 4-inch, which we quote at $5.00 per hundred, subject to being unsold. Get in your orders early. Write:

GEO. A. KUHL, Pekin, Ill.

Mention the Review when you write.

SOUTHERN WILD SMILAX

Facilities unsurpassed. Supply ample. **50 pound case $2.00**

Long Needle Pines, per 100, $5.00. Magnolia Foliage same as Smilax. Leucothoe Sprays, per 1000, $2.00.

YOU HAVE TRIED OTHERS, WHY NOT TRY US? NOW IS THE TIME TO PLACE XMAS ORDERS.

J. BRUCE AIREY & CO., - - Evergreen, Ala.

Mention Review when you write.

FLATBUSH, N. Y.

A brief visit at the carnation factory of Jerome A. Suydam developed a hearty welcome and a most interesting sight in the way of new carnations, to which nearly 20,000 square feet of glass is devoted. Here is the home of Amaze, the fine red that amazed the conventionists last February, which will be on exhibition again at Detroit in March. Mr. Suydam has fourteen new varieties, and in fact the entire plant is devoted to his own creations, with the exception of Cerise Queen, Lawson, Scott and Genevieve Lord. This house of Scott is the best of this grand old variety I have seen in an age. The stock here is all wonderfully healthful, not a sign of stem-rot being seen anywhere. His new white seedling will not be sent out until next season. One house is entirely devoted to it and the flowers of this variety and Amaze command high prices in the New York wholesale market. Amaze is a wonder in color, size of flower, profuse blooming and lasting qualities. A grand dark variety, a cross of Amaze and Roosevelt, promises to make a sensation when introduced. It is the best of five new dark ones and easily averages three inches in diameter. A new pink, a cross of Scott and Prosperity, is a very large flower of great merit.

Flatbush is growing rapidly towards these "outskirts" where Mr. Suydam resides and soon the festive trolley will make it easy for visitors to see these novelties at home. John McCormick, the foreman, has been in charge here for fourteen years. J. Austin Shaw.

OCEANIC, N. J.

The regular monthly meeting of the Monmouth County Horticultural Society was held at Oceanic, N. J., December 4, with President Turner in the chair. The discussion of the evening was "Subsoiling," in which most of the members took part. The nomination of officers took place and the following members were nominated: For president, Wm. Turner; vice president, Geo. Hale; secretary, H. A. Kettel; financial secretary, Geo. Kuhn; treasurer, W. W. Kennedy. For the last show $325 in prize money was paid and a goodly balance left on hand. Geo. Hale treated the boys to a box of cigars. All in all it was the liveliest meeting held in a long time. B.

Please stop my advertisement for the present. Have done even better than I hoped; will be with you again soon.—S. J. Galloway, Eaton, Ohio.

NICOTICIDE

BUG-KILLER

WILL ENSURE YOUR HAVING A

MERRY XMAS!

Free from worry about Greenfly or any other Bug.

The Tobacco Warehousing and Trading Co., Louisville, Ky.

Mention Review when you write.

BOSTON FERNS.

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

PIERSONI FERNS, young plants from bench, $15.00 per 100; 2½-in., $20.00 per 100; 4-in., 50c each; 5-inch, 75c each. Also bench-grown **Bostons**, in all sizes. All stock extra fine.

Cash with order.

DAVIS BROS., Geneva, Ill.

Asparagus Plumosus Nanus Strong Plants

3-inch.....$1.20, per doz. $8.00 per 100
4-inch..... 1.50 " 10.00 "

Asparagus Sprengeri—4-inch, $1.00 per doz.; $8.00 per 100. **Chinese Primroses**—In bud and bloom, single and double, mixed, 4-inch, $1.50 per doz.; $10.00 per 100.

JOHN R. SHREINER, Lancaster, Pa.

Mention Review when you write

Pansy Plants.

Fine plants.....50c per 100 $2.50 per 1000

PRIMROSES.

Chinese and Obconica, 2¼-in. pots...$1.25 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "

JOS. H CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, - 334 Dearborn St., Chicago.

HOLLY

Best that the market affords.

Place your orders with us and you will not be disappointed.

C. C. POLLWORTH CO., Milwaukee, Wis.

Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box or 12 rolls. *All dealers sell it!*

Nicotine Mfg. Co.
St. Louis, Mo.

CUT FLOWER BOXES.

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4 x20..	$2.00 per 100;	$19.00 per 1000
" No. 1	3x4½x16..	1 90 "	17.50 "
" No. 2	3x6x18....	2.00 "	19.00 "
" No. 3	4x8x18....	2.50 "	23.00 "
" No 4	3x5x24....	2.75 "	26.00 "
" No. 5	4x8x22....	3.00 "	28 50 "
" No. 6	4x8x28....	3.75 "	36.00 "
" No. 7	6x16x20...	5.50 "	54.00 "
" No. 8	3x7x21....	3.00 "	28.50 "
" No. 9	5x10x35...	6.50 "	62.00 "
" No. 10	7x20x20...	7.50 "	67 00 "
" No. 11	3½x5x30..	3.00 "	28.50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.
Box 104.

AMERICAN FLOWER and TREE TUB.

Made from Everlasting CYPRESS

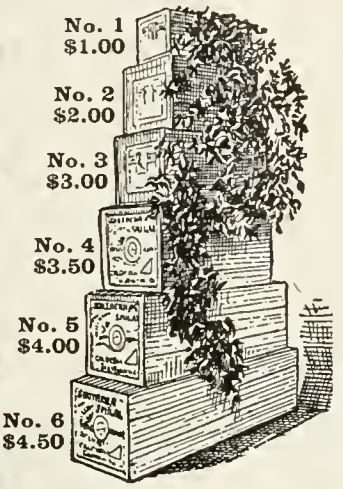
Various sizes, green or natural finish. Castings black.

Feet and bolts packed inside tubs for shipment.

We also have the neatest **Plant Stand** on the market.

Send for Catalogue C905.

American Wooden Ware Mfg. Co., Toledo, Ohio



Caldwell's Kwality Kounts Brands Southern WILD SMILAX.

Terms—Cash with orders from unknown correspondents.

And we will do it again! What?

WHY--FILL ALL OF YOUR ORDERS AT ALL TIMES

SO WILL OUR AGENTS:

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
GEO. M. KELLOGG, Kansas City, Mo.
REED & KELLER, New York City.

A full supply always on hand at these points and prices same as ours -- plus cost of carriage.

Caldwell The Woodsman Co.
EVERGREEN, ALABAMA.

"IT BEATS THEM ALL."

"THE MODEL" GLAZING POINT.

Pat. Nov. 25, 1903 No Rights or Lefts.

Zinc. Practical. Durable.

By Mail, package of 1050 points, 45c.

Western Agent, Vaughan's Seed Store, Chicago.

THE PARKER-BRUEN MFG. CO.,
(Inc.) Mfg. Model Extension Carnation Support.
206-8 Jersey St., Harrison, N. J.
Mention the Review when you write.

J. L. ELLIOTT,

Pure Pulverized Sheep Manure and Unleached Hard Wood Ashes

for sale by the **BAG, TON OR CARLOAD.**

Send for sample and price list.

Office: 120 E. 3rd St., Factory: 8 Mechanic St., **So. Bethlehem, Pa.**

Mention the Review when you write.

KRAMER'S POT HANGERS.

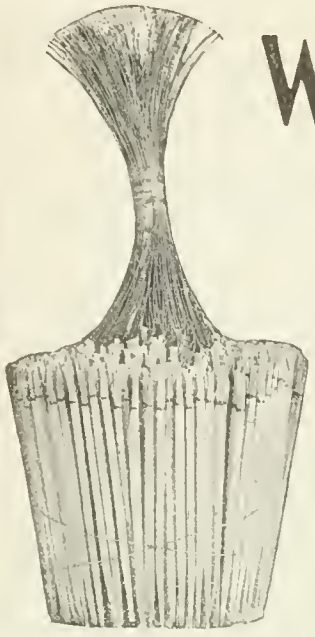
Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

I. N. Kramer & Son
CEDAR RAPIDS, IA.

For sale by the E. F. WINTERSON CO., CHICAGO; C. C. POLLWORTH CO., MILWAUKEE, WIS.; VAUGHAN'S SEED STORE, NEW YORK and CHICAGO.
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.



WIRED TOOTHPICKS

Price per box of 10,000, $1.50.

This quantity, in two packages, can be sent by mail to distant states for **75c.**
Box of 50,000 (weighs 30 lbs.) **$6.25** F. O. B. Berlin, N. Y.

FOR SALE BY THE LEADING SUPPLY DEALERS.

MANUFACTURED BY

W. J. COWEE,

BERLIN, N. Y.

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CLEVELAND.

The Market.

The demand for cut flowers has been steadily increasing, and the prices are firm as last quoted. Trade so far this season is not to be compared with that of last year, but we are all hoping for a good holiday business.

Roses can be had to fill all demands, but carnations are not so plentiful, and at times it takes lots of hustling to fill orders.

Notes.

C. M. Wagner has had a beautiful window of Chatenay and Sunrise roses, both of which are somewhat new to Cleveland buyers, but Mr. Wagner says they are both good sellers.

Smith & Fetters show a red window, poinsettias, red Christmas bells and red immortelle wreaths. It was very attractive.

The Essex Greenhouses are sending in some very fine Beauties that find a ready sale at good prices.

Some fine Meteors were sent in by the F. R. Williams Co. this week. They grow 6,000 plants of it and have been very successful with it in the past.

Kirschner Bros. and Bramley & Son have been quite busy with funeral orders the past week. E.

SALEM, MASS.—Mrs. J. M. Julyn, at the Bridge Street Greenhouses, has recently installed a No. 4 boiler from Kroeschell Bros. Co., Chicago.

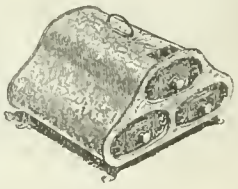
My stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

Two years ago we wrote you to discontinue the REVIEW until such time as McKinley's prosperity should strike the south, and as it has reached our corner now, we hasten to renew our subscription to your valued paper.—A. A. PANTET & Co., Fort Smith, Ark.

PROTECTION!!!

of your plants from freezing. This can only be done by using a celebrated

LEHMAN WAGON HEATER



200,000 are in use by **Florists**, horsemen, doctors and farmers. They burn **Lehman Coal** from which there is no smoke or danger), at a cost of less than ½c per hour. Can you afford to be without one?

For circular and price list write

LEHMAN BROS.
MANUFACTURERS,
10 Bond Street. NEW YORK.

J. W. ERRINGER,
General Western Sales Agent,
45 E. Congress St., CHICAGO, ILL.

...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

THE STANDARD,

The lighest running, most rapid and powerful Ventilating Machine in the market.

The DUPLEX GUTTERS,

Made of wrought or cast iron, with self-adjusting sash bar clips.

The only DRIP PROOF GUTTERS made.

Send for calalogue—free.

E. HIPPARD,
Youngstown, OHIO.

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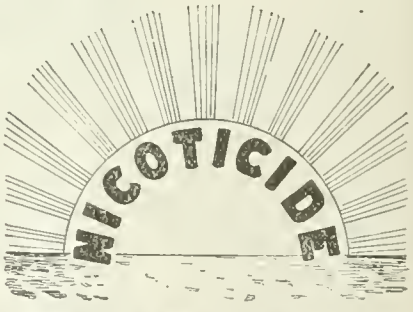

RESCUES THE BLOOMS ! FROM BUGS

Tobacco Warehousing & Trading Co., Louisville, Ky.

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Rustic Work

OF EVERY DESCRIPTION.

We are the largest manufacturers of rustic work in the United States. Special discount to the trade. Send for catalogue and prices. Special work made to order.

DUNNE & CO., 54 W. 30th St., New York.

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Duplicates of this cut sent postpaid on receipt of 75c.

WE MAKE printing plates of all kinds for CATALOGUES, BOOKLETS, PRICE LISTS, CIRCULARS, or any kind of advertising matter.

We can reproduce any good picture you send us.

Satisfactory work guaranteed.

LETTER HEADS, Catalogue Covers, Business and Show Cards A SPECIALTY.

Azalea.

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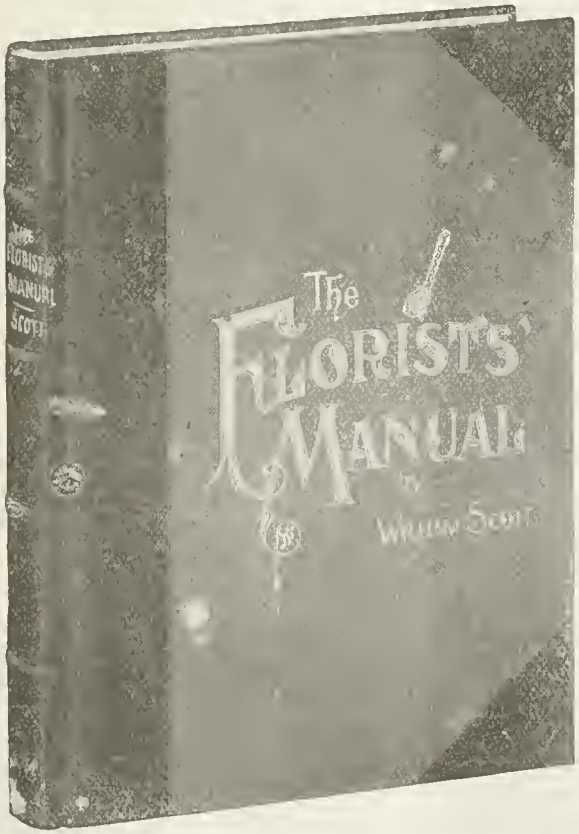
YOU WILL FIND THEM REASONABLE.

Dearborn Engraving Co., 302 Dearborn Street, Chicago.



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CHRISTMAS

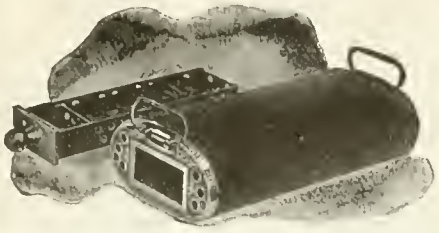
Present than a copy of this book -- a Business book for Florists.

Send us $5.00 and the name of the person whom you wish to receive the book. We will send it, express prepaid, in time to be delivered Christmas eve, and will at the same time send a letter stating that **YOU** ordered us to send the book with compliments of the season.

FLORISTS' PUBLISHING CO.

520 Caxton Bldg., 334 Dearborn St., **CHICAGO.**

Save Your Plants From Freezing.



USE A CLARK WAGON HEATER.

$2.25 and up, and lasts a life-time

....CLARK PREPARED COAL....

A GOOD, FAT, SOLID BRICK, that is absolutely reliable.

Costs one cent for eight hour's driving. No Flame, No Smoke, No Odor, No Gas—just heat—"concentrated heat." 75 cents a dozen cakes; $6.00 per hundred.

MUCH THE BEST THING ever offered to Florists at any price. Used by discriminating buyers all over the world.

SEND FOR CATALOGUE AND PRICES.

CHICAGO FLEXIBLE SHAFT CO., 100 LaSalle Ave., CHICAGO.

Mention the Review when you write.

CASSIA CORYMBOSA.

For covering bare walls or trellises in the greenhouse this plant is unrivaled and is of easy culture, says the Gardening World. The rich yellow flowers are borne in corymbs during the summer months, and are extremely useful for cutting purposes. The sprays should be cut eighteen inches long for placing in vases, as then the real beauty of the flowers is displayed to advantage. The plant attains to ten or fifteen feet in height, and if accorded liberal treatment soon covers the space allotted to it. Half-ripened shoots are plentiful at this time, and these strike root readily if inserted round the sides of four and one-half inch pots of rich soil composed of equal parts of loam, peat, and leaf-soil, with plenty of sharp sand added to make it porous. Plunge the pots in a hotbed or in the propagating pit and keep well sprinkled.

RECENT DECISIONS.

Judge Funk, in the Circuit Court at South Bend, Ind., has decided that the charging of demurrage for cars held over a stated length of time is legal. Judge Funk cited decisions in Illinois and Georgia, holding that freight in a car is as if stored in a railway warehouse and that the railways have a right to make the same rules governing both situations.

While the word "warrant," especially where the contract of sale of a chattel is reduced to writing, is most generally and appropriately used, still the term is not absolutely necessary to express a warranty by the seller, for the rule is well settled that in sales of personal property no particular form of words is essential to establish or constitute a warranty. Any positive representation, assertion or affirmation made by the seller during the pendency of the negotiations for the sale, not the mere expression of an opinion or belief, which fairly expresses the intention of the seller to warrant the article or property sold to be what it is represented, will constitute an express warranty.—Smith v. Borden, Supreme Court of Indiana. 66 N. E. 681.

FOND DU LAC, WIS.—E. Haentze's expenditure this season in enlarging and improving his plant was in the neighborhood of $16,000.

THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

DON'T LET YOUR ROSES MILDEW.

USE THE PEERLESS SULPHUR BLOWER.

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with testimonials on request.

If your seedsman does not handle it, order direct. Price $4.00 F. O. B Chicago.

EDW. E. McMORRAN & CO., 15-21 N. Clinton Street, CHICAGO.

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Florists' Foil AMERICAN BRAND

PLAIN, EMBOSSED, COLORED.

Violet and Rose Foil a Specialty.

MANUFACTURED BY The John J. Crooke Co. 155 to 163 Ave. D, NEW YORK. Established 1850 149 Fulton St., CHICAGO.

Mention Review when you write.

LIGHTNING FLOWER POT WASHER

Washes all sizes of pots, clean as new, about as fast as you can handle them. Strong plants are only grown in clean pots. Send for description.

Sold direct $15.00 net, f. o. b. Joliet. C. E. FINLEY, JOLIET, ILLINOIS.

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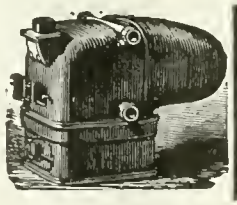

HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

Mention the Review when you write.

Greenhouse Material

OF ALL KINDS

ABSOLUTELY CLEAR CYPRESS WOODWORK,

Hotbed Sash, Tennessee Red Cedar Posts

And Pecky Cypress for Benches,

Fittings, U Bolts, Screw Eyes, Wire, etc.

The Machine.

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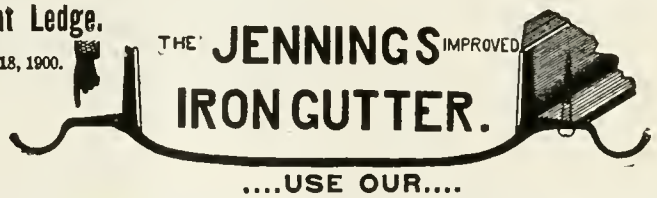
Pat. Sept. 18, 1900.



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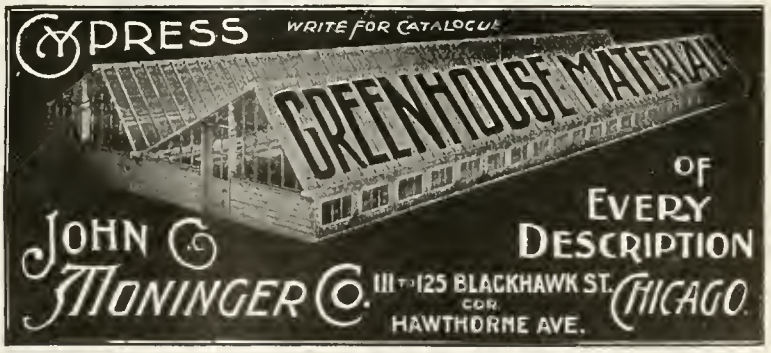

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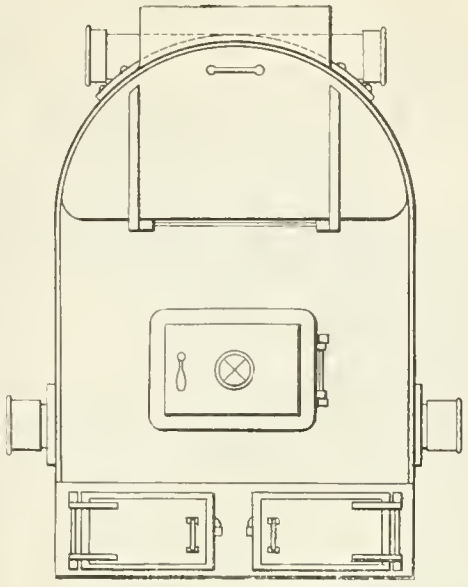

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ABUTILONS.

Among plants that occupy a far more prominent position in gardens than they did a generation ago must be included the abutilons, says the Gardeners' Magazine. Their value for different purposes has now been generally proved. Some of the true species, as well as many hybrid forms, are well adapted for training along the rafters or roof of a greenhouse; indeed, the yellow-flowered variety, Golden Fleece, so situated in the conservatory at Kew, has long proved to be one of the most striking features of that structure.

For clothing the back wall of a conservatory, or in a similar position, abutilons have much to commend them, not the least important item being the fact that if the structure is kept fairly warm flowers may be had to a greater or lesser extent throughout the winter. Large plants grown as standards form a notable feature, either in the conservatory or plunged out of doors during the summer, the drooping character of the blossoms being well shown when the plants are treated in this way. Not the least desirable feature of the abutilons is that many of the varieties soon reach an effective size. Lastly, the majority of the different forms can be grown as neat bushes in 6 inch pots, and in this way will flower freely, the restricted root-room being very conducive to the production of flowers, but to ensure success an occasional stimulant is necessary. As cut flowers the pure white variety, Boule de Neige, is appreciated by many, particularly in the formation of wreaths, for it is one of the best of the winter flowerers.

The propagation and culture of abutilons is of the simplest, as cuttings strike root very readily, and seedlings are also easily raised. The plants grow freely in ordinary potting soil if care is taken to give some weak liquid manure from time to time, otherwise if at all starved many of the leaves will quickly drop. The same results are obtained if red spider effects a lodgment on the foliage, and in order to prevent this a liberal use of the syringe is necessary.

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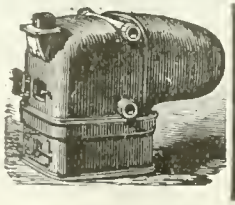

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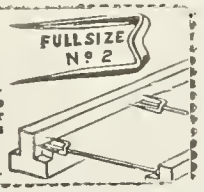

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These machines are especially adapted to the present style of long commercial greenhouses; they save much time and money in the operation of same. Our new machines are much improved and have been thoroughly tested.

We furnish a list with catalogue containing the names of firms using over 150 of these machines in houses 200 feet or more in length.

Write for catalogue and send us length of houses, number, size and position of sash on same. We will quote you prices which are 10 to 30 per cent. cheaper with a 10-year guarantee.

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have caused many poorly braced water towers to collapse, thus cutting off the water supply when most needed. Take precautions against this happening to you by erecting a

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and be sure of your supply at all times. These outfits are the cheapest as no repairs are needed.

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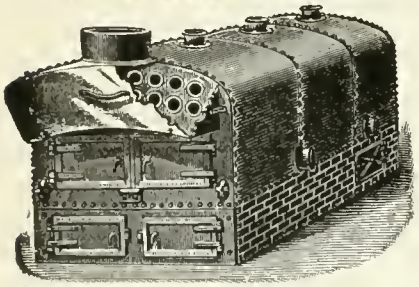

Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around, front, sides and back. Write for information.

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Write for Illustrated Catalogue.

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JOHN A. SCOLLAY,

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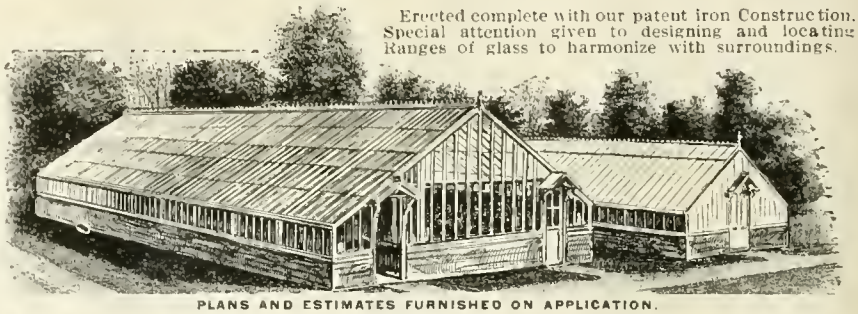
Erected complete with our patent iron Construction. Special attention given to designing and locating Ranges of glass to harmonize with surroundings.



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SECTIONAL and ROUND. STEAM or WATER.

For Large and Small Ranges.

Iron Frame { GREENHOUSES, BENCHES, } Red Gulf Cypress.

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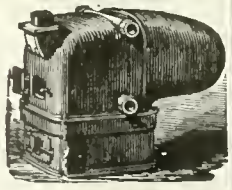

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9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER
Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

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For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the McCRAY is Guaranteed Absolutely Satisfactory. Thousands testify to its merits.

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Quick and Effective Fumigation.

TO-BAK-INE LIQUID.

¼-Pt. Can ... $0.60 1 Pt. Can.....$ 2.00
½-Pt. Can..... 1.10 1 Gal. Can... 15.00
Used for both spraying and Vaporizing.

To-Bak-Ine Fumigating Powder.

50-lb. Bag.....$1 50
100-lb. Bag..... 3.00
To be used when a slow Fumigation is necessary.

Send for our booklet and other testimonials.

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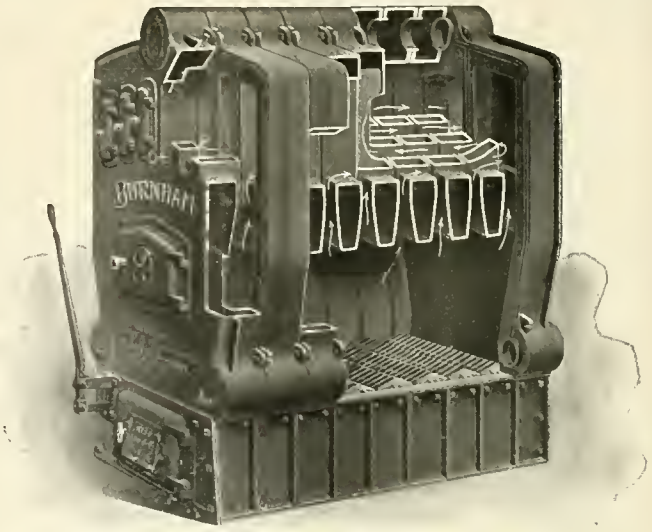

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RELIABLE, DURABLE, ECONOMICAL.

Red Gulf Cypress Material

Cast Iron Gutters,
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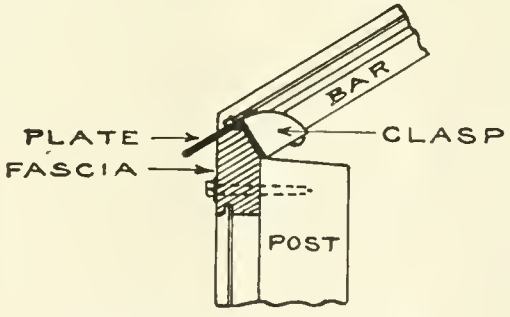
Columns, etc.



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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, DECEMBER 17, 1903. No. 316.

Watson B. M. 313
Jamaica Plain

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FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

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CHENILLE OR IMMORTELLES

BUY DIRECT FROM THE MANUFACTURER. Sample of No. 1 bell prepaid by mail 60c. Convince yourself that you are getting the best shape and most artistic bell.

No. 1	5½ inches	$6 00 per doz.
No. 2	6½ "	9 00 "
No. 3	8 "	12 00 "

Compare the size with those of other dealers. Write for SPECIAL DISCOUNT ON LARGE ORDER.

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Well Rooted - CARNATION CUTTINGS - Ready Now.

Enchantress, light pink	$6 00	per 100;	$50 00	per 1000	
Harlowarden, crimson	6 00	"	50 00	"	
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Lillian Pond, white	5 00	"	45 00	"	
Pres. McKinley, dark pink	5 00	"	45 00	"	
Sibyl, dark pink	5 00	"	40 00	"	
Dorothy Whitney, yellow	6 00	"	50 00	"	
Gov. Wolcott, white	5 00	"	40 00	"	
Estelle, scarlet	$3 00	per 100;	$25 00	per 1000	
Mrs T. W. Lawson, dark pink	2 50	"	20 00	"	
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Prosperity	2 50	"	20 00	"	
NEW VARIETIES for January Delivery:					
Crusader, best scarlet	$10 00	per 100;	$80 00	per 1000	
Reliance, white	10 00	"	80 00	"	
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HOLLY and GREEN

Xmas Trees, Mistletoe, etc.

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Our Specialty! The Proper Filling and Prompt Delivery of all Orders
Price List on Application.

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Give us your order **For Christmas** to get the freshest stock, with best keeping quality and have the assurance of supplies such as can only come from a million feet of glass.

....CHRISTMAS PRICE LIST....

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BEAUTIES. Extra long	$10.00
30 36-inch stems	8.00
24-inch stems	6.00
20-inch stems	5.00
15-18-inch stems	4.00
12-inch stems	3.00
Short stems	$1.50 to 2.00

	Per 100
BRIDES, good	$10.00 to $12.00
" medium	6.00 to 8.00
MAIDS, good	10.00 to 12.00
" medium	6.00 to 8.00

	Per 100
CHATENAY, extra select, stems 30 in. or over	$20.00
" select	15.00
" good	12.00
" medium	$8.00 to 10.00
" short	5.00 to 6.00
SUNRISE, extra select	20.00
" select	15.00
" good	12 00
" medium	8.00 to 10.00
" short	5.00 to 6.00
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ROSES—Our Selection, short to medium stems, all fresh stock, $6.00 per 100.

NO CHARGE FOR PACKING. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

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WRITE OR WIRE

WE WILL MAKE PROMPT SHIPMENT.

Bouquet Green, Evergreen Wreathing, Immortelles, Cape Flowers, Wire Rings and all Holiday Decorative Material.

WE MEET THE MARKET AND SUPPLY FIRST QUALITY.

We are getting in some **EXTRA FINE well Berried Holly, Mistletoe, Christmas Berries, Wild Smilax, etc., etc. Lowest Market Prices.**

Christmas Cut Flowers.

SEND US YOUR ORDER NOW
WE WILL TAKE GOOD CARE OF IT.
A DAILY SUPPLY from thirty-two growers places us in a position SECOND TO NONE TO GIVE YOU THE BEST OF SATISFACTION.

XMAS PRICE LIST.

	Per doz.
Beauties, 36 to 40-inch stems	$12 00
" 30-inch stems	$9.00 to 10 00
" 24-inch stems	7.00 to 9.00
" 20-inch stems	6.00 to 8 00
" 15-inch stems	5 00 to 6 00
" 12 inch stems	3.50 to 4 00
" Shorts	1.50 to 2 00
	Per 100
Brides and Maids, Specials	$18 00
" " Firsts	$12 00 to 15 00
" " Seconds	8 00 to 10 00
Perles, Firsts	8.00 to 12 00
" Seconds	6.00 to 8.00
Liberty, Specials	20 00
" Firsts	12.00 to 18 00
" Seconds	8 00 to 10. 0
Golden Gate, Firsts	12 00 to 15 00
" " Seconds	8 00 to 10.00
Meteor, Firsts	12 00 to 15 00
" Seconds	8 00 to 10.00
Carnations, Fancy	6.00 to 10 00
" Selects	4 00 to 5 00
Valley	4 00 to 6.00
Roman Hyacinths	3 00 to 4.00
Narcissus Paper White	4 00
Violets Double Extra	2.00 to 3.00
" Common	1.50 to 2.00
Harrisii Callas	15.00 to 18 00
Bouvardia	3.00 to 5.00
Stevia	2.00
Smilax	12 00 to 18.00
Adiantum Cuneatum	1.00 to 1 50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1 00 to 2 50
Asparagus Sprengeri Sprays	3.00 to 6.00
Common Ferns, per 1,00.	$2 00. .25
Galax Leaves, Green, "	1 00. .15
" " Bronze, "	1 50. .20
Mignonette	3.00 to 8.00
Marguerites	1 00 to 3.00
Magnolia Leaves	1.00

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Azalea indica, 10x12, per 100 plants.. ..... 35 00
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MISCELLANEOUS SEASONABLE HINTS.

Christmas Reminders.

With the general grower and retailer there will be little room or time to do much but prepare your stock for the holiday sales and there is nothing so important as being prepared, with your business down to a system. I very distinctly remember years ago a young man in our business whose cash sales would average $2.30 a day and his charges about $3.75. He had one bench, or counter, in the shed, which was used for wrapping plants. In one corner were the books of the firm and scattered about was a ball or two of string, wrapping paper, etc. Before suspension of business for the day and after this tremendous rush a young man (the only help) was kept busy twenty minutes putting things in their places, cleaning up, you may say.

I know and freely admit that there are times and hours in a rush when some disorder is inevitable, but in the great majority of cases it is not pressure of business that's the cause; it is the absence of the bump of order. Midshipman Easy's father had a phrenological machine for depressing vicious bumps and developing the useful and virtuous. But, in the absence of the machine, remember your failing and try and be orderly and systematic. There is a place for everything, and it should be there. Nothing raises an irritation of the epidermis in me quicker or more violent than to see plants, either on the bench or on the path, that are past their usefulness and never can yield a cent. And in the sheds there is often great disorder and needed room taken up with useless truck and muck. Remember that the smaller the place the greater the need of order and system and economy of space. If you have acres around you there is plenty of room "out of doors" for things the elements won't hurt, but city places have not that accommodation. Here are a few reminders of some things that can be seen to ahead of time:

All sorts, sizes and shapes of boxes for cut flowers should be made up and ready for use. You will find some clean dry place for them. To keep a woman, or man, either, waiting while Charlie runs back to make up a box to hold a dozen roses impresses the customer that you are slightly "one horse." All ribbons, mats, paper, etc., you are supposed to have in "elegant shape."

The Care of Cut Flowers.

It pays on this occasion to have a good smart lad who is familiar with the business to take care of the cut flowers and do nothing else. Harry dives into a vase of fifty roses or carnations to select a dozen and leaves three or four hanging over the edge out of water. But it's not in that trifle so much as in the cellar that a manager of your stock of cut flowers is necessary. I am sorry for the man who has not a cool, moist cellar. I quite understand that I say "moist!" For roses it is most certain that the atmosphere should be slightly moist, and I have never seen it do anything but good to carnations, or any other flower. I mean such moisture as would be produced by a wet or damp floor.

The ice box is the great attraction of a store. Magnificent are some of the creations in this line, and fascinating to the observer, but a poor place to keep flowers if you expect them to be satisfactory to your customer. I am not going to enlarge on store management, it's not my forte, but I will just remind you that if you want to use cut poinsettias in any decoration you must cut them twenty-four hours ahead of time and when fresh cut put the stems in a jar in almost (not quite) boiling water and keep them in the store or greenhouse, not the cool cellar or ice box, or they will droop their heads like the 9,999 rejected ones at Detroit.

Don't put violets into the ice box or very cool cellar, either. Expose a few for sale, but keep the stock in a close box in bottles of water in the temperature of the greenhouse. Valley, narcissi and Romans should be cut at least twenty-four hours before sending out and these are flowers that an ice box can't spoil. Read Mr. Baur's notes on how to preserve a good lot of carnations without undue "embalmification."

Dressing the Plants.

Now to the greenhouse. Those having only a retail store should have every plant in it dressed for the occasion, but if you have a conservatory in the rear, or a greenhouse at your back, there is no need of every plant being decked with mat and ribbon. Enough of everything you have should be on display in its best frills and tucks and others can be fixed up as needed. There is no possible excuse why the pots of every plant you are likely to sell at this season should not be scrubbed and clean. If you wash a few that don't sell, there are no regrets.

At least ninety per cent of all the plants sold at Christmas time are entrusted to Santa Claus. They are remembrances to friends and loved ones, and the prettier and more dainty they can be made, the more they please. So don't think you can keep up with the procession unless you trim up and embellish your plants with the best of taste and material. You can many times, most times, in fact, get more money for the plant well trimmed and a good profit on your ribbon and mat. We have seen photographs of plants of various kinds trimmed up in New York. The ribbon in some cases seemed overdone; it looked as if the plant was there to support and show off the ribbon. Yet when not overdone, some ribbon tastefully arranged will catch the eye and help to sell the plant or basket of plants.

I am not artist enough to tell you what shade of ribbon will adorn all our

Agapanthus Insignis.

seasonable plants. There are shades of ribbon made now to blend or harmonize with all our flowers. Green blends with all, for it is nature's primal color. The brilliant scarlet poinsettia has a ribbon to match its brilliancy, or almost so. There are shades, alike, for the begonia, the light pink and dark pink azaleas, the orange trees, the red-berried plants and, in fact, all of them. The Porto Rican mat is the prettiest pot covering up to date, and invaluable, and you can always get twice its value in the price of the plant. To those (if there are such) who think that this embellishment is unnatural, artificial and uncalled for, remember the plant in a pot is unnatural to begin with and perhaps seventy-five per cent of all the trade, traffic and business of the civilized (so-called) world is in commodities that are dispensable and can be called more or less luxuries. It would take a greater philosopher than the greatest of the age, Herbert Spencer, just passed away, to say where the necessary end and the luxurious begin. It is merely a matter of degree and depends entirely on what manner of life you are assuming. A new pair of pants would be a great luxury to "the king of the Cannibal Islands." With us they are simply a necessity, so if Mrs. Newrich or dear Mrs. Oldrich is willing to pay for $2 worth of frills on a three-dollar plant, by all means encourage a distribution of her wealth. But just let me say that it's not the divine woman that is the best customer; at this season it's the sterner sex that opens his wallet on these occasions.

System a Necessity.

I have on more than one occasion tried to explain what I consider necessary to prevent confusion in a retail establishment. Very few, indeed, are the sales that are made and the article taken by the purchaser. They are either ordered and left to the selection of the florist, or the customer says, "I'll take that one and that azalea," and you get his cards and the address where they are to be sent. Every order, whether paid for or not, or whether selected or left to your selection, should be brought to one central office. The name and address of the purchaser, whether cash or not, should be on the order slip, the plant designated and who it is to go to and their address, and if cards are to be attached then mention on the slip so it would read:

Guthrie, Okla., Dec. 22, 1903.
Charge Mr. Vernon Green 373 The Strand
1 Azalea sent to Mr. J. P. Morgan..
.....$75.00
Card V. G.
Deliver Dec. 24, P. M.
Salesman, Tommy Atkins.

Delivery.

The boss, or somebody as good, should have the handling of all these orders, and the evening or night (for there is little time during daylight) before the day they are to be delivered, with a space given over to tomorrow's deliveries, where they can be stood and if possible arranged in lots for delivery, north, south, east and west, you are ready to look over the orders. Just let me say here that what we call "routing" the deliveries is a very important matter. Many a time we have seen a wagon drive home with a plant or two alone in the wagon. "What's the matter with that plant?" "Why, that delivery is away out near the pest house, two miles out of our road; we thought Jack and Fred could take that when they went on the east side." Most likely the plant has had such a ride that it has to be replaced. A good router is a valuable man on these occasions. The boss at the desk, with his glasses on and cap to keep the flies from his bald head, begins: "Harry, here is your order; an azalea and begonia; there are the address and cards." "Tommy Atkins, here is your order," and so on and you will soon get through it without confusion. It will keep the boss busy writing the address tags, but he likes to work, and if things go nicely, work is the greatest and least regrettable of pleasures. It often occurs that the same person will buy plants and flowers, or rather have a plant and cut flowers delivered to the same house. I believe in keeping them entirely separate, or it will create confusion. Take care of the boxes of flowers at a different time. Then let us pray that it will not be zero, with a strong wind, as it is at this moment. William Scott.

Specimen Calceolaria, Flowered in a 6-inch Pot.

CALCEOLARIAS AND MUMS.

One of the accompanying illustrations shows a specimen calceolaria grown by D. Chisholm, gardener to Lady Belhaven, Udston House, Hamilton, Scotland. The group of which this is one had been flowering for about three months when photographed, so that Mr. Chisholm must have brought them along slowly under very cool treatment, with plenty of ventilation. The photograph shows the plant very much reduced in size; but in reality each was twenty to twenty-four inches in diameter, although grown only in 6-inch pots. Mr. Chisholm describes his success as due chiefly to the attention he gave the calceolarias at the final potting. He finds that turf, clean leaf mold and sand make the best compost. Such a thing as old spent mushroom dung is only of service when the leaf mold is an impossibility, and should for other reasons be avoided. Good, clean, solid compost, and the plants not potted too loosely, should grow this showy and popular class of plants. The strain of seeds was that of David W. Thomson, of Edinburgh. For conservatory or greenhouse decoration in spring few plants are more showy than calceolarias. The second illustration shows a house of chrysanthemums grown by Mr. Chisholm.

AGAPANTHUS INSIGNIS.

At a recent London exhibition Wm. Bull & Sons, of Chelsea, showed what appears to be a new and distinct species of agapanthus. The common African lily has for so long been regarded as the one and only species that the newcomer has created not a little surprise, and many have considered that it must necessarily be a form of A. umbellatus, Whether the botanists decide that A. insignis is a distinct species or not, the plant is certainly distinct from a horticultural point of view. The chief distinctive features of A. insignis are the milk-white color of the basal portion of the green, arching, strap-shaped leaves, this whitish color extending some distance along the midrib; the unusually large and many flowered heads of bloom; and the very long pedicels. It will thus be seen that the inflorescence is more spherical than in A. umbellatus, and this is due chiefly to the extraordinary number of flowers produced, and to the elongated pedicels, which permit the outer flowers to droop around the scape as fast as the central flowers expand and need more room. The flowers are quite like those of the well-known species as regards shape, but their color is light lilac, faintly tinted and shaded with lavender. A. insignis was imported from South Africa by Messrs. Bull & Sons, and will probably be distributed by them at an early date. It promises to be as amenable to cultivation as A. umbellatus. The accompanying illustration will convey a good idea of the flower-head of this new plant.

THE ASMUS WINDOW BOX.

The accompanying illustration shows a window box invented by E. Asmus, of E. Asmus & Co., Chicago, on which a patent has been applied for. It is designed for either indoor or outdoor use, there having previously been nothing which fully met the requirements of the trying conditions of a dwelling room. The ordinary box is either too dry or too wet, usually first one, then the other. Mr. Asmus met this difficulty by making a movable zinc lining not quite so deep as his box. This is in effect a false bottom and the zinc being perforated, permits the surplus water to pass through to the bottom of the box which is filled with moss.

The Asmus False-bottomed Indoor Window Box.

A stop cock is inserted in the bottom of the wooden box by means of which the water may be drawn off. Thus perfect drainage is secured. It is Mr. Asmus' intention to put the box on the market through the supply houses.

CARNATION NOTES—WEST.

Caring for Cuttings in Sand.

After your cuttings are in sand the one point to be striven for is to keep them from wilting. If you can keep them in a fresh condition for four weeks you may feel certain of success. Shading, of course, is necessary on all bright days; in fact, the sun should not strike the cuttings full at any time during the first four weeks. A little sun in the morning and a little in the evening, when it is quite weak, will do no harm and in many cases much good. You can root them successfully in a house or bench where the sun does not strike them from the time they are put in until they are taken out.

It is in the spraying that you need to exercise judgment, in that and the watering. We sometimes hear some one say to water the cuttings thoroughly at least once each day. That is a mistake. It would not take you long to get the sand into a soggy condition, which would cause the cuttings to rot. You want the sand constantly wet but only wet enough so that the cuttings can draw what water they need. It should not show dry at the surface. If it becomes soggy the moisture will rise from it and where the cuttings are the least bit close it will adhere to the leaves and cause damping. If it is kept in that state very long the sand is apt to turn sour, too, and your cuttings are doomed. The finer the sand the easier it is to bring about these conditions. The coarser the sand the more water it will take to keep it in the proper state of moisture and the less danger there will be of sour sand.

The spraying is as important as the watering. During cloudy, cool weather, when the atmosphere is naturally bracing, not near so much spraying is necessary as during bright, warm days, when even the growing plants are inclined to wilt. For about a week or ten days after the cuttings are put into the sand a very light spraying will do them good, even in cloudy weather, but it should be little more than a mist. After they are callused they will draw enough moisture from the sand to keep them fresh in cloudy weather and it will be better for the cuttings if the tops are kept dry. Too much spraying will often develop a case of rust on cuttings that would naturally come out clean. There is no better stimulant in cases of emergency to prevent wilting, but as I said before get along with just as little spraying as you can.

A good illustration would be our experience with the variety Mrs. Nelson. This variety made a record for itself as a hard rooter and this fact caused several gray hairs in several heads I know. Last year we grew a lot of it and the first batch of cuttings caused us to fear that we would lose money on it. After the cuttings were in about fifteen days it began to wilt and the more we sprayed it the worse it got, until it began to rust and we had to fire the whole batch out. The second batch we handled differently and with great success. When they began to look wilted we sprayed them but once each morning and then very lightly, but we were very careful to keep them shaded and to keep all draughts away from them. After about ten days of this wilted look they began to straighten up and we took out fully ninety-five per cent of well rooted healthy cuttings. Those who grew old Buttercup will remember what a time we used to have with that variety and when we took out over fifty per cent of rooted cuttings, what a feat it was thought to be. Mrs. Bradt also had just a little streak of this in it, too. You will find more difficulty rooting these varieties along toward spring than you will during this month and the next two.

When you spray it should always be early enough in the day so the tops can dry off again before night. As the cuttings root you can gradually inure them to the light and sun again by letting down the shade later in the morning and raising it earlier in the afternoon. This will help to harden the foliage, which has become rather soft during the four weeks of constant shade. They will not wilt so much after they are taken from the sand and potted. Especially should this be done with cuttings that are shipped.

A. F. J. BAUR.

CARNATION NOTES—EAST.

Minor Details of Propagation.

There are several operations connected with propagation that, while perhaps considered by some as of little importance, nevertheless have a bearing on the ultimate result. Starting with the removal of the cutting from the parent plant, it is not only important that it be taken off without injury to either but that a receptacle be provided to receive the cutting and preserve it from wilting. A flower vase of good depth and medium diameter, previously rinsed with cold water, answers every purpose; it is easily carried about and its depth prevents the circulation of air among the cuttings. It will be readily seen that rinsing with cold water just previous to using, aids in prevention of wilting. Where a very large quantity is being gathered and nimble fingers are preparing them for the sand as fast as gathered, a basket, containing a thin layer of damp sphagnum moss at the bottom may be used to good advantage. In any case make the batches small, rather than large, and as soon as

House of Chrysanthemums Grown by D. Chisholm, Hamilton, Scotland.

gathered sprinkle heavily with cold water. Should there be delay in trimming, cover the vase or basket with a wet cloth.

Do not try to see how many cuttings you can hold in your hand before depositing in the receptacle, as there is liability of their becoming crushed and, worse than that, the heat of the hand works a positive injury. It is surprising what a difference there is in the hands of different persons. Some can handle flowers with impunity while with others the blooms seem to resent their very touch, and this is equally true with the handling of cuttings. You probably know the marked difference in the ability of different persons to wear flowers a given time.

The same rule will apply to the time of taking cuttings as to the cutting of bloom; that is, early in the day or on cloudy days, when the sun is not playing full on the plants. I made provision above for delay in trimming, but let it be of short duration and as soon as each cutting is trimmed place in a vessel of fresh, cool water in which has been stirred a few drops to the quart of ammonical copper carbonate solution.

I wish to lay particular stress on the importance of keeping the cuttings in water during the time between trimming and inserting in sand. It is true the time should not be long, but every second a cutting lays out under full exposure to the air, its vitality is ebbing away. Remember you are not dealing with geraniums or cacti, which are said to better resist damping off, especially the latter, when the cut end is allowed a few days to sear over by exposure to the air.

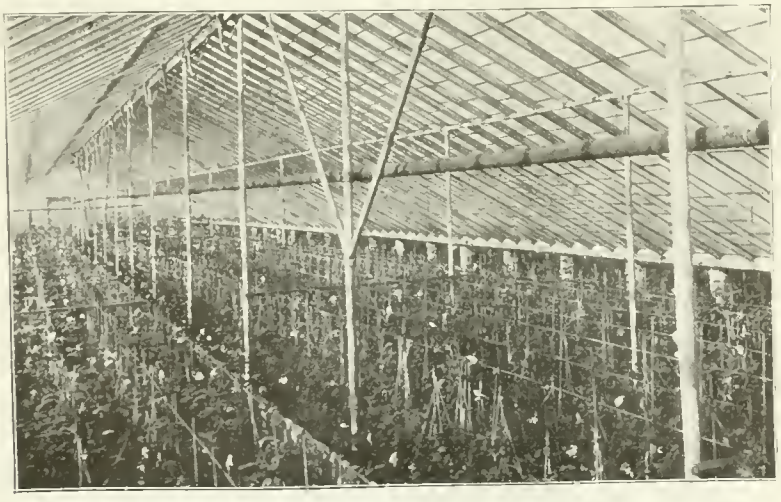
In trimming use a very sharp knife, insuring a clean cut surface which will callus much more quickly than when the tissues are in any way torn or mangled by the use of dull instruments. Plant tissue is like human flesh; a cut from a sharp tool heals sooner than when tearing takes place. Another advantage in trimming the heel is the increase of surface from which roots will spring, the result being a heavily rooted cutting which takes hold quickly on transfer to soil.

Take care that no bits of leaves cut from the tips of the grass, find their way into the sand. They will decay and cause trouble if allowed to remain. G. S. O.

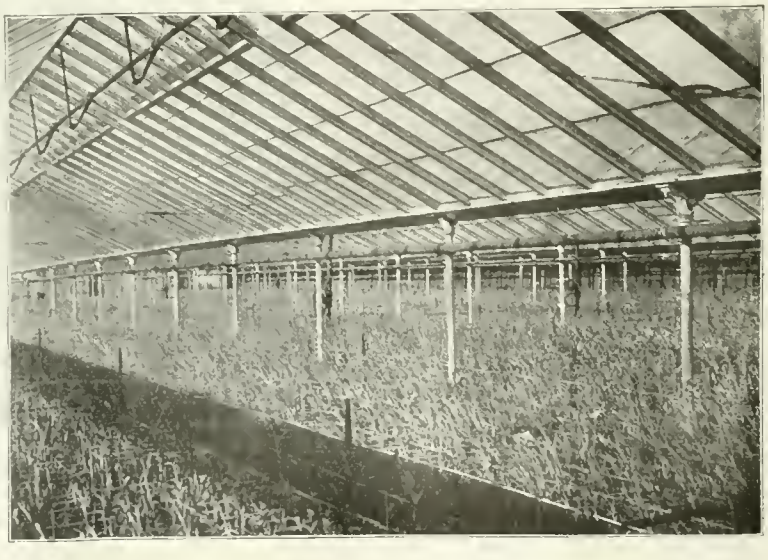
VAN BOCHOVES' HOUSES.

The accompanying illustrations are from recent photographs taken at the establishment of G. Van Bochove & Bro., Kalamazoo, Mich. The rose house shows benches of Bride, Bridesmaid and Ivory. The right center bench is Ivory, which has done remarkably well with them, both as a winter and a summer bloomer.

The other picture shows the new carnation range, photographed while the plants were in preparation for a first crop and with a view to showing the construction of the houses. They are of the short-roofed pattern, with tubular iron framing and supports set in concrete. Each house is 160 feet long and thirteen feet eight inches wide, containing two walks and two benches, the latter tile bottomed. They are heated by steam and have thus far proved in every way very satisfactory houses.



Rose House of G. Van Bochove & Bro., Kalamazoo, Mich.



New Range of Carnation Houses of G. Van Bochove & Bro., Kalamazoo, Mich.

ROSES.

Propagating American Beauties.

The propagation of American Beauty, to be a success, is in some ways quite different from the methods which best suit teas and their hybrids, and many of the failures attending the propagation of this queen of roses arises from the fact that they are treated in the same manner as Meteor, Brides, etc.

As Mr. Scott has frequently pointed out, a cutting is by no means a new plant, such as we get from seed, but merely a perpetuation of a branch of an old plant, so we ought to exercise great care not to perpetuate, along with this branch, any of the diseases, weakness or undesirable characteristics. Plants which have a uniformly thrifty habit and have proved free bloomers should be selected, avoiding those which are of too rank a growth, as these invariably are shy and late in blooming.

By a careful selection of well ripened, short jointed wood from free blooming plants and persisting in this system from year to year, the habit of the stock will become more uniform and their productiveness, especially in medium length stems, will be increased by twenty-five per cent. This statement is deduced from actual experiment and supported by records.

By confining ourselves to short jointed wood we are enabled to get our cuttings of a like condition of ripeness, which insures a more uniform root formation than if we use long stems for cutting wood, as it is impossible that all the eyes on a six-foot stem can in any way approach each other in this respect, the consequence being that the rooting stage will be very uneven.

A cutting with three or four eyes I have always preferred to a one-eyed cutting, as I find they make a more thrifty plant, although possibly not of such rank growth, and form a bush much quicker when planted in the bench.

The insertion of the cuttings in the sand should immediately follow their making, as they are very liable to wilt if they are much exposed. In order to prevent the cuttings from shedding their leaves, great care will be required not to overcrowd them in the bench, giving them sufficient room for a free circulation of air among the leaves, so that they may dry out quickly. A temperature of 62 degrees in the sand with a house temperature of 55 degrees is about the ideal, but I have seen some fine batches of stock at a much higher temperature; I, however, find the cooler rooted preferable.

There is great danger to Beauty cut-

A View in the Philadelphia Wholesale Flower Market.

tings in irregular and indiscriminate watering. During the period that the callus is forming they must be carefully tended, as the least tendency to dryness results in wilting, followed by leaf-shedding when the cutting, even though it does form nice roots, will be practically worthless and had better be dumped. They are also very sensitive at this period to over watering, which has practically the same effect. Just as soon as the roots are formed, even when they are only one quarter of an inch in length, they should be potted, as no rose shows deterioration in the sand so quickly.

During the whole of the time they are in the cutting bench particular pains must be taken in shading. Having such heavy foliage to support it takes very little direct sunshine to dry the life out of the leaves. I frequently see shading done in the old, careless and slipshod method; viz., by a mass of old newspapers spread over and lying on the cuttings. This is a custom which cannot be too earnestly deprecated. Apart from the injury done to the cuttings by the weight of the paper, they do not serve the purpose intended, as it is nearly impossible to keep them from blowing off. They also serve as a condenser of the moisture and conserve the heat among the foliage which will, if anything can, help in denuding the cuttings of their leaves.

A roll of very thin cheesecloth arranged at about fifteen inches above the sand and made so that it can be withdrawn or rolled up immediately the direct rays of the sun have left the bench suits the case admirably. They should have all the light possible, in order to keep the leaves hard and crisp, so that they may be able to make full use of them when the roots are once formed.

Requiring a deal of care and systematic attention, it will certainly pay us to give them of the best, they being of all our roses the most impatient of neglect in their earlier stages and as neglect in the cutting bench is responsible for many of the after troubles which affect this rose, look to its well-being now.

RIBES.

WHAT'S IN A NAME?

Perhaps not much. Long familiarity with the strange, awkward and fantastic names of men, localities, cities and towns make us forget or cease to notice their crude and unpoetical sound. Most men inherit their family name from their father, and if they are not pleased with it in after years, it costs, in some countries, a good sum to legally adopt another. I remember a most estimable gentleman who inherited the family name of Cat, and it cost him $5,000 in England to assume the name of Belden, or some such name, and shortly afterwards this studious man of leisure was reading a book while in the saddle. The horse was also in a reverie, possibly meditating on some metaphysical subject, or oats, and both went over the brink of a chalk pit and life went out of both. But everyone who has changed his name has not met with that melancholy end. That was on the beautiful south downs of Old England.

Of all the British names of rivers, mountains and lakes, and I think I could say also the towns and cities, those of Scotland undoubtedly are the most pleasant, and Ireland is next. The Welch are, of course, unpronounceable, unless you speak the language, and the English are cold and harsh. There is nothing musical in Thames, or Humber, or Cam. Glengarry, Loch Lomond, Kentyre and Blair Athol have a warmth and richness, and even Tipperary and Kilkenny associates you with such a rich, mossy brogue that you feel slightly elated. Unfortunately too many of our American and Canadian towns and cities are named after old English towns, or the man who first arrived. If a Mr. Potts emigrated to Pennsylvania in 1742 he built a house and called it Pottsville. Toronto was called Little York up to seventy years ago; then some people of good taste had it changed to the beautiful name it now bears. Mr. Jones founded Jonesville, and Mr. Tubbs, Tubbsville. And what sounds very absurd at first hearing is the little country villages inhabited by people who never heard of the classical cities for which their four corners are named. Athens, Darien, Antioch, etc. Of all the names, not only appropriate but pleasant and poetical, for cities and states, the Indian names must be acknowledged by all to have the preference. And many of them, thank goodness, have been most wisely adopted.

Perhaps names are largely accidental, after all, so I had better get to the point. We can name a new flower or a new baby what we like, and it's a pity that after ten thousand names had been suggested for John Breitmeyer & Sons' beautiful new rose that no prettier name could have been selected than La Detroit. We have already heard disappointment expressed in several quarters. It is neither descriptive nor pretty. If an association of the locality from which it was sent out was desired, why not have christened it Cadillac or St. Clair? A young florist unacquainted with continental European languages asked the writer what the "La" meant. I told him, of course, it was because the rose was a "la la." What a pity a name could not be found as beautiful as Sunset or Meteor or even Bride or Bridesmaid! There is nothing musical or euphonious about the name Detroit, beautiful as the City of the Straits is in itself.

If we are going to name new varieties of our florists' flowers after the cities where they originate, I can think of several pleasant results. There is a man in the state of New York has a cross between an American Beauty and an Austrian Briar; it's a sort of a chestnut shade, and I shall suggest that he name it after his town, which is Horseheads.

Then there is a promising seedling carnation in Hornellsville, N. Y.; that's a pretty name. If you get a rose that is inclined to sport too much you might call it Sing Sing. And why stick to your native town? The next dark carnation that beats The President, Mr. Ward might name Timbuctoo, and the writer has a sort of ochre yellow which we are going to call Constantinople. Mrs. Jones, or Our Mary Ann, or Lafayette McMullen will do very well for gladioli and dahlias that come and go quickly, but a rose that is likely to be grown by everyone and constantly on the lips of every florist and flower lover should have a prettier name than La Detroit.

But I am glad it was an angelic woman who got the prize. They have, among other divine gifts, the majority of all the inspiration that is sent into the world. But my inspiration would have suggested simply Our Phil.

COMANCHE.

A PROGRESSIVE RETAILER.

Chicago has a reputation to sustain in the matter of hustling and the florists, growers, wholesalers and retailers, are doing their share to maintain the city's credit undiminished in this respect. Among the most progressive of the store men few are more active than August Lange. Everything is grist which comes to his mill and his two stores on Monroe street, opposite the Palmer House, handle immense quantities of both cut flowers and pot plants. He was one of the first to see the advertising value of large window displays and in many other ways he has reached out for new trade until he has built up a very good business.

Mr. Lange is 35 years old, a native of Berlin. He has been in the retail flower business since he was 13, having begun as a boy in the store of James Farrell in Chicago in 1881. For a time he was a partner in the firm of Harmes & Lange. First he was located at 189 N. Clark and in the World's Fair year at 111 State street. In 1897 he opened for himself at his present location on Monroe street. Doing a profitable trade the first year there, last year his business was three times that of the first season. Last April Mr. Lange opened the Floralia, only a couple of doors from his other store. Miss Ida Lange is now in charge there and both places are doing well. Mr. Lange has attended many conventions of the S. A. F., but he will always look back upon the Omaha meeting as the best of all, for there he made the acquaintance of the lady who is now Mrs. Lange. She is a sister of Mrs. Swoboda, wife of the junior partner in the Omaha firm of Hess & Swoboda.

CHRYSANTHEMUMS.

Two Crops From One House.

We have a house, 20x100, and think of putting in mums next year. This house has solid beds and we thought of planting some early varieties and having enough late sorts planted in boxes outside, so that when the early ones are cut we can bring in the late ones and set them in the bed. Our idea is to get two crops of mums from one house. Could it be done? A. B. C.

I would say that it can be done, but whether it would pay is another question. By growing kinds like Fitzwygram, Marquis de Montmort, etc., and taking the early bud the flowers can be cut away before October 1 and the later varieties planted out in boxes could be rushed in to fill the space. There are several objections to the plan. One is that the early flowers would come in so early that they would be competing with asters and dahlias in the market. The earliest flowers of late years have brought only a poor price. The grower knows what his market wants and what he could get, so he is the best judge of that particular point.

Another objection is that growing plants outside in pots or boxes is a very unsatisfactory method. Every insect that comes along takes a shy at them and they get alternately washed out and burned up in this delightful climate of ours, so that when housing time comes they are about ready for the rubbish heap. A. B. C. will also run his chances on getting caught by an early frost, which is generally due in his section about September 20.

Rather than grow the late stock in pots or boxes outside, if I were going

August Lange.

to try it, I think I would plant my stock in the open ground and pinch it until July 1. This would give plants which would be dwarf enough to lift without much inconvenience to them at that time, if the house be well shaded for a few days after planting, and the late stopping or pinching would throw the buds late, so that they would be very small at the time the plants were lifted. My candid advice to A. B. C. would be not to bother with it. Get one good crop of mums and then fill in with Easter lilies or something of that description and I think the balance at the end of the year will be larger. BRIAN BORU.

THE CHRYSANTHEMUM IN 1903.

The following are the remarks of Arthur Herrington, president of the Chrysanthemum Society of America, before the Farmers' Club and Horticultural Section of the American Institute at New York, December 9:

Exhibitions.

Reviewing the season that has just closed, the fact is self-evident that the chrysanthemum still holds undisputed sway as the queen of autumn, and we should anyone look with disfavor upon the supremacy the flower holds in its brief season? Roses, carnations and even the aristocratic orchids are with us throughout the year, and the fragrant violet is obtainable a large portion of the year, but there comes a time when all of these flowers are subordinated to the chrysanthemum.

The enthusiasm for the flower shows no abatement and there is no necessity to advance reasons for its general popularity. The present year has probably seen more floral exhibitions held in chrysanthemum time than ever before, and would seem to justify the claim that the chrysanthemum is the prime factor therein. Nor does this apply to our country alone, as European papers, especially those from England, bring reports of numerous exhibitions and in small country towns as well as the large centers of population.

Without any available figures to substantiate the assertion, it may be stated with little fear of contradiction that the exhibitions held in chrysanthemum time greatly exceed in number the aggregate of the balance of the year, and while their primary object is to display the chrysanthemum in all its variety and perfection of beauty, we are accomplishing something more. In proportion to their patronage by the general public they must surely be an effective influence in promoting the growth of floriculture, the love of flowers with resultant benefits accompanying to those engaged in the profession. Have we not in the past taken a too narrow-minded view of the results of our exhibitions in appraising their success solely on the basis of gate receipts? We may be pardoned for expressing mutual congratulations upon the recent successful exhibition held in New York, and especially in point of attendance. It is idle to suppose the influence and effect of that grand exhibition ceased with the closing of its doors. It must have aroused a spirit of emulation in some who saw it, a desire to grow, themselves, such flowers as were there displayed.

Close observation of the attendant crowds forcibly demonstrated another fact. It has become a fad of a few, of late, to decry the big blooms as coarse and unlovely; in fact, ugly, some will say. This is not the verdict of the general public. It refuses to put its seal of approval upon artistic disquisitions that claim the maximum of beauty is found in diminished size. While in the crysanthemum there is variety of form and of size, too, to gratify all tastes, the big blooms will appeal to and win the admiration of the vast majority and the show that has thousands of them will be a popular show if the fact is publicly known.

Within the last two years our exhibitions appeared to be more or less dominated by a few varieties and rearrangement of schedules was considered to correct this fault. It has been corrected in a much more satisfactory manner. It was hard to avoid the dominance of Appleton and Eaton when they were giants in a class almost alone. What has the present season shown? Many more giants forthcoming, of variable form and hue. We had a slight foretaste last year in the appearance of some Australian novelties. A new source of supply had been tapped, which raised our expectations to the highest pitch.

The realization has been rich indeed and the salient feature of this year's exhibitions, wherever they displayed the

newest varieties, has been the all-round superiority, the surpassing excellence of the Australians, supplemented by quite a few sterling acquisitions from English and French raisers.

American contributions to the chrysanthemum in 1903 appear to have been outclassed, but mention should be made of Yellow Eaton, which, although but a sport, has proved even better than its parent.

Some noteworthy varieties of 1902 the merit of which have been proven, are Mrs. Thirkell, Lord Salisbury, C. J. Salter, Mrs. T. W. Pockett, Durbin's Pride, F. S. Vallis, Lady Roberts and W. R. Church.

The year 1903 marks an epoch in chrysanthemum improvement and especially in the strengthening of color classes heretofore very weak, in the pinks and crimsons. Among the new sorts the following valuable ones may be briefly enumerated:

Pink varieties: W. Duckham, F. A. Cobbold, Leila Filkins, Lady Hopetoun, Daisy Moore, Lucy Evans, Parkside Gem and Marie Liger.

Crimson varieties: Maynell, S. T. Wright, Henry Barnes, Mrs. F. W. Vallis, Lord Hopetoun and Otaheite.

White and yellow varieties: Ben Wells, Cheltoni, Percy Plumridge, Hero of Mafeking, Mrs. Harry Emmerton, Col. Powell, La Fusion, Mme. M. Cahuzac, Mme. E. Niccoulaud, Mme. Diedereichs and Mlle. M. Douillet.

"Any other color": Harrison Dick, Mary Inglis, Gen. Hutton, Miss Mildred Ware and Donald McLeod.

Cultural Experiences.

The chrysanthemum has shown facility of adaptability to the cultural conditions necessitated by the climate of our eastern and middle states and we have made it a greenhouse plant entirely. European growers are able to have their plants in the open air for several months, but the man who attempts to follow this practice beneath North American skies is foredoomed to failure.

But even with the plants beneath the glass all the time eternal vigilance must prevail, and varying conditions must be observed and counteracted if unfavorable in tendency. No two seasons are exactly alike and the lines of treatment that have brought marked success in one may have to be materially modified in order to achieve the same success the following year. The past season has been of a peculiarly trying nature. The summer months were excessively wet, but favorable to the growth of the plants. A continuance of this weather far into the autumn led to an adverse condition of things, as when the buds were taken the plants lacked that essential stability brought about by a proper ripening of the wood, as we know it, and hence were badly handicapped from the start for the future development and perfection of the flower.

October, unusually warm, further aggravated the evil by hastening the advancement of the blooms and a continuance of warm, humid nights caused considerable damping of the blooms, in the collections of some growers to a most disastrous extent.

The thought naturally arises, how can this be prevented. Again, why does a certain variety suffer and another growing beside it prove immune. One example may be cited. A batch of Jeannie Falconer is ruined in a day and next it a batch of Miss Alice Byron remains perfect. Of course it is easy to say that certain varieties are soft, but after all we have seen this year of effect, cannot some research be made to throw more light on the cause.

Observation has taught us to note generalities that are predisposing causes, but it would seem possible to pursue investigations deeper, to the extent of even making a microscopical examination and analysis of the tissues of plant and flower. If some of our experiment stations would take up this matter, ably equipped as they are, more light might be thrown upon the cause of this perplexing trouble.

Meanwhile the grower does the best he can to maintain a dry, buoyant atmosphere in the house and a slight shade has also proved very beneficial in arresting the evil. Those who do not grow exhibition flowers tell us they have none of these troubles, but this is poor consolation. Granted that damping of the blooms is an attendant evil to intensive cultivation, the problem is how to rectify the evil. We have seen too much of the effect; we need now to know more of the cause and the man who will help us along these lines will confer a boon upon chrysanthemum growers.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

THE READERS' CORNER.

Ed. Review: I note an inquiry from W. T. R. in regard to a broken gasket, page 136. I was recently in the store of Joseph Kift & Son and Mr. Kift showed me a leak in his sectional boiler and asked me the best thing to do with it. A stream nearly as thick as a small lead pencil was running into the fire box. I at once said that he would have to get a new section put in the boiler. Mr. Kift said it had leaked once before and he had put bran in the boiler and it had stopped it and he would try it again. I saw him a few days afterwards and inquired how the boiler was doing and he told me it was all right. I thought it was the cheapest way of getting a "bran" new boiler that I had heard of. It is worth trying.

Joseph Heacock.

The Review does the selling but it seems strange that this time most of the orders have come from the east and south. —Joseph Heinl, Jacksonville, Ill.

ERICAS.

Although ericas are of inestimable value to the commercial florist, both as pot specimens and as cut sprays, their culture in this country has been somewhat neglected, probably because many of the hard-wooded kinds are of slow growth, requiring a great amount of patient care, study and skill to develop good specimens, and because they are very impatient of the least neglect. There is, however, one class of ericas which can be grown by any ordinary florist who cares to exercise a little patience and study and which for made up work fill a want which these only can.

The softer wooded kinds, such as E. hyemalis, Wilmoreana, colorans, gracilis and the ventricosas, are of comparatively easy culture. These can be had in great diversity of color and form of flower, and by a careful selection of the different kinds and varieties a succession of bloom can be had from early fall till late spring. In the European markets this class of plants forms one of the most numerous, attractive and profitable during these months and no doubt they will, in time, make their mark in the markets here.

I will endeavor to describe the methods employed in the successful culture of these softer wooded and quicker growing heaths in this country, which is somewhat different from the European methods by reason of climatic and soil differences. Most of them are (or are the offspring of) natives of the Cape of Good Hope and consequently require cool greenhouse treatment, being at all times very impatient of fire heat. A night temperature of from 40 to 45 degrees, with full and free ventilation and an atmosphere as free from moisture as possible, is what is wanted.

These plants require the greatest care in watering. They must never be allowed to become dry, nor yet run the least danger by over watering, as both are equally fatal. Great care must always be taken to keep the foliage dry, as they are very susceptible to a disease very much resembling mildew, which is also very contagious and is induced by too much moisture in the air or by having the foliage in a state of dampness. The remedy for this trouble is to dust the foliage with flowers of sulphur, taking care not to allow any of it to reach the soil, as it has a very debilitating effect on this class of plants.

The most suitable soil is a fibrous peat, with about one-fourth of clean sharp sand. A few broken pot-sherds mixed with the compost serves to keep it porous and sweet. This must be rammed very firmly around the ball, so that the water may percolate slowly and evenly. Care must be taken when potting not to get the plant either too deep or too shallow. If too deep in the least degree the plant will rot off at the neck and if too shallow the sun will destroy the roots. Ample and perfect drainage must be provided.

During the summer they should be placed out of doors in a dry and airy situation, where they can have the benefit of full sunshine. The plants should be placed on inverted flower pots or bricks and sufficient moss put into the frame to entirely cover the pots, so that the very fine roots may be protected from the hot sunshine. It is safer to have the frames so arranged that the sash can be used during a very wet spell.

These plants should be pruned annually. As soon as the flowering season is

over the stronger stems should be cut back to within an inch of the older wood and the weaker side growths should also be cut back, but not so much.

The greatest drawback to the successful culture of heaths in this country is improper soil, our peat being so deficient in fiber. Many growers make use of imported peat, with a small admixture of light, fibrous loam. Others use the native article with a mixture of cocoa fiber, and with success. Where the mountain laurel, Kalmia latifolia, flourishes, good soil for this purpose can always be had, as they really do as well in this as in the imported peat. Where there is any suspicion of lime in the water it is safer to use rain water, as lime is fatal to the erica. Ribes.

STEM ROT.

The following are the remarks of James W. Dunford before the St. Louis Florists' Club on December 10:

There is no disease known to the carnation grower that causes more heart aches, more discussion and more empty places in bench and field, than stem-rot. Nor is there any insect that preys on the divine flower that we dread like this most modern disease, stem-rot. A few years ago it was practically unknown. In the good old times when any time before frost was early enough to plant from the field, and long-stemmed flowers early in the season were scarce, we did not know what troubles were in store for us.

Who knows an effective remedy for this disease? Did you ever hear of one? I had hoped to give you something new on this subject but am not able to. My personal views and deductions are given below. None of them are guaranteed and I reserve the right to change any of them at any time. Stem-rot is inherited. This I think is positive. Never propagate from diseased plants or unhealthy looking ones. Never buy rooted cuttings from anyone who sells at starvation prices, for you may be sure that care was not taken in the selection of his cuttings. Don't plant cuttings in soil, or pot them, unless they have plenty of roots; give them a good start. Keep young stock cool and don't plant in rich soil. I believe that any sudden check in the growth of any carnation plant, unless counterbalanced by the proper treatment is most conducive to stem-rot.

Any soil heavily enriched with stable manure and planted with the healthiest stock will develop the disease. This is certain; any part of a bench that gets much drip from leaks in the gutters, or any part that through carelessness got too much fertilizer, will prove a bonanza for stem-rot. Summer blooming carnations that are mulched for economy's sake, will in a wet season go like lambs to the slaughter. Carnations planted too deeply also succumb. One of the worst things to do is to give too much water when plants are put in the houses. Sterilizing the soil by baking, in houses, or the steaming process, will certainly kill all germs in the soil, but will not prevent the disease. There is no effective remedy known for stem-rot.

If a variety persists in giving way to the trouble after you have done your best, throw it out. Remove all plants from the field as soon as affected. Don't plant too deeply. Don't be too liberal with your fertilizer; be satisfied to make up for the deficiencies later in the season when the plants are growing nicely. Lime is good for more reasons than one, and is said to kill a few of the germs; try it by mixing some in the benches before you plant. Water lightly until the plants are well established and don't plant in any place where there will be a drip every time it rains. I have found that in a variety like Crane, which seems to take the disease more than any other kind, that cuttings rooted in February and March, planted in the field from 2-inch pots were much more satisfactory than older and bigger plants.

We must improve our methods. The time is past when anything and any way will do. Did you ever try plants that were put in the field from 2-inch or 2½-inch, cool grown and not pot bound. Just try them. These are the ones that hold the dirt when transplanted to benches. This early planting seems to make it imperative that we make more and more of an effort to guard against all checks to growth at any stage, for it comes at just the time when nature says, "You would better leave well enough alone for a month or two." I intend to plant almost entirely from 2-inch pots to the field.

It seems to me the time is not far distant when we shall plant our carnations largely from 3 and 3½-inch pots, the first week in June, just as roses are planted. Why not? I tried some one year planted June 1 from 2-inch pots and they grew like weeds and made fine stems and had no stem-rot. You will note that I have not burdened you with the Latin name of this disease. It is not necessary; just plain stem-rot is good or bad enough. Our only hope is that some genius will find a remedy or that we can build the carnation up constitutionally, so that it will be able to say boo to stem-rot without danger of infection.

CHICAGO.

The Market.

Local trade has been very dull this week, possibly largely due to the very severe cold weather which arrived on Sunday and which has made the growers a great deal of trouble, for many were unprepared for from 10 to 17 degrees below zero. It has made the consumption of coal very great and even some of the big growers had no more than a couple of days' supply on hand. Shipping trade is not as active as it has been in recent weeks, but receipts are light and good stock is going out fairly well.

There are still large supplies of Beauties, and tea roses are plentiful. Good Brides and Maids sell out clean each day and very good prices are realized for some of the extra select stock, but there are quantities of the lower grade material which are hard to move at any price. Chatenay is in good supply and of excellent quality. Sunrise and Carnot are also seen in first-class shape, but in not very large supplies. Liberty is first-class with one or two growers, but in general not very long in stem.

Carnations continue as in the past two or three weeks, with prices holding up well. Every now and then, however, a wholesaler hangs on to a couple of hundred good flowers rather than make a small concession in price and carries them over until the next day, with the result that they lose half their value. The trade seems to prefer the medium qualities, and it is unsafe to hold high grade stock, and the low grade material is hard to sell at $1 a hundred. Violets are plentiful, again, with prices going no higher than $1.50 per hundred. There is good demand for Harrisii lilies and valley is selling very well. Green goods of all descriptions are plentiful.

Christmas Prospects.

The near approach of the holidays does not see any great unanimity of opinion as to supplies or prices. There are those who believe that receipts will be very light and others have conceived the idea that stock will be plentiful. Orders are not coming in very rapidly, but there is every other indication of good business before the arrival of Christmas. It is to be hoped that the growers will not pickle their stock, because the market at present is declining to take anything that bears the marks of age. Any carnation grower who holds back stock on such a market as this is defeating his own object and with plenty of roses in the market it will be folly to accumulate any quantities of Brides and Maids, for the quality is sure to be apparent.

The Monthly Exhibition.

The third of the Chicago Florists' Club's monthly trade exhibitions was held in the Atlas block yesterday afternoon. Christmas plants were shown, also roses and carnations, the exhibition being on the whole very creditable, for holiday plants have never been largely grown for this market.

The greatest variety of stock was shown by J. F. Kidwell & Bro., who had Piersoni and Boston ferns, Asparagus plumosus, crotons, azaleas, dracaenas, camellias, primroses, tulips and poinsettias, all in good shape. J. A. Peterson, of Cincinnati, sent three fine Lorraine begonias. Kalous Bros., who are the champion cyclamen growers in this neighborhood, showed some splendid plants. Kuehne & Pearson had rubbers. W. L. Palinsky showed azaleas and asparagus. The Garfield Park Floral Co. (Oechslin Bros.), brought some of the best poinsettias ever seen here, dwarf, stocky, big headed plants in pans. They also had good azaleas, mignonette and cyclamens. The George Wittbold Co. exhibited palms, pandanuses, asparagus and made up baskets of plants. Vaughan's had a nice lot of plants, including some very fine imported hollies, both green and variegated. Leopold Koropp showed two made-up baskets of plants.

In cut flowers, the Chicago Carnation Co., Joliet, showed a vase of wonderful Golden Gate roses, also an equally good vase of Fiancee carnation, which gets better every time it is shown here. They also had Lawson, Harlowarden and Crusader in good shape. Nathan Smith & Son sent a half dozen blooms of John Burton chrysanthemum, light pink and very good for so late in the season. Peter Reinberg showed his new rose, Uncle John. L. E. Marquisee, of Syracuse, sent a vase of Flamingo carnation, but it had not traveled well. F. F. Benthey was the manager of the show. A club meeting was held in the evening.

Various Notes.

Flint Kennicott has been on the sick list for two weeks and is just getting around again.

J. A. Budlong has bought glass for two new greenhouses, 30x300, for carnations. This will leave him just room for two more such houses, and he may conclude to fill up his lot this season.

Sinner Bros. have sold their entire stock of the folding Christmas bells without doing more than partially supplying the demand. The other supply dealers are also reporting good sale for Christmas bells.

The bowlers met at Mussey's alleys Tuesday evening for the last practice match until the regular handicap tournament is started early in the new year.

W. A. Peterson, the nurseryman, was proposed for membership in the Florists' Club last night.

H. Kruehten is one of the few growers who are fortunate in having a good crop of carnations on for Christmas.

D. C. Noble, of Columbia City, Ind., is sending in some of the finest Lawson carnations which reach this market.

E. E. Pieser reports that he has never seen so many frozen shipments from the growers as have been caught this week. P. M. Broadbeck, who is one of the most careful shippers, lost his entire consignment coming in from Evanston Sunday morning.

Bouquet green is worth about $8.50 in this market this week. At this price it hardly pays to make it into wreathing at $3.50 to $4 per 100 yards. Holly is plentiful and all the supply houses are busy making up wreaths.

S. Garland, Jr., at Des Plaines, has one of the few fine lots of Adonis carnation in this vicinity. He bought 500 plants and lost about 150 in the field; the rest are in fine health.

Thos. H. Best, who was with S. Muir, has gone to Akron, O., to enter into partnership with E. J. Bolanz.

Peter Reinberg says he will plant from 20,000 to 30,000 of his new rose, Uncle John, next year. He has another novelty on his place of which he thinks highly. It is Perle Von Godesberg, which was sent out in 1902 and is catalogued by Peter Lambert as a yellow sport of Kaiserin.

Walter Kreitling had the decorations at the Chicago Club last Friday for the dinner to the principal representatives of the three leading wholesale dry goods houses of the city. He put $300 in stock on the table, mostly Beauties. Mr. Kreitling also has the annual New Year's decoration at the Chicago Club.

Geo. Wittbold Co. had one of the largest decorations of the year at the Auditorium on Tuesday evening, for the bal poudre for the benefit of St. Luke's Hospital.

Myer Heller, of New Castle, was a visitor this week.

PHILADELPHIA.

The Market.

Business continues excellent, with prices advancing, especially on carnations. The figures obtained for anything worth having of the divine flower are so high as to deter many customers from buying. The growers who do not take advantage of this opportunity and ship their stock as fast as it is ready, will make a serious blunder, as it is improbable that prices, even at Christmas, will average much higher, while any stale stock will bring almost nothing. White and red carnations are bringing better prices than pink of the same grade. Mrs. Lawson, so largely planted by many growers, should prove very profitable at market rates. Prosperity is very late this season, few being seen. The shortage of carnations has increased the demand for other flowers, which are selling unusually well.

Roses, especially Beauties and Liberties, are eagerly sought. The cold weather is helping to make stock of very fine quality, especially roses. As Christmas approaches the bright colors are more appreciated than the paler shades. There will be plenty of poinsettias to meet the demand. Orchids will be very scarce for Christmas, but the general feeling appears to be that we shall experience a heavy holiday business, with enough stock to meet the demand. Valley is in good demand; violets rather scarce.

Philadelphia Flower Market.

The REVIEW takes pleasure in presenting its readers this week with a reproduction of a photograph taken at the Philadelphia Flower Market. The view shows a section of the stalls, some choice stock and some of those who have made the place. Charles E. Meehan, who has made such a splendid record as manager, is standing at the right in the picture. By him is the lady, evidently a lover of carnations, who presides over the books. Her associate in this department was unfortunately detained by a customer who wanted his bill. These customers are unknown outside the Quaker City. Above these two on the right of the line on the stalls is William Stevens, who so ably represents John Burton, president of the S. A. F. Next to him is the junior partner of the Beauty growing firm of Myers & Samtman. Just think, these two quiet looking men control most of the fine Beauties brought into the Market. The next man is Geo. F. Krueger, of Narberth, brother of the dealer in the Reading Terminal. The second man beyond the column is a violet grower named Bloomer, an inspiration to his stock. Then comes George Waterfield, of Wyndmoor; then Frank Hastings, of F. and H. Mergenthaler; next to him is the famous Doylestown grower, R. G. Palmer. This trio is all important in the tea rose market. Next comes Edgar Upton, who represents another Beauty place, J. W. Yonng's, a vase of Liberty near him. Carefully guarding a pot marked R. G. P., is Robert Gaul, of the Market's pony battery. Below him, with the lilies, is his associate, Max Janow. Next but one to the end is Lovett, of Wieland's, at Newtown, a well known place. Richard Umphried, the cheery assistant manager, is filling a carnation order just around the corner. In the background can be seen the stand of Whetstone & Co., and the Henry F. Michell Co.

Various Notes.

H. H. Battles has quantities of fine poinsettias in one of his houses at Thorn Hedge, at Newtown Sqnare. F. S. Jackson has managed this stock cleverly.

Hugh Graham has a handsome Christmas window, a large specimen Pandanus Sanderi, which lights up beautifully, and a bunch of poinsettias tied with holly red ribbon.

Ernest Heming addressed the Germantown Horticultural Society at the monthly meeting on Monday evening.

Representatives of some of the leading out of town firms are in the city this week doing their Christmas shopping.

The yellow primrose has made a hit. Plants in 4-inch pots that wholesale at 33 cents each, have retailed at $1, prettily dressed in crepe paper to harmonize.

The business being done in holly, mistletoe and other greens is enormous.

Arthur Mallon, Jr., who has made such a success of Louis Burk's place at Olny, has accepted an offer to take charge of George McFadden's place at Rosemont.

A. Farenwald is sending in a magnificent lot of special Liberties to Leo Niessen.

C. A. Dunn & Co. have made their annex attractive by a bright display of scarlet immortelles.

W. J. Baker has been handling some fine Stevia serrata.

H. C. Geiger states that his firm, the Floral Exchange, will cut 30,000 tea roses during the second half of this month.

Myers & Samtman are cutting quantities of fine Beauties. PHIL.

ST. LOUIS.

The Market.

Last Saturday we were treated to some real winter weather. A big snow storm raged all afternoon and the glass went down to zero before Sunday morning. It is reported that some consignments came in frozen on Sunday morning. The business the past week among the retailers was very good in funeral work only; outside of this kind of work it was only fair. Our retailers are all busy making up wreathing and wreaths for Christmas sales. Ground pine is scarce and the commission men are asking as high as $12 per crate of 100 pounds. Holly is very plentiful and cheap and of very fine quality.

With the Christmas holidays close at hand, there is much speculation as to the amount of stock this market is going to have and the retailers hope that the growers will not engage in any pickling and hold stock back until the last day, as prices are almost as high now as they will be for Christmas. Much, of course, depends on the weather, which is very changeable at this time of the year. At the present time there are enough flowers in the market for the demand.

The supply of carnations is large and most of the flowers are of a fancy order, especially those sent in by Henry Baer, of Peoria, Ill., and H. W. Ude, Jr., of Kirkwood, Mo. Their Enchantress, Queen Louise and Lawson are fine. These command as high as 6 and 7 cents each. Other varieties bring $4 and only common sorts bring $3 per 100. In roses the supply is large in the second class stock; extra selects are scarce and in good demand at $10 per 100. Beauties are selling high and are not in oversupply, those of J. F. Ammann, of Edwardsville, being of the best. For extra fancy $10 per dozen is asked and from that down to $3 per dozen for fair stock. Belle Miller's Carnots are in great demand at from $8 to $10 per 100. Other stock from her place sells well.

Violets seem plentiful just now and we hope they will continue so until after the holidays; $1 per 100 is the price to date. Romans, Paper Whites and valley are in good supply at the usual prices. Christmas prices will be about the same as those quoted by the Chicago florists in our last big issue.

Florists' Club Meeting.

The St. Louis Florists' Club held one of the largest attended meetings of the year last Thursday afternoon, thirty-one members being present and several dis-

tinguished visitors. There was also a fine exhibition of cut flowers, among them being a fine vase of the new Breitmeyer rose, La Detroit, and an extra fine vase of Dorner's new white carnations, Lady Bountiful and The Belle. These were exhibited by C. A. Kuehn.

Two essays were read, one from Wm. Scott, of Buffalo, N. Y., on "Greenhouse Heating," and the other by J. W. Dunford, on "Stem-rot," both being well received. Mr. Scott's essay was read by ex-President Fillmore. Both gentlemen received a hearty vote of thanks by the club. The meeting opened at 2:30, with all the officers present. John Koenig and Theo. Klockenkemper were elected to membership by a full vote. F. W. Bruenig and Henry Felter made application for membership. Mr. Brown, of London, England, who has charge of the landscape work of the British pavilion at the World's Fair grounds, was elected an honorary member of the club. The resignation of A. S. Halstedt was read and accepted.

The carnations exhibited by F. Dorner & Sons Co., of Lafayette, Ind., the judges, Messrs. Winter, Steidel and Dunford, voted very fine, having all the requirements of first-class carnations. The Breitmeyer rose, La Detroit, was voted a first-class pink rose by Messrs. Ammann, Fillmore and Emmons. The cut flowers were much admired and were one of the attractions of the meeting.

After Mr. Scott's essay a discussion was led by Max Herzog on "Greenhouse Heating," which was participated in by Messrs. Dunford, Emmons, Ammann, Ude, Winter and Fillmore. This was one of the features of the meeting which was much enjoyed by the members. Mr. Brown made a few remarks on greenhouse heating from an English standpoint and joined in the discussion. The hour was growing late and the question box was laid over until the next meeting.

For the next meeting of the club Walter Gilles, of the Missouri Botanical Garden, will read an essay on ferns and a discussion will be led by F. J. Fillmore on propagating roses. This meeting will be held on Thursday afternoon, January 14, at 2 o'clock.

Club Notes.

Fred Ammann and Henry Emmons were the only members present from across the river.

From Kirkwood, Vice-President Winter, H. G. Ude, F. W. Ude, Jr., and W. J. Pilcher were in attendance. Those from Clayton were J. W. Dunford, John Steidel and R. F. Tesson.

A new order of business has been inaugurated by the president at the meetings, that is to announce, "Does any member wish to become a member of the S. A. F.?" By this six new members were added.

State Vice-President Chas. Juengel is a very regular attendant and was busy talking up S. A. F. membership and succeeded in capturing a few.

Mr. Hummell and Walter Gilles, of the Missouri Botanical Garden, enjoyed the meeting very much and will not miss many after this.

Mr. Brown and Wm. Bouche, from the World's Fair grounds, came together and were much taken with the proceedings and promised to come often.

The club now has sixty-seven members and it is expected by the time of the Society of American Florists meets here in August, the membership will reach 100, and efforts will be made after the first of the year to accomplish this.

Charlie Kuehn and Frank Ellis, two of our wholesale men, were very much interested at the meeting. These two gentlemen never miss a meeting.

After the meeting adjourned the members missed Carl Beyer, Theo. Miller and Frank Ellis. They were afterwards found in a nearby bowling alley.

Messrs. Pilcher, Koenig and Kuehn promised not to talk chickens at the next meeting.

Various Notes.

Henry Baer, of Peoria, Ill., spent two days with us the past week, calling on the trade.

Rodger Peterson, of Cincinnati, was in town Friday, showing fine Gloire de Lorraine begonias to the trade at Kuehn's.

Miss Belle Miller, of Springfield, Ill., spent a day in St. Louis last week, buying Christmas presents.

Mr. Gullett, of Lincoln, Ill., came down on an excursion to see the sights, but was caught by the big snow storm, which prevented his going out to the World's Fair grounds.

The past week the Missouri Horticultural Society held its forty-sixth annual meeting at Columbia, Mo., and many the leading horticulturists of the state attended.

Charles M. Figeley, representing E. H. Hunt, of Chicago, is with us this week in the interest of bulbs and florists' supplies.

Shaw Banquet.

At the Mercantile Club last Friday night the fourteenth annual banquet was given to florists, nurserymen and gardeners by the directors of the Missouri Botanical Garden. The attendance was not quite so large as usual. The entertainment furnished by Messrs. Kessler and Taylor, of the World's Fair, was one of the features. They gave stereopticon views of the landscape work and buildings at the World's Fair grounds and lectured on them. Prof. Wm. Trelease acted as toastmaster in his usual happy style. Among the florists who attended were Emil Schray, J. F. Ammann, J. W. Dunford, R. F. Tesson, Frank Fillmore, Max Herzog, Otto Koenig, C. C. Sanders, Theo. Miller, Wm. C. Young, E. W. Guy, F. K. Balthis, R. J. Mohr, C. J. Juengel, J. J. Beneke and others. Andrew Meyer, Jr., our renowned park superintendent, was also present, but Park Commissioner Aull failed to come. The decorations were, as usual, very tasty.

Bowling.

The last bowling before the holidays was done Monday night, with only a few present. Mr. Warren, of Louisville, Ky., was a visitor. The scores:

Player.	1st.	2d.	3d.	4th.	T'l.
C. A. Kuehn	163	194	180	180	717
J. J. Beneke	189	183	147	164	683
Theo. Miller	155	158	123	165	601
F. J. Meinhardt	127	119	97	157	500
F. M. Ellis	173	119	123	135	550
Mr. Warren	113	100	122	135	470
O. R. Beneke	157	129	161	114	561

J. J. B.

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

I CANNOT do without the REVIEW, as it is the best guide as to where to buy stock, and if I have anything to sell I can't do better than to advertise in the REVIEW.—E. O'NEIL, Wheeling, W. Va.

NEW YORK.

Club Meeting.

The last club meeting for the year developed an attendance of over fifty members and a most happy and harmonious time. Lyman B. Craw, of the Lord & Burnham Co., was elected a member and six new names were proposed. Letters of declination were read from Messrs. Birnie, Duckham, Haffner, Wheeler, Siebrecht and Manda, who were nominees for office. The voting for the club's offices resulted as follows: For president, Traendly, 17; Troy, 13; Siebrecht, 1; Beaulieu, 1. For vice-president, Traendly, 14; Du Rie, 9; Duckham, 3; Siebrecht, 3. For secretary, Young, 31; Wheeler, 1. For treasurer, Weathered, 31; Nash, 2. For trustees, Wallace, 28; Elliott, 25; Long, 13; Nugent, 12; Miller, 10; Thomas, 10. Mr. Traendly having received the distinguished honor of being elected both president and vice-president, a second election for the latter office resulted in the selection of Mr. Butterfield.

Eloquent addresses were made by the successful candidates, in which the club's welfare was the principal theme and everything said gives promise of a strenuous year in the hands of the new officers. Dinners, outings, bowling, exhibitions and interesting monthly entertainments being among the responsibilities assumed. The 1903 outing committee received the club's vote of confidence in their unanimous election to the dinner committee and the club almost unanimously decided upon a repetition of last year's banquet, in preference to a beefsteak dinner, notwithstanding the epicurean eloquence of Mr. Elliott in its favor. A committee, Messrs. O'Hara, Henshaw, Plumb and Elliott, was appointed to draft suitable resolutions on the deaths of George Cottam and Thomas Weathered.

The committee on awards, Messrs. Lenker, Birnie and Miller, gave an excellent report on the seedling carnations shown by John Reimels, of Woodhaven, L. I., and recommended a later exhibit of a larger number of blooms. Two varieties were shown, one an immense red, the parentage of Crane and Prosperity; the other a beautiful light pink, a cross of Mrs. Jas. Dean and Prosperity. Mr. Reimels has four pinks, four whites and several more reds in his collection of seedlings, samples of which he will doubtless exhibit at the Detroit convention.

The closing ceremonies included an eloquent address by E. G. Hill, who characterized the former speakers of the evening as "educated, brilliant and handsome," giving the palm to Mr. Elliott as the best looking of the galaxy. He said the west was as busy christening new roses and raising new carnations and chrysanthemums and so trying to keep within speaking distance of the Dailledouzes, Wards, Herringtons and Duckhams of the east. He said the westerners were up and doing and making progress, referred to the large areas of glass in Illinois, Indiana and Michigan and the old fear that its supply might be overdone, whereas the contrary had been most encouragingly demonstrated, flowers never having been in such demand nor such prices realized in the past as now. This, he said, speaks well for the florist business. Wealth and intelligence are on the increase and our business is bound to progress, as we are on the threshold of greater results than have ever been achieved. It was a most

optimistic and inspiring address and was heartily appreciated by all.

Mr. Siebrecht, Mr. Traendly and Mr. Lang urged the present as an opportune hour for the formation of the New York Bowling Club for 1904 and a dozen members were enrolled and arrangements made for active work the first Monday in January. Nearly all the prominent bowlers of the club signed the roll and the new year will find an enthusiastic membership and the nucleus of a club that will do itself and the city credit in the great tournament at St. Louis in August.

And so ended one of the best meetings in the New York Florists' Club's history. The new officers are men of experience, ability and untiring energy and they will give a good account of themselves.

Various Notes.

Last Friday and Saturday the up state storm delayed the arrival of violets so seriously, especially the later day that thousands were left over for Sunday sales, which a terrific rain storm prevented, and by Monday the whole lot was unsalable. The shipments of violets continue in enormous quantities and it is seldom that the specials touch the top figure of $1.50; 75 cents to $1 is high tide many a day. The high values of other years need no longer be counted on, even for the holiday trade.

J. A. Peterson, of Cincinnati, has been here with his samples of Farleyense and Begonia Lorraine. Local offerings of the latter are greatly in excess of last season's supply.

E. Chauroux, of Flushing, a member of the Cut Flower Exchange, died on December 5. The business will be continued by his son.

John G. Esler, of Saddle River, N. J.; C. W. Cox, of San Francisco; J. D. Thompson, of Joliet, and E. G. Hill, of Richmond, Ind., are recent visitors. Mr. Hill will remain several days and is visiting the leading carnation and chrysanthemum growers of this section.

The Cut Flower Co. is handling grand Beauties from the Scarboro factory of Paul M. Pierson, where every house is devoted to this variety, and the "Beauty King" declares he believes the Christmas rush will be quite up to other years.

Traendly & Schenck are handling their usual superb quality of violets and among their roses Golden Gate is coming especially strong and salable.

Not so long ago, it was difficult to get orders for Princess pine at 7 cents a pound; now good stock readily commands 12 cents, the poorest grade brings 10 cents and there will be nowhere near enough to go around.

Dunne & Co. have added to their sundries an invention by Mr. Dunne, a strap lock for valises and light trunks that is very serviceable and are having quite an extensive demand for it.

Jas. McManus has been shipping cattleyas and Dendrobium formosum to Philadelphia, Chicago, Memphis and New Orleans and finds the demand growing rapidly.

M. Rice, of Philadelphia, was in the city Tuesday, visiting friends and making fraternal calls upon the supply and wholesale houses.

John J. Perkins is celebrating his thirty-first Christmas in the business this year, and has among his growers some who have been loyal to him over a quarter of a century. He is handling some special Brides and Maids and this season has a good stock of single violets for the holidays.

One of Mr. Ghormley's violet shippers is very patriotic, bunches of "red, white and blue" violets neatly arranged forming a unique and rapid selling novelty for Christmas.

Leopold Osternei, traveling salesman for Siebrecht & Son, known to all his customers as Leo, is just up from a four weeks' lay off in bed, the result of a horse kick on the knee.

Robert Kift, of Philadelphia, was in the city Wednesday and Thursday, visiting the growers and retailers and absorbing metropolitan conceptions for Christmas, which added to his own original methods, ought to wake up the proverbially restful town, and doubtless will. He anticipates a "conservative" holiday season.

Mrs. Henry Siebrecht, Sr., of New Rochelle, is recovering slowly from her long illness and is now out of danger.

The "white palace" being erected by Siebrecht & Son at Fifth avenue and Thirty-eighth street, is nearing completion and the immense store, the finest in America, if not in the world, will open December 20 in time for Christmas and with appointments and conveniences unexcelled.

Many of Phil Breitmeyer's friends in the east think the President would have been a more appropriate name for the new rose than La Detroit, but the beautiful convention city deserved some such recognition. It was a shame to have to miss the christening. Seems as though such a ceremony should take place during a convention week.

The Horticultural Society of New York met last Wednesday and J. T. Scott, of Randall's Island, spoke interestingly on his system of teaching horticulture there. Dr. Britton also gave an illustrated lecture and Nathan Smith & Son exhibited their new late pink chrysanthemum John Burton.

A. J. Fellouris has an extra large force at work these days, preparing stock for his Christmas trade in evergreens of every kind. He handles enormous quantities of galax and ferns and has excellent facilities for their presentation. His brother is expected back from Europe shortly.

John I. Raynor will hereafter receive a steady supply of the Croweanum fern, the sale of which he controls in New York. J. AUSTIN SHAW.

BUFFALO.

A Stormy Sunday.

The blizzard which struck Buffalo on Sunday morning is not at all local. The weather, like armies in the field, is no respecter of any particular day of the week, and hurls its fierce blast at us whether it is going to keep us from church or not. In the little village where I weathered out yesterday's storm, there is a population of 400 all told. There are five churches and five congregations, if five or six families can be called such. At last night's Episcopal service there were just two individuals in the church, beside the parson and the five boys and girls of the choir. When the dominie began, "Dearly beloved brethren, the scripture moveth us in sundry places, etc.," it sounded funny, because both the two brethren were women. Why not all get together and have one good church and pay some able man who could talk and entertain and morally instruct? Living is cheap in the country and a gifted young graduate might be induced to practice on this small community at $15 per week and house rent, but with such a division of creeds and split up into handfulls you can't pay big wages, although perhaps the salaries paid at present are a fair equivalent for the article received. Of those things I am a poor judge. A hundred years ago the congregations got their money's worth in the very liberal amount of fire and sulphur that was promised them in the indefinite future, but since roasting, toasting and brimstone no longer emanate from the pulpit there is an aching void. Yet what a lot there is to talk and act before "We'll brithers be for a' that."

Stock Shorter.

Flowers are decidedly shorter in supply. Our papers are full of accounts of social entertainments, which helps all along the line, but I have not heard of any events taxing the local market. We expect a merry and prosperous holiday season. Buffalo has grown greatly in population and manufactures within the past ten years and no labor troubles have arisen to upset the business equilibrium. Holly is arriving in quantity and of fair quality. It seems there is a scarcity of ground pine. Poor Lo and his squaw got snowed in this year, we can believe.

Hill and the Great West.

We were sitting almost in the gloaming, making carnation cuttings one day last week, when we heard in a muffled and strange voice a request for a carnation buttonhole. Striking a match we discovered we were honored with a visit from E. G. Hill. I would just as soon have expected to see Speaker Cannon or Elijah Dowie, but not half as well pleased. The time was all too short, but outside of floriculture I got E. G. to give me ten minutes' talk on the sights of the Pacific coast, the Canadian Pacific railroad, etc. It strikes me that at our next convention nothing would be more interesting than a half hour's talk from Mr. Hill on horticulture on the Pacific coast, not confining him strictly to horticulture, for who wouldn't like to hear from a truthful witness of the stupendous works of nature in a region that was almost an undiscovered country but a few years ago. We want to hear more of the Canadian Rockies and Mr. Hill's shooting adventures. Who among you realizes that this ardent, studious horticulturist of international fame is keen after big game. A florist of Vancouver strolled forth into the big timber with Mr. Hill and within five miles of his greenhouse chased up three bears, large ones. E. G.'s trusty aim made two of them bite the dust and he would have bagged the third, but he paused to contemplate the mammoth trees. Those who don't believe he shot the bears will please bear with this story. W. S.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

BOSTON, November 28.—Seedling No. 3-3-01, light pink, shown by Nathan Smith & Son, Adrian, Mich., scored 73 points exhibition scale.

PHILADELPHIA, December 12.—The variety John Burton, an incurved Japanese of a soft Daybreak pink color, shown by Nathan Smith & Son, Adrian, Mich., scored 89 points commercial scale.

FRED H. LEMON, Sec.

CINCINNATI.

The Market.

Business is still a trifle on the shady side, but considerable improvement is noted over last week. The demand is much more constant and better prices are the rule. The temperature is hovering very close to the zero mark, and this is beginning to make itself felt in the supply of stock. Prices are stiffening rapidly and short-stemmed stock, especially, is reaping the benefit. There were several decorations and also large funerals that helped use up the good stock. Most of the store men are busily engaged in putting up Christmas decorations, for which there is a large demand this year. Christmas bells made of chenille or immortelles are selling well, and most of the windows of the Fourth street stores are hung with them.

Carnations are scarce, as usual, with fancy stock as high as $6; ordinary grades bring $3. There are still a few mums coming in and they sell quickly. There are none that can be called fancy. Other stock is about as reported last week. Valley is selling very well now.

For Christmas it looks as if there will be a good supply of all kinds of stock, save carnations. These will be very short in supply, scarcely a drop in the bucket to what could be sold. It looks as if roses will be about equal to the demand. Violets will be very good property this year. Orders are now being booked and from present indication trade will be very heavy.

Various Notes.

Fred Gear has his store decorated in a way that should be seen to be appreciated. The entire ceiling and walls are covered with wild smilax, with electric lights and various Christmas novelties here and there.

The winter berry is being used a great deal and it adds greatly to many decorations.

Henry Schwarz has worked up a very good business in Norwood and says that he anticipates a fine trade for Christmas.

Several times lately our leading retailers have been disappointed in wild smilax arriving too late for use in the decorations it was ordered for. This is awfully discouraging and is something that can not be satisfactorily explained to the person who ordered the decoration. This, together with other affairs of a like nature has, perhaps, something to do with the gray hairs in the heads of florists who are otherwise still young enough. C. J. Ohmer.

Hamilton, Ont.—Edward Walker, well known in Canadian horticultural circles, is dead.

Kankakee, Ill.—Mr. and Mrs. Charles Shaffer have a new baby boy at Riverview Carnation farm.

Melrose, Mass.—David L. Taylor, one of the pioneer florists of the state, died at his home here December 4, aged 81. He had been a resident of Melrose since 1847, when he started in the business on Emerson street. At one time his greenhouses were the most extensive in the United States, some nineteen or more separate houses. He retired from active business about four years ago. Mr. Taylor was a native of Scotland and leaves two sons and one daughter.

Christmas

We expect our usual supply in all lines for the holiday trade but

Advise that orders be booked early.

First come, first served.

Christmas Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES, all lengths of stems, at market rates.

	Per 100
Brides	$6.00 to $8.00
Brides, Fancy	10.00 to 12.00
Maids	6.00 to 8.00
Maids, Fancy	10.00 to 15.00
Meteor	8.00 to 10.00
Meteor, Fancy	12.00 to 20.00
Liberty	8.00 to 10.00
Liberty, Fancy	15.00 to 25.00
Golden Gate,	6.00 to 8.00
Golden Gate, Fancy,	10.00 to 12.00
Roses, our selection,	6.00
Carnations, Common,	3.00
Carnations, Select	4.00 to 5.00
Carnations, Fancy,	6.00 to 7.00

	Per 100
Violets	$1.50 to $2.50
Valley	4.00 to 5.00
Paper Whites	4.00
Romans	4.00
Mignonette	4.00 to 5.00
Marguerites	1.00 to 1.50
Stevia	1.50 to 2.00
Adiantum	1.00 to 1.25
Smilax	12.00 to 15.00
Asparagus Strings,	40.00 to 50.00
Asparagus Sprays,	2.00 to 3.00
Sprengeri	2.00 to 3.00
Sprengeri, Long	4.00 to 6.00
Galax, Green,	$1.25 per 1000, 15c per 100.
Galax, Bronze,	$1.50 per 1000, 20c per 100.
Ferns, per 1000, $2.00; per 100, 25c	

Kennicott Bros. Co.

WHOLESALE FLORISTS,

And dealers in

Florists' Supplies,

40, 42 AND 44 RANDOLPH ST., **CHICAGO, ILL.**

LYCOPODIUM (Bouquet Green) is very scarce and high in price this year.

USE ASPARAGUS

Wouldn't it come in handy for some of your decorations? Think about it. We can supply any quantity in any grade.
Long heavy strings, 50c. Long medium strings, 35c to 40c. Long light strings, 25c.
We have also plenty of **SMILAX, good, nice, long, heavy strings at $12.00 per 100.**
We can handle orders for any quantity on short notice. Just give us time to cut the stock.
Send along the orders for all **Christmas Cut Flowers.** We have large supplies. If you find yourself running short at the last minute, wire us; we will help you out if stock is to be had in Chicago.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph Street, CHICAGO, ILL.

Long Distance Telephones 1978 and 1977 Central.

Mention the Review when you write.

L. J. KRESHOVER'S

ARTICLES INDISPENSABLE FOR CHRISTMAS

MISTLETOE Domestic or English, per lb., 25c; 25 lbs., $5.50.

HOLLY Choice quality, dark green foliage and plenty of red berries, per case, 4 x 2 x 2, $4.50; 5 cases, $20.00.

Galax Leaves Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots. Small Green Galax for Violets, 75c per 1000.

Southern Smilax Absolutely the best stock in the market. Per 50-lb. case, $6.00; per 35-lb. case, $4.50; per 25-lb. case, $3.50.

Green Cake Moss $1.25 per bag.

Immortelles Red, Purple, White, Blue, Pink, $2.75 per dozen bunches. Yellow, $2.25 per dozen bunches.

Palmetto Leaves For Decorations. Large size, $2.00 per 100; medium size, $1.50 per 100.

Leucothoe Sprays Bronze and Green, 90c per 100; $7.50 per 1000.

Green Sheet Moss Suitable to wrap around pots, per bbl. sack, $2.50.

Hemlock Branches $2.50 per large bundle.

Fancy Ferns $1.75 per 1000.

Remember the address, 110-112 W. 27th St., New York City. Tel. No. 597, Madison Square

CHRISTMAS GREETINGS!

BOONE, IA.—On the night of December 11 fire broke out in the greenhouse of John Loehrer, partially destroying it and ruining most of the stock, so that he has nothing to sell for Christmas.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By young single man experienced as assistant florist; good reference; state terms. Address Newton, 2025 Harlem ave., Baltimore, Md.

FOR RENT—Good chance for young man with small capital; 6000 feet of glass in a live Iowa city of 10,000; steam heat; cheap rent; necessary stock in good condition; possession given by March 1; write for particulars. C. G. Krieger, Mason City, Iowa.

FOR SALE—I have three nice greenhouses well stocked with Easter and spring plants; potting shed 12x50 feet; 1 large wagon shed, holds 2 wagons; 1 rose bed; about 25 sash for outdoor beds; good will and fixtures of a stall in the best market in Philadelphia; can get back price asked in 6 months; have good reason for selling. Apply to William G. Wenker, Powder Mill Lane, Frankford, Philadelphia, Pa.

SITUATION WANTED—As working foreman; first-class propagator; rose and carnation growing a specialty; age 35; single; with 20 years of experience in all branches of floriculture; state wages. Address No. 6, care Florists' Review, Chicago.

FOR SALE—On account of sickness I am obliged to sell my florist store located in good residence part of Chicago; well stocked and doing good cash business. Here is a chance for you. Address No. 7, care Florists' Review.

SITUATION WANTED—In or near Chicago by young man of 26, with 5 years' experience. Address No. 9, care Florists' Review, Chicago.

SITUATION WANTED—By florist and gardener; 21 years' experience; private place or public institution preferred; married; two children; address 2097 St. Anthony avenue, Merriam Park, St. Paul, Minn.

FOR SALE—Three greenhouses; 6000 feet of glass, newly built, well stocked; with one acre or more of land; good retail stand; 18-year lease; price, $3000; half cash, balance on time; or will take a partner with $1000 or $1500. In Chicago. Address No. 8, care Florists' Review, Chicago.

WANTED—A good man in flower store; must deliver and do other work pertaining to the florist business; state wages and particulars. Address E. Kitzinger, 568 N. Ashland Ave., Chicago.

FOR SALE—Half interest (or whole) in established seed business. New York state; party can have sole management; fine opportunity for man with $2000 or more. Address No. 5, care Florists' Review, Chicago.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

WANTED—A bright, hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first class saleman. Address, with references as to ability and character, stating wages desired, No. 205, care Florists' Review, Chicago.

FOR SALE.—One 35 horse-power horizontal tubular steam boiler, all complete except steam fittings, $70.00; one 6-in. Ericcson hot air engine $45.00; one 8 in. Ericcson hot air engine, $65.00; one 6-in. Rider hot air engine $95.00; one No. 5 Scollay good condition, $50.00; one No. 5 Weatbereds, good condition, $50.00; new guaranteed block pipe, full lengths, at 9¾ cts. ft.; second-hand pipe as follows: 2-in., 7½ cts.; 1¼-in., 5¾ cts.; 1¼-in. 4½ cts.; 1-in., 3¼ cts.; ¾-in., 3 cts.; second hand pipe cutters, $1.50; No. 1 stocks and dies, $4.00; No. 2 stocks and dies, $5.00. Guaranteed ¾-in. hose, will stand 150 lbs. water pressure, 7½ cts. ft.; not guaranteed, 4¾ cts. ft.; also a job lot of old fire hose; send for price and quantity. New greenhouse glass, 16x24, double, natural gas made, $3.50 box; 16x18, 14x20 double, $3.35 box; 12x16, single, $2.40 box; 10x14, 12x12, single, $2.28 box; 8x10 double, $3.10 box. Lot of new cypress for benches, $30.00 per 1000 ft. We furnish everything for building. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health.

JAS. RICHARDSON, London, Ohio.

Vegetable Forcing.

Chicago, Dec. 16.—Cucumbers, $1.25 to $1.50 doz.; leaf lettuce, 30 to 40 cents case; mushrooms, 30 cents pound; radishes, 40 to 50 cents dozen bunches.

FIGHTING INSECTS.

With almost any class of plants grown under glass it is a case of waging continual war against insects and the vegetable grower has, I think, more than the usual share to contend with. Constant vigilance is necessary to keep them in check and prevention is always better than cure.

Greenly is one of the most troublesome pests, especially in the lettuce house, and only those who have had experience in fighting it know how quickly this little fellow can multiply, for it does not take it and its offspring long to make a plant look sickly, once they get established. Tobacco stems freely used around the house is about the easiest way of upsetting their family arrangements. The stems should be tied in bundles, to prevent their getting scattered around, and laid on the hot water pipes. An occassional soaking with water will freshen the stems and when they fail to give off the desired aroma after being soaked, it is time to replace with fresh ones.

On the cucumbers red spider and sometimes thrips will put in their appearance, especially if the weather is such as necessitates hard firing and little air can be given. Frequent syringing is about the only preventive for these, but on account of the softness of the foliage too much force must not be used. A fine spray diligently applied will keep the plants clean, but to be effective it must be begun at an early stage of the plant's growth, before the insects put in their appearance.

The white tomato fly is of more recent introduction. It is only within the last few years that it has visited this section, and of all the insect enemies we have, it is the hardest to eradicate. I believe that nothing less than that extreme measure hydrocyanic acid gas will kill it out, but as this must be used so very carefully I would not recommend it to those who have had no experience with it. Tobacco stems distributed as recommended for greenfly, and frequent light smokings with tobacco powder, will keep it in check. I say light smoking as heavy smoking will injure the foliage of tomatoes very quickly. I like the powder better than stems to smoke with, as it burns more slowly, never causing a dense smoke. If started in the evening it will keep burning the greater part of the night. I place a 6-inch potful on a piece of tin, which is laid on the floor of the house, and in the center of the dust place a piece of live coal to start it. For a house 18x50 feet I use two potfuls, one near each end of the house. This makes the smoke just about as strong as the tomato plants will stand it.

W. S. Croydon.

I consider the Review the best dollar's worth extant.—A. W. Warren, Jerseyville, Ill.

Toronto, Ont.—Grobba & Wandrey are reported as about to put up a range of six new houses. They have a fine lot of stuff for Christmas.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O., Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis Mo., June, 1904.

Chicago seems to be the center of the sweet corn disturbance at present.

The Sunday Review, of Decatur, Ill., contains a write-up of J. C. Suffern's work in seed breeding and growing.

Many of the green podded varieties of beans which it was thought would thrash out big, are falling down in quite serious fashion.

The recent report that C. C. Morse & Co., Santa Clara, Cal., have fenced their barnyard is supplemented by late advices to the effect that the fence will soon be painted.

The Customs Appraiser at Philadelphia has recently raised the valuation on several consignments of seeds from France without regard to what the stock was contracted for months ago.

Cucumber tests show up a great deal better than it was thought they would. Out of twenty different lots tested only a few have fallen below seventy per cent. This is considered a good showing for crops harvested this year.

There is one thing that must not be lost sight of when the value of sweet corn is in question. It is germination. Sweet corn that will test up to ninety per cent is of double the value of that which tests fifty to sixty per cent.

Visited Chicago: Chas. W. Kimberlin, of J. M. Kimberlin & Co., Santa Clara, Cal.; C. P. Braslan, San Jose, Cal.; W. H. Johns, of Sioux City, and his brother, who has charge of the Sioux City Seed Co. growing affairs at Millington, Mich.

The Leonard Seed Co., Chicago, reports that its new onion set warehouse at Jefferson Park is quite an improvement over the city storage formerly used. A properly built onion house has many advantages, not the least being its added security as a frost proof shelter during zero weather.

Several inquiries have reached this office desiring full information as to the new postoffice ruling applying to inserts in seed catalogues. There has been no new ruling; the same rules apply this year as last. There is a summary of all the postoffice rules touching third class matter to be had at any postoffice for the asking.

The appearance of the 1904 issue of some of the retail catalogues is expected shortly. It is hoped that the usual mesmeric sympathy will have worked in the minds of those who decide the prices. The bulk of the press work on many of the catalogues is well under way, consequently any radical price changing is out of the question. The standard varieties, as a rule, are likely to be priced about the same as last year. There may be considerable variation in the sweet corn prices. Cucumber prices are likely to be quite uniform, as the shortage of that standard is well understood. Onion seed may vary, but each individual firm has its own special stocks, which go regardless of the lower or higher price quoted by others. The standard varieties of onion are likely to be lower, rather than higher, as compared with last year. Green podded beans should be higher than last year; wax pods and poles about the same. Hubbard squash will stand an advance; other varieties in general will be about as last year. It is remarkable how uniformly prices average up in the seed catalogues when each firm is so cautious about giving anything out in advance as to what their prices will be. The source of supply is open to all, and all are used alike in the deliveries. There should be less uneasiness and more harmony in this matter of prices.

The John H. Allan Seed Co. has just issued a circular letter to the trade, dated at Sheboygan, Wis., which shows a serious falling off from deliveries they expected to make some time back. They regret that the report comes so late, but state that conditions have been so unusual this season that nothing short of actual weighing up after milling and hand picking determines quantities. Estimates based upon the usual conservative methods of determining probable returns won't hold good this year. The report covers most of the varieties of peas and beans and it will be a disappointment to many who have been expecting better returns.

SALE OF LANDRETH FARMS.

Judge McPherson, in the United States District Court, on December 12, granted the petition of Bayard Henry, receiver of the bankruptcy estate of D. Landreth's Sons, seed merchants, for leave to sell certain property of the estate to Burnett Landreth and S. Philip Landreth. The property to be sold is the Bloomsdale and Reedland farms, in Bucks county, Pennsylvania, and Burlington county, New Jersey, and the Court approved the price, $13,563.97, by the receiver for the farms.

PHILADELPHIA SEED NOTES

We are just getting advice from our western growers of cucumber seed, giving us percentages for delivery of crop 1903 which have been as follows:

	Per cent.
Improved Long Green	60
Extra Ey. Long Green	5
Long Green Turkey	25
Nichols' Med. Green	20
Improved White Spine	5
Peerless White Spine	25
Ex. Long White Spine	25
Arlington White Spine	20
Hill's Forcing White Spine	15
Evergreen White Spine	7
Early Cluster	45
Green Prolific	15
Ex. Ey. Green Prolific	15
Cool and Crisp	25
Japanese Climbing	30

Some of the lots sent in advance for early trade show this seed to be very light in weight and of poor appearance. Heretofore we would have been afraid to have sent out seed looking as it does, but under the pressure of short crops appearances will not count much so long as the strain is true. Some varieties have been reduced from one-third to one-half in bulk while milling.

One of the large growers states that the entire acreage of Chicago Pickle seed has been sold away from them, as well as forty acres of France and Jersey Pickle. It appears that some of the farmers have hidden seed and are now

S. & W. CO.'S RUSSIAN

S. & W. Co.'s Famous RUSSIAN VALLEY.

The Genuine Russian Lily of the Valley can only be procured from us. The genuine has our trade mark registered label inside and in sealed cases only.

THERE IS NONE GENUINE WITHOUT OUR REGISTERED TRADE MARK LABEL.

Branch Store, 404 E. 34th St. STUMPP & WALTER CO., 50 Barclay St., New York.

offering it to the trade through other channels. Not long ago a seed house here was offered by an outside party 400 pounds of Waterloo grown seed, White Spine cucumber, at $1.25 per pound. The seed was evidently held by a farmer who was under contract to deliver it to the grower. This same condition of affairs existed in a section of New Jersey where cucumber, tomato and egg plant seed is grown. Certain outside parties are offering cucumber and tomato seed at about double the contract price and we are certain that some seed house is being defrauded of this seed.

WATERLOO VS. FREMONT.

Under date of Waterloo, Neb., December 7, J. C. Robinson sends the following circular letter to the trade:

I have just received the announcement of removal as sent out by the Western Seed and Irrigation Co., who formerly were at this place. As this announcement does not state the facts as they appear to me, I wish to make this statement: In buying out the Western Seed and Irrigation Co.'s warehouses at this place there were some conditions that entered into the transaction outside of the actual money consideration. One of these conditions was that we were to jointly announce the change to the Seed Trade, and each was to have the privilege of sending out a personal circular letter, it being understood that such letter was to be of a satisfactory character to the other party.

You have received my circular letter, which was a very plain, moderate statement of the sale. Mr. Emerson's letter in behalf of the Western Seed and Irrigation Co. is very unjust to Waterloo, its soil, its people and its seed dealers. Emerson bettered his railroad facilities at Fremont by having the Chicago and Northwestern railroad tracks; other than this he is no better located than before. As to the soil, I would not trade one acre of my land at Waterloo for any two acres at Fremont, outside of the corporate limits of the city. On one side it is heavy wet gumbo and on other pretty nearly clear sand, only suitable for growing peanuts, and in some years possibly watermelons. As a matter of fact, Fremont has not and never will grow vine crops successfully, and Emerson has not been getting his vine seed around Fremont; neither has he failed with his crops here at Waterloo, as he states, for the reason that for four or five years past he has had very little indeed grown near Waterloo.

We are hard struck this year, but, notwithstanding it all, we have the best soil for growing vine seed that there is in the United States, but are unable to overcome floods and climatic conditions that extended fourteen miles west of us just as completely and just as destructively as here at home.

We wish Mr. Emerson well at Fremont, but, believing an injustice has been done in his letter of announcement, we wish to state that we are still in the ring here and purpose to be somewhere near the front on the homestretch.

THE SEED GROWERS' TROUBLES.

I note the REVIEW closely, and as yet have seen but very little said concerning the situation of the seed grower. The last two seasons have been generally unsatisfactory to the vine seed growers. Most growers were unable to fill their orders complete, and under the circumstances were unable to get any benefit of the increased values of seeds. The cost of seed production is increasing, and the increased values of seeds certainly tempt one to cut out the contract business and sell his product on the market. This will be done largely if the dealers decline paying more for seed another year. The seed famine for two years in succession will practically clean up all surpluses and, should we make full crops next year, we would have no trouble to sell our products on the market, and at paying prices. I would like to hear from the growers generally and let us get together. I would be pleased, also, to have the views of others who might care to express themselves.

D. H. GILBERT.

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

SURPLUS BULBS.

SINGLE HYACINTHS for Bedding or Forcing, Light Blue, Pink and Pure White, $2 75 per 100; $23.00 per 1000.

NARCISSUS TRUMPET MAJOR	$7.50 per 1000
NARCISSUS VON SION, good forcing grade	12 00 "
ROMAN HYACINTHS, 12 to 15 cms.	25.00 "
CALLA ETHIOPICA, 5½ to 7-inch circumference	8.00 per 100
HARRISII LILY, 5 to 7-inch	3 50 "
PARROT TULIPS, best mixture	7.00 per 1000
CHINESE NARCISSUS.....per basket, 30 bulbs, $1.25	
Per bale, 4 baskets (120 bulbs)	4.25

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

JAPANESE LILIES NOW READY!

	Per Doz.	Per 100	Per 1000
Lilium Auratum, 8 9 (150 bulbs to case)	$0 65	$4.00	$38.00
" " 9-11 100 bulbs to case)	.90	6 50	60 00
" Speciosum Album, 8-9 (160 bulbs to case)	.75	5.50	48.00
" " " 9 11 (100 bulbs to case)	.90	6 50	60.00
" " Rubrum, 8 9 (160 bulbs to case)	.75	5.50	48.00
" " Rubrum 9 11 (100 bulbs to case)	.91	6 50	60.00
" Longiflorum Multiflorum	.60	3.75	.....

CLEARANCE SALE—HYACINTHS, TULIPS, ETC. WRITE FOR SURPLUS LIST.
Write for Florists' Wholesale List. Just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Burpee's Seeds Grow

SEEDS THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.
COTTON GRAIN BAGS. CHICAGO ILL.

BULBS FOR FORCING and BEDDING.
BEST GRADES ONLY.
Write for special prices.
W. C. BECKERT, - ALLEGHENY, PA.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention Review when you write.

ESTABLISHED 1802.
Thorburn's Bulbs
Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.
LILY OF THE VALLEY PIPS.
Just arrived new crop seed of
ASPARAGUS PLUMOSUS ROBUSTUS
Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.
$1.00 per 100 seeds; $9.00 per 1000 seeds.
Our new Trade List will be ready the first of January and will be mailed to dealers on application.
J. M. THORBURN & CO.
36 Cortlandt St., NEW YORK.
Mention the Review when you write.

SAMUEL S. PENNOCK,
LIBERTIES, VALLEY.
Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write.

Write for Free Sample
BOX = WOOD SPRAYS
$15.00 100 lbs.
Pittsburg Cut Flower Co. Ltd.
Wholesale Florists
504 Liberty Ave., PITTSBURG, PA.
Roses, Valley, Beauties, Carnations.
Mention Review when you write.

CLEVELAND.

The Market.

Roses, carnations and mums are getting scarcer, and if the cuts keep getting lighter there will be a decided shortage for the Christmas demand, and prices will probably reach $8, $12 and $15 for roses and $3, $4, $6 and $8 for carnations. A few mums will be on hand, but no prices are quoted on them. All of our rose growers are off crop, and there will not be any change for the better until about January 15. The carnation growers are complaining bitterly about the small cut so far this season and unless the plants do much better than those of last season the profit on the year's work will be very small.

Various Items.

The weather up to Saturday was fine; then a thaw with rain set in, which made it very disagreeable, and on Sunday it was snowing, with a high wind and the temperature about 20 degrees above.

The west side florists have been very busy the past week, with funeral orders, the Ehrbar Floral Co. having one seven-foot broken column that required four men to handle. This was sent to the funeral of one of our patrolmen, with many other fine pieces. C. B. Wilhelmy sent out many pieces last week, and was very busy. H. Piggott was too busy to stop and tell how the new store was doing.

C. B. Wilhelmy has cut most of his mums and says he is very sorry to have them so near finished. E.

NEW HAVEN, CONN.

Trade has fallen off a little, which is generally the way in this city before the Christmas rush begins. If it were not for the debutantes there would have been a greater slump in the cut flower market. At the reception for Miss Fitch, bouquets of orchids, American Beauties and violets were presented. The drawing rooms were bowers of Bride and Bridesmaid roses, maidenhair ferns, being used for a background. Miss Chittenden was also presented with bouquets of roses and violets in profusion and the rooms decorated with palms and cut flowers.

Holly and Christmas greens have made their appearance in great quantities and Christmas bells and chimes are seen in all the windows.

You lose a cent, the price of a postal, if the samples we send you do not prove that RIGHT RIBBONS are better in quality and lower in price than the ribbons you are now using. Being better in quality and cheaper, you will save many cents, (yes, dollars as well) and improve the appearance of your flowers. No other mill has better facilities for manufacturing the right kind of ribbons for Florists to use. Ribbons are woven and colors dyed specially to match, and the result is a trifle advance over the usual kind. Write us for samples of Holly, the Violet shades, the Foliage blends; and remember, when buying RIGHT RIBBONS you save all between profits.

The Pine Tree Silk Mills Company
Philadelphia

Florists who know, use the Right Ribbons in these qualities:—
MONARCH—Satin Taffeta—CLIMAX.
CONQUEROR Metallique Taffeta—CYCLONE.
All Wanted Widths.
OFFICE AND SALESROOMS:
806-808-810 ARCH STREET.
Mention the Review when you write.

An Invitation
is extended to buyers of
Roses for CHRISTMAS and all Winter
to come here and see the quality and quantity we can supply.
HELLER BROS.,
South Park Floral Co., NEW CASTLE, IND.
Mention the Review when you write.

Violets seem to be the only cut flower which exceeds the demand. Roses keep up to the demand, although red ones are being held back as much as possible. Carnations are the scarcest cut flower in the market and it is a continuous hustle to get enough to fill orders.

A few sweet peas have been sold but the people of this city do not take kindly to sweet peas until March or April.

Most all the retailers have been to New York and New Jersey buying up large stocks of cyclamen, Lorraine begonias and azaleas, as they expect this year to be a record breaker. S. H. W.

The Review is the cheapest help I ever employed; always ready to help a fellow out, never kicks or has things on the dry side, all for 2 cents a week.—W. A. Herbert, Wellsville, O.

CHRISTMAS

Orders received now for choice stock of all varieties : : : :

WRITE FOR QUOTATIONS.

LEO NIESSEN, 1217 Arch St., Philadelphia, Pa.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

CHRISTMAS PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$12 00
30 inch stems	10 00
24-inch stems	8 00
20-inch stems	6 00
15-inch stems	4 00
12-inch stems	3 00
8 inch stems	2 00
Meteor per 100	12 00 to 15 00

	Per 100
Bridesmaids	$12 00 to $15 00
Bride	12 00 to 15 00
Ivory	12 00 to 15 00
Liberty	10 00 to 20 00
Golden Gate	12 00 to 15 00
Perle	8 00 to 10 00
Carnations, good	5 00
" fancy	6 00
" extra fancy	8 00 to 10 00
White Bonnaffon Mums, per doz.	2 00 to 2 50

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention the Review when you write.

If you want Beauties and Carnations, write, phone or wire **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., PHILADELPHIA.

Mention the Review when you write.

CONSIGNMENTS CARNATIONS WANTED.

Best market price and sales assured. Address No. **4,** care Florists' Review, Chicago.

Mention the Review when you write.

Mistletoe

FOR THE HOLIDAYS.

Give us your inquiries.

The Walker Seed Co.

Oklahoma City, Okla.

Mention the Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention the Review when you write.

WE can't do without the REVIEW.—ANDREW BATHER, Clinton, Ia.

THE REVIEW is worth a good deal to me; I would not know how to get along without it.—GEO. O. KLEIN, Beards, Ky.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 16.

	Per doz.
Beauties, Specials	$5.00 to 6.00
" Extra	4.00
" No. 1	2.50 to 3.00
" Shorts	1.50 to 2.00
Queen of Edgely, No. 1	5.00
" " " No. 2	2.50 to 3.00
" " " No. 3	1.50 to 2.00

	Per 100
Bride and Bridesmaid, Specials	12.00 to 15.00
" " Extra	4.00 to 8.00
Golden Gate, Firsts	12.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Specials	25.00 to 50.00
" Firsts	15.00 to 25.00
" Seconds	5.00 to 12.00
Meteor, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Ideal, Firsts	12.00 to 15.00
" Seconds	5.00 to 8.00
Orchids—Cattleyas	50.00 to 60.00
" Cypripediums	12.50 to 15.00
" Dendrobium Formosum	40.00
Carnations, Commons	2.00 to 4.00
" Selects	5.00 to 6.00
" Novelties	8.00 to 10.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
Bouvardia	3.00 to 4.00
Callas	10.00 to 12.50
Chrysanthemums, Ordinary	4.00 to 10.00
" Fancy	18.00 to 25.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Narcissus, Paper White	3.00 to 4.00
Poinsettias	12.50 to 25.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.50
Violets, Double	1.50 to 2.00
" Single	.75 to 1.00

....THE....

COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

Mention the Review when you write.

EDWARD REID,

WHOLESALE FLORIST.

SWEET PEAS A SPECIALTY

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m.
Long Distance Telephone.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Bouvardia, Valley

1432 South Penn Square, **Philadelphia.**

C. A. DUNN & CO.

Wholesale Florists,

1516-18 Sansom St. **PHILADELPHIA.**

Heliotropes, Poinsettias, Violets.

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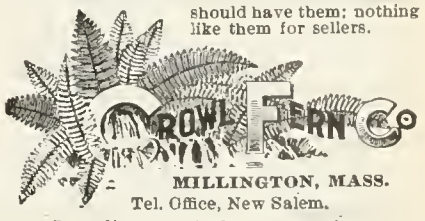

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New York, Dec. 14.

	Per 100
Beauties, Specials	$25.00 to $10.00
" Extra	10.00 to 20.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 12.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	4.00 to 12.00
Liberty	4.00 to 20.00
Meteor	3.00 to 8.00
Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 2.00
" Selects	2.50 to 4.00
" Fancies	4.00 to 5.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	.25 to .50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	6.00 to 10.00
Chrysanthemums,	6.00 to 25.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	1.00 to 2.00
" fancy	2.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	6.00 to 8.00
Violets, ordinary	.50 to .75
" extra	1.00 to 1.50

Since our last report prices have declined slightly and now hold fairly steady at about the above quotations. It is a limited supply rather than an increased demand that holds the market. A dull week is looked for, with the usual Christmas boom about Tuesday or Wednesday. Zero weather is predicted.

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Florists' Review

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Wholesale Cut Flower Prices.

Boston, Dec. 16.

	Per 100
Beauties, Specials	$40.00 to $50.00
" No. 1	30.00 to 35.00
" Shorts	4.00 to 6.00
Brides and Bridesmaids, Specials	12.00 to 16.00
" " Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	4.00 to 6.00
Caruot	6.00 to 8.00
Cusin	2.00 to 4.00
Kaiserin	6.00 to 10.00
Liberty	4.00 to 12.00
Mme. C. Testout	2.00 to 6.00
Magna Charta	12.00 to 15.00
Meteor	4.00 to 8.00
Mrs. Morgan	4.00 to 8.00
Papa Gontier	4.00 to 6.00
Perle	4.00 to 8.00
Sunrise	6.00 to 8.00
Orchids—Cattleyas	33.00
" Cypripediums	12.50
" Dendrobium Formosum	25.00
Carnations, Common	2.00
" Selects	3.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	6.00 to 8.00
Asparagus plumosus, Strings	50.00
Bouvardia	2.00 to 8.00
Callas	12.50
Camellias	4.00 to 8.00
Chrysanthemums, ordinary	4.00 to 10.00
" " Fancy	8.00 to 16.00
Daisies	.50 to 1.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12.50
Lily of the Valley	2.00 to 5.00
Mignonette	1.50 to 4.00
Narcissus	3.00 to 4.00
Pansies	1.00
Poinsettias	6.00 to 9.00
Smilax	8.00 to 12.50
Stevia, per bunch	.15 to .20
Sweet Peas	1.00
Violets	.60 to 1.00
Galax	.10
Leucothe	1.00
Common Ferns	.15

Baltimore, Dec. 16.

	Per 100
Am. Beauty	$ 8.00 to $30.00
" Shorts	3.00 to 8.00
Bride and Bridesmaid	4.00 to 8.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 8.00
Liberty	4.00 to 10.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Carnations, Commons	1.25 to 2.00
" Selects	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus plumosus, Sprays	2.00
" Sprengeri, Sprays	2.00
Callas	10.00 to 12.00
Lily of the Valley	3.00 to 5.00
Poinsettias	15.00 to 25.00
Violets, ordinary	.75

Trade shows moderate activity and pretty much all offerings are taken at fair prices. Carnations are somewhat scarce and so are good roses, especially Beauties. The promise of a good Christmas trade is very encouraging.

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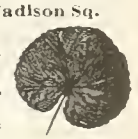

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Chicago, Dec. 16

	Per doz.
Beauties, 36-inch stems	$6.00
" 30 "	5.00
" 24 "	4.00
" 20 "	3.00
" 15 "	2.50
" 12 "	2.00
" Shorts	1.00 to 1.50

	Per 100
Bridesmaids, Specials	$6.00 to $10.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	8.00 to 12.00
" Seconds	5.00 to 7.00
Carnot, Firsts	6.00 to 12.00
" Seconds	4.00 to 5.00
Ivory, Firsts	5.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	6.00 to 10.00
" Seconds	3.00 to 5.00
Perles, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Carnations, Fancy	4.00 to 5.00
" Commons	1.50 to 3.00
Violets	1.00 to 1.50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Easter lilies, $2.00 doz.	
Callas, $1.50 per doz.	
Valley	3.00 to 4.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $1.50 per doz.	
Common ferns, per 1000, $2.00.	
Galax Leaves, $1.00 to $1.50 per 1000	

Cincinnati, Dec. 16.

	Per 100
Beauties, Specials	$50.00
" Extra	$30 00 to 40.00
" No. 1	15 00 to 25.00
" Shorts	8.00 to 10.00
Brides and Maids, Specials	8.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gates	3.00 to 8.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Commons	1.50 to 2.00
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00 to 12.50
Chrysaothemums, ordinary	10.00 to 15.00
Hyacinths, Roman	4.00
Lilium Harrisii	12 50 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	4.00
Smilax	12.50 to 15.00
Violets, ordinary	.50
" extra	2.00
Galax	.15
Leucothoe	.50
Common Ferns	.25

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Wholesale Cut Flower Prices.

Pittsburg, Dec. 16

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	30.00 to 35.00
" No. 1.	18.00 to 25.00
" Shorts	6.00 to 12.00
Brides and Maids, Specials	12.00
" " " Extra	6.00 to 8 00
" " " No. 1	4 00 to 5.00
" " " No. 2	2.00 to 3.00
Cusin	4.00 to 8.00
Golden Gate	2.00 to 8 00
Kaiserin	4.00 to 8.00
Liberty	6 00 to 15.00
Meteor	6.00 to 10.00
Perle	4.00 to 8 00
Sunrise	4 00 to 8.00
Carnations, Common	2.00
" Selects	3.00 to 4 00
" Fancy	5.00
Adiantum Cuneatum	1.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays	2.00 to 3 00
" Sprengeri, Sprays	2 00 to 3 00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	6.00 to 10.00
Daisies	1.50
Hyacinths, Roman	3.00 to 4.00
Lilium Longiflorum	10 00 to 15.00
Lily of the Valley	4.00 to 5.00
Mignonette	3.00 to 5 00
Narcissus, Paper White	3.00 to 4.00
Poinsettias	30.00 to 50.00
Smilax	10 00 to 15.00
Stevia	1.00 to 2 00
Sweet Peas	1 00 to 1.50
Violets, ordinary	.50 to .75
" extra	1.00 to 2.00

Detroit, Dec. 16.

	Per 100
Beauties, Specials	$40.00
" Extra	30.00
" No. 1	25.00
" Shorts	10.00 to 15.00
Brides and Maids, Specials	10.00
" " " Extra	8.00
" " " No. 1	7.00
" " " No. 2	6.00
Cusin	5.00 to 8.00
Golden Gate	5.00 to 10.00
Kaiserin	5.00 to 12.00
Meteors	6.00 to 10.00
Perle	6.00 to 10 00
Cattleyas	50.00
Cypripediums	25 00
Carnations	3.00 to 5.00
Adiantum Cuneatum	1.50
Asparagus plumosus, Strings	50.00 to 75.00
" Sprengeri	2 00 to 6.00
Callas	15.00
Hyacinths, Roman	4 00
Lilium Harrisii, per doz	2.00
Lily of the Valley	5 00
Poinsettias	20.00 to 30.00
Smilax	12.50
Violets	1.50

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Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention Review when you write.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

St. Louis, Dec. 16.

	Per doz.
Beauties, Specials	10.00 to 12.00
" Extra	6 00 to 9.00
" No. 1	3.00 to 4.00
" Shorts	1.50 to 2.50
	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	10.00 to 12.00
Golden Gate	8.00 to 10.00
Kaiserin	6.00 to 8.00
Liberty	6.00 to 10.00
Meteor	6.00 to 10.00
Perle	6 00 to 8.00
Sunrise	6.00 to 8.00
Carnations, Commons	3.00 to 4.00
" Fancies	6.00 to 8.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Hyacinths, Roman	3 00 to 4.00
Lily of the Valley	4.00 to 5.00
Mignonette, ordinary	3.00 to 5.00
" fancy	6.00 to 8.00
Narcissus	3 00 to 4.00
Poinsettias	12.50 to 15.00
Smilax	12.50 to 15.00
Stevia	1.25 to 1.50
Violets, ordinary	.75 to 1.00
" extra	1.25 to 1.50
Galax	.15
Common Ferns	.15

Milwaukee, Dec. 16.

	Per 100
Beauties, Extra	$35.00
" No. 1	18.00 to 25.00
" Shorts	6.00 to 8.00
Brides and Maids, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 6.00
Meteor	6.00 to 8.00
Perle	4.00 to 6.00
Carnations, Selects	2.00
" Fancies	3.00 to 4.00
Asparagus plumosus, Strings	50.00
" Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Bouvardia	4.00
Daisies	1.00
Lily of Valley	4 00
Narcissus	4.00
Smilax	15.00
Sweet Peas	2.00
Violets ordinary	1.00
" extra	1.50
Galax	.20

FRANK M. ELLIS, WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF.... SELECT VALLEY and AMERICAN BEAUTIES

Write us when in need of CHOICE STOCK. A complete line of FLORISTS' SUPPLIES.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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IN THE HEART OF
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TEL. 2270 38TH ST.
OUR MOTTO—"THE GOLDEN RULE."

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2139-2141 Broadway,
Tel. 192 Riverside,
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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1657-59 Buckingham Place, CHICAGO.

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Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
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311 SUTTER ST., SAN FRANCISCO, CAL.

Sievers & Boland.
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Send in your orders from everywhere to be delivered anywhere in the world : : :
WE CAN DO IT.
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409 5th Ave., NEW YORK.

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Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

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116 E. Fourth Street.
Long Distance Phone 2478.
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ALBANY and NEW YORK
or any place between
SALTFORD
at POUGHKEEPSIE
Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

A. WIEGAND & SONS,
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1610 to 1620 N. Illinois St., Indianapolis, Ind.

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Orders for
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WILL BE FILLED BY
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ESTABLISHED 1873.
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FLORIST,
1116 Walnut St., Kansas City, Mo.

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PORTLAND, ORE.

For the HOLIDAYS

When flowers are scarce and expensive your ingenuity is taxed to make a good show for the money.
TO MEET THIS NEED Mr. BAYERSDORFER BROUGHT OVER SOME OF THE

Prettiest FRENCH BASKETS imaginable, dainty little ones for violets or valley and beautifully proportioned long-handled ones for larger flowers. MAY WE SELECT YOU SOME NESTS OF EACH? THEY WILL COME IN HANDY DURING YOUR HOLIDAY RUSH.

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America. 50, 52, 54 and 56 North Fourth St., **Philadelphia.**

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RETAIL FLORISTS.
(CONTINUED.)

John Breitmeyer's Sons,
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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,
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2319 AVENUE M. Galveston, Tex.

U. J. VIRGIN,
838 Canal Street, NEW ORLEANS, LA.

FOLEY'S FLORAL FOTOGRAPHS
Send for my Floral Album, size 12x11, containing 24 different funeral designs Sent to any part of the country by express, $7.00 c. o. d.
226-226½ Bowery, NEW YORK.

As a CHRISTMAS ....PRESENT

To an appreciated employee or a friend in the trade, nothing will prove more acceptable and give more satisfaction than a copy of

The Florists' Manual
By WM. SCOTT.

It is a complete reference book for commercial florists and is exceedingly useful as well as handsomely bound.

PRICE $5.00, carriage prepaid.

FLORISTS' PUBLISHING COMPANY, CAXTON BUILDING, CHICAGO.

WE felt there was something missing from our business and note we have not renewed our subscription to the REVIEW; here is the dollar; please send the back numbers.—EGGELING FLORAL CO., St. Louis.

TORONTO.

The Market.

We are at present enjoying what is considered winter weather in Canada, although we have had rather a severe spell of it for this time of the year, especially from a florist's standpoint. Dark weather has prevailed for three weeks now, and following, as it has, a long spell of bright, warm weather, florists have been thrown off their guard and present appearances are that we will have a fine lot of stuff about the middle of January. Of course we do not intend to try to postpone Christmas to suit our belated comrades, but we can only extend them our sympathy. It is a peculiar thing to note that the florists who were considered to be behind time, who were late getting their new houses built, and late getting them planted, are going to be the men who will have the heaviest cuts for Christmas. The fact of the matter is that while the florists who had their houses planted early cut their first crop some time ago and expected their second crop for Christmas, are out, while the florist who was behind will be cutting his first crop. We don't recommend this system, as he might not hit on this again for a long time, but I have mentioned this to show the slow growth during the last month.

Business has been brisk in all lines and especially do we notice the big demand for supplies, including Christmas bells and other novelties. We do not hesitate to make the statement that one store in Toronto this year will sell as many bells as were sold in the whole of Canada last year. The demand for wreathing has been great and with the heavy snow in early winter, the supply has been very limited and nearly all of the supply houses are run out of moss for wreathing.

Notes.

Dunlop, during the week, has been showing a fine window of poinsettias and Prosperity carnations, the higher decorations for the window being Christmas bells and southern smilax. The attractiveness of this window stopped many a passer-by.

S. Tidy & Son have a window of American Beauties, which were certainly a credit to the grower. They are exceptionally fine for this time of the year.

We noticed among visitors to town this week: Mr. Webster, of St. Thomas; Miss F. E. Townsend, of Hamilton, and W. Findley, of Brampton. D. J.

BAYSIDE, L. I.

John McDonald has begun an action in the Supreme Court, as administrator of his wife, Sarah, against John Taylor, to recover $20,000 damages for her death. The complainant says that McDonald was a fireman in the employ of Mr. Taylor and lived with his wife in a cottage owned by the florist. The plaintiff alleges that in January last, after a quarrel, the defendant ordered him to vacate the house. The weather was very cold and the wife in delicate health. She died later, and McDonald claims that Taylor is responsible for her death. The defendant made a motion before Justice Mareau December 8 to compel the plaintiff to give security for costs, but Justice Mareau denied the motion.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, 7 varieties, $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, double, 3-in., $2.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Alyssum, superior grade, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

ARAUCARIAS.

Araucaria excelsa, 4 to 5 in. pots, 10 to 12 in. high, 3 tiers, 35c. to 40c.; 5¼-in. pots, 10 to 12 in. high, 3 tiers, 50c. each; 6-in. pots, 17 to 19 in. high, very broad, 3, 4 to 5 tiers, 75c. each; 4 to 5 tiers, 19 to 22 in. high, 90c to $1.00 each. Specimens, $1.25 to $1.50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2.00 to $2.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100. Sprengeri, from flats, $1.00 100, $5.00 1000; 4-in., $6.00, 2¼-in., $1.50 100, $12.50 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong plants, 3-in., $1.20 doz., $8.00 100; 4-in., $1.50 doz., $10.00 100; A. Springeri, 4-in., $1.00 doz., $8.00 100.
John R. Shreiner, Lancaster, Pa.

Asparagus plumosus nanus, strong plants, just ready for 4-in. pots, $4.00 per 100; fine 4-in. stock, $8.00 per 100.
The McGregor Bros. Co., Springfield, O.

Asparagus plumosus, 2½-in., $5.00 100; 3-in., $8.00 100; 3½-in., $10.00 100. Sprengeri, field-grown, $5.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2¼-inch, $3.00 100.
Walker & McLean, Youngstown, O.

Asparagus plumosus, 3-in., $7.00 100, $60.00 1000; 2-in., $3.50 100.
C. W. Cox, 2d and Bristol Sts., Philadelphia.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus plumosus nanus, 3-in., good value, $8.00 per 100. S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, 2-in., $2.00 per 100; $18.00 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus plumosus, 2½-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

250 Asparagus Sprengeri, 4-inch, $6.00 100.
Stover Floral Co., Grandville, Mich.

Asparagus Sprengeri, 2-inch, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., $1.20 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

AZALEAS.

Christmas plants now ready. Azalea Indica, Simon Mardner, Deutsche Perle and Vervaeneana in bud and bloom, 75c. to $1.00 each. Azalea mollis, 30c. each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones Elizabeth, N. J.

10,000 Azaleas for sale up to Easter; 2,000 now in bloom, from 50c to $1.50 each.
A. Leuthey, Roslindale, Boston, Mass.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maculata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias, 6 leading var., including Pres. Carnot, 4-in. pots, $8.00 100; 3-in., $5.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Begonia rubra, fine plants from 2½-in. pots, ready for shifting, $3.00 100.
The McGregor Bros. Co., Springfield, O.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2½-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

Begonia incarnata, 4-in., $6.00 100.
Nathan Smith & Son, Adrian, Mich.

Rex, 4-in., strong, 6c. Cash.
Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

Surplus stock of bulbs at cost—$3.50 per 100; $30.00 per 1000.

Single named hyacinths. La Franchise, white; Duc de Malakoff, yellow; Robert Steiger, red; Marie, purple blue; Regulus, light blue; Gen. Pellissier, scarlet; Baron Von Thuyll, white; Norma, light pink; La Perouse, blue; Grandeur a Merville, white; Anna Carolina, yellow; Giganthea, pink; Charles Dickens, striped; Gertrude, red; L'Innocence, white.

Double named hyacinths. Prince of Orange, scarlet; Bouquet Tendre, pink; Czar Nicholas, rosy pink; La Virginate, white; Wm. III, pink center; Prince of Saxony, dark; Prince of Waterloo, white; Blocksburg, blue; Garrick, purple; Goethe, yellow; Flevo, white; Bouquet Royal, pink; Charles Dickens, dark blue.

Mixed hyacinths. Under color $2.50 per 100; $22.50 per 1000.

We have a limited quantity of single and mixed tulips, narcissi, crocuses and other bulbs. Write us for prices on them.
SCHMIDT & BOTLEY, Springfield, O.

JAPANESE LILIES NOW READY.

	12.	100.	1000.
Lilium auratum:			
8-9, 130 to case	65c	$4.00	$38.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum album:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum rubrum:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium longid. multi	60c	3.75	

Clearance sale of hyacinths, tulips, etc. Write for surplus list. Write for florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Tritoma Pfitzeri, gladioli and all summer flowering bulbs. New trade list free.
JOHN LEWIS CHILDS, Floral Park, N. Y.

SURPLUS BULBS.

Single hyacinths for bedding or forcing, light blue, pink, and pure white, $2.75 100, $23.00 1000.

Narcissus Trumpet Major, $7.50 1000.

Narcissus Von Sion, good forcing grade, $12.00 1000.

Roman hyacinths, 12-15, $25.00 1000.

Calla Ethiopica, 5½ to 7-in. circumference, $8.00 100.

Harrisii Lilies, 5 to 7-in., $3.50 100.

Parrot Tulips, best mixture, $7.00 1000.

Chinese Narcissus, per basket 30 bulbs, $1.25; per bale, 4 baskets (120 bulbs), $4.25.
STORRS & HARRISON CO., Painesville, O.

Surplus Lil. Harrisii (Bermuda), from cold storage.

Case 400, 5x7	$8.00	1000, $17.50
Case 300, 6x7	8.00	1000, 23.00
Case 200, 7x9	9.00	1000, 40.00

Spiraea japonica, 12, 50c; 100, $3.25. Spiraea compt. multi., $12.60; 100, $3.75. Spiraea astilboides flori., 12, 75c; 100, $4.50.
H. H. Berger & Co., 47 Barclay St., N. Y.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, ¾-in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antiguon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Bulbs for forcing and bedding. Best grades only. Write for special prices.
W. C. Beckert, Allegheny, Pa.

CANNAS.

Cannas. The leaders. Good live eyes. Write for my prices.
A. B. Campbell, Cochranville, Pa.

Cannas, 15,000 best standard kinds, $2.00 100.
Bardeel Floral Co., Bowling Green, Ky.

CARNATIONS.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	6.00	50	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $50.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

If you need a good scarlet order Flamingo, there is none better. I can also supply Alhatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Carnation cuttings; 6000 Lawson ready, $3.00 100; $25.00 1000. Orders booked for January and February delivery of the following:

	100	1000		100	1000
Goethe	$3.00	$25	Genevieve L.	$2.50	$20
Prosperity	3.00	25	Gen. Maceo	2.50	20
Harry Fenn	3.00	25	Mrs. Joost	2.00	15
Manley	3.00	25	Wm. Scott	2.00	15
Mrs. Bradt	3.00	25	L. McGowan	2.00	15
Gen. Cervera	3.00	25			

Charles Weber, Lynbrook, L. I., N. Y.

Now ready, as fine stock as the best in the country: Enchantress, $6.00 100; $50.00 1000. Lawson, $2.00 100; $18.00 1000. Prosperity, $2.00 100; $18.00 1000. Peru, $1.50 100; $10.00 1000. The following will be ready January 1: Crane, America, Hill, Cloud, Queen Louise and Dorothy, $2.00 100; $17.50 1000. If stock is not satisfactory when received return it at my expense. W. W. COLES, Kokomo, Ind.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.

W. K. Partridge, Sta. R., Cincinnati, O.

Extra strong, well rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Roosevelt	$2.00	$15
Prosperity	3.00	25	Joost	1.50	12
Mrs. Bradt	3.00	25	Gen. Gomez	1.50	12
Manley	3.00	25	Q. Louise	2.00	15
Lawson	3.00	25	McGowan	1.50	12

Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Ruckham, 880 Van Dyke Ave., Detroit, Mich.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo. Niessen, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.	100	1000
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.

Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Queen Louise carnations still head the list as a commercial white. We have 16,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular, $1.25 100; $10.00 1000. Satisfaction guaranteed.

A. B. Davis & Son, Purcellville, Va.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

Carnations, ready to go out of cutting bench.

	100.	1000.		100.	1000.
Wolcott	$3.50	$30.00	Enchant'ss.	$5.00	$45.00
Lawson	3.00	25.00	Palmer	3.00	25.00
Harlow'den	5.00	.....	Hig'botham	4.00	.....
Prosperity	3.00	.....	Pond	5.00	.....

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, well-rooted and free from disease. Dec. 15th delivery. Innocence, Dorothy, Enquirer and Gov. Wolcott, $3.00 100, $18.00 1000. White Cloud, Glacier, Crane, $1.50 100, $12.50 1000. F. Hill, Joost, Marquis, $1.50 100, $12.50 1000. Cash.

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings.	100.	1000.
Lillian Pond	$5.00	$40.00
Enchantress	6.00	50.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

We are now booking orders for rooted carnation cuttings of the new and standard varieties for delivery early in January. You will make no mistake in ordering. Write me what you will require and get prices.

John H. Dunlop, Toronto, Ont.

FLAMINGO, the finest scarlet ever introduced. ALBATROSS, the whitest of the whites. SUNBIRD, the best of the yellows. Write the introducer. L. E. MARQUISEE, Syracuse, N. Y.

INDIANAPOLIS is the best bright pink carnation in sight. We ask you to come and see it growing—you will surely want it. Price: $2.50 doz., $12.00 100, $100.00 1000.

Baur & Smith, W. 38th, Indianapolis, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities, and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100; $75.00 1000.

Jerome A. Suydam, Flatbush, N. Y.

Orders booked now for carnation cuttings; clean, healthy and well rooted. Enchantress, $6.00 100. Lawson, $2.50 100; $20.00 1000. Flora Hill, $2.00 100; $15.00 1000. White Cloud, $1.50 100; $12.50 1000. Norway, $1.50 100.

D. C. Noble, Columbia City, Ind.

Only first-class rooted cuttings. Price per 100: Gov. Wolcott, $4.00; Lawson, $3.00; Hoosier Maid, White Cloud, Crane, Bradt, Roosevelt, $2.00; Marquis, Dorothy, $1.50. Cash or C. O. D. Henry Baer, Peoria, Ill.

Rooted carnation cuttings. Enchantress, Lillian Pond, $6.00 100; Boston Market, Gov. Wolcott, Prosperity, $2.00 100; Glacier, Joost, M. Glory, Lawson, Kohinoor, $1.50 100.

Stuppy Floral Co., St. Joseph, Mo.

The Queen, the best commercial white carnation to date. Rooted cuttings now ready. Price $6.00 100; $50.00 1000. Cash with order from unknown parties.

S. J. Goddard, Framingham, Mass.

Two new white carnations for 1904, LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

EXTRA GRADE CUTTINGS.

Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.

G. M. Naumann, Doan St., Cleveland, O.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.

W. E. HALL, Clyde, O.

The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.

H. A. Jahn, New Bedford, Mass.

Rooted carnation cuttings. Per 100: Lawson, $1.50; Boston Market, $2.00; a few hundred Enchantress, $5.00. Prepaid.

E. V. Myers, Florist, St. Joseph, Mo.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.

P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to.

John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.

Loomis Floral Co., Loomis, Cal.

Field-grown plants and rooted cuttings. Write for estimates on your wants.

W. H. Watson, Son & Co., Lapeer Mich.

Rooted carnations now ready. For varieties and prices see our displayed adv.

California Carnation Co., Loomis, Cal.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.

Rockville Greenhouses, Rockville Centre, N. Y.

Rooted and unrooted carnation cuttings. We prepay express charges.

The Knoll Nurseries, Penryn, Cal.

Carnations. For profit get Joost and Flora Hill, $1.00 per 100.

Burdett Floral Co., Bowling Green, Ky.

Wm. Scott carnations, 500 field-grown, $3.50 100. Converse Greenhouses, Webster, Mass.

CHRISTMAS PLANTS.

Aspidistra-elatior, green, $6.00 per 100 leaves; fol. var., $10.00 per 100 leaves. Spiraea japonica, $3.50 100; compacta multi, and astilboides, $4.00 100. Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100; A. mollis, $20.00 to $60.00 100. Rhododendrons, hybrids, for forcing, $45.00, $90.00 and $150.00 100. Dentzia gracilis, fine, pot-grown, $15.00 100; D. Lemoinei, pot-grown, $20.00. Lilacs, Chas. X. and M. Legraye, pot-grown, $45.00 100. H. P. roses, leading var., $10.00 100, $90.00 1000. Clematis, leading var., strong, true to name, $25.00 100. Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100. Buxus sempervirens, pyramids and standards, 4-ft. high, $150.00 100. Magnolia in var., to name, well-budded, $150.00 100. Aristolochia, Dutchman's pipe, strong plants, $40.00 100. Lonicera, extra strong, $25.00 100.

F. W. O. Schmitz, Prince Bay, N. Y.

Piersoni and Boston ferns, Latania borbonicas, Areca lutescens, Kentias Forsteriana and Belmoreana, Araucarias excelsa and compacta, Phoenix canariensis, Pandanus utilis, Ficus elasticas, Dracaena indivisas and azaleas. Correspondence solicited.

John Bader, Troy Hill, Allegheny, Pa.

CHRYSANTHEMUMS.

Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thorndon, $10.00 100; Geo. W. Childs, Vivland-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Robt. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.

Walker & McLean, Youngstown, O.

Must have room. Stock mums at 50c doz., $3.00 100. Appleton, Adele, Eclipse, Edna Prass, Kalb, Childs, Parr, Ivory, Shaw, Dean, Mayflower, Murdock, Maj. Bonnaffon, Millbrook, Mrs. Robinson, Niveus, Pennsylvania, Rieman, Rose Owen, Polar Queen, Eaton, Tuxedo, The Queen, White Bonnaffon, Lincoln, Chadwick and Yellow Fellow. Cash with order.

Andrew Bather, Clinton, Iowa.

Chrysanthemums, Mlle. M. Liger, Miss A. Byron, E. Molyneux, Mrs. F. S. Vallia, 20 cents each, $2.00 per doz. Mabel Morgan, Mme. Herrewege, C. J. Salter, Mme. P. Radelli, Mrs. Barkley, 15 cents each; $1.50 per doz. Orders booked for Lord Salisbury, Lovelinesa, Lord Hopetoun, Convention Hall, Dorbin's Pride, Mrs. Thirkell, W. R. Church, for early delivery. Write for prices. All first-class stock.

G. A. Lotze, Jr., Glenburnie, Md.

Stock 'mums, ready as flowers are cut, Marie Liger, A. J. Balfour, 35c each; Nellie Pockett, Yellow Eaton, Mrs. Chamberlain, 25c each; Orizaba, Merza, Polly Rose, Mrs. E. D. Smith, Alice Byron, Mrs. Coombes, Sonci, Merula, 10c each; 30 standard sorts, including Glory of Pacific, Ivory, Eaton, Appleton, Philadelphia, Willowbrook, Cresco, Mrs. Robinson Mrs. Jerome Jones, 6c each.

Stuppy Floral Co., St. Joseph, Mo.

Stock chrysanthemums. Strong plants from bench of

Appleton
T. Eaton
Bonnaffon
Mrs. J. Jones
Maud Dean
Morel
Golden Wedding
Pres. W. R. Smith
Ivory
Lincoln
Pennsylvania

75c. per doz.; $3.00 per 100; 50 at 100 rate.

D. P. Smith, Filat, Mich.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.

Also stock plants of Bonnaffon, Ivory, Wannmaker, Parr and several other standard varieties at same price.

Joseph Bancroft & Son, Cedar Falls, Iowa.

Mum stock plants, Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each. Alice Byron, Mrs. F. J. Tranter, Goldmine, 15c each, stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings. W. A. Chalfant, Springfield, Mo.

Chrysanthemums. The finest NOVELTIES and all the leading PRIZE WINNERS; also all the best Australian and other introductions. Order from our displayed adv. or write us.

H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.

G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemum stock plants. Appleton, Mrs. Coombes, Pockett, Eaton, Chadwick, Estelle, 10c ea., $8.00 100. Golden Wedding, Murdock, Robinson, Henderson, Polly Rose, Pacific, White and Yellow Jones, 75c doz., $5.00 100. All strong plants from bench. Cash.

Critchell's, Avondale, Cincinnati, O.

Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.

F. R. Hills, 1000 No. 8th Ave. Maywood, Ill.

Chrysanthemum stock plants in the following varieties at 75c a doz.: Pennsylvania, Philadelphia, Mrs. H. Robinson, Mme. Bergmann, Ivory, Mrs. Perrin, Major Bonnaffon, Mutual Friend and Golden Wedding.

C. C. POLLWORTH CO., Milwaukee, Wis.

Hardy pompon chrysanthemum list of over 100 varieties now ready. Ask for it. Orders booked now for spring.

R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.

Louis Derocher, Avon, Mass.

CHRYSANTHEMUMS—Continued.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Superba, Lav. Queen, Whilldin, Wedding, $5.00 100. Chamberlain, white Bonnaffon, $10.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Chrysanthemums: Col. Appleton, Eaton and Pennsylvania, $5.00 100; Major Bonnaffon, Queen and Halliday, $3.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 doz. Liger, Richardson, Yellow Eaton, $1.50 doz.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum stock plants, 50c doz. Polly Rose, Opah, T. Eaton, Yanariva, Xeno, Bonnaffon. W. G. Kroeber, Box 357, Danbury, Conn.

ESTELLE, the money-making mum. Strong stock plants, $1.50 doz. Get true stock from the originator. H. M. Altick, Dayton, O.

Chrysanthemums. Stock plants, early varieties now ready. Write for varieties and prices.
H. Weber & Sons, Oakland, Md.

Mums. Glory of Pacific and Polly Rose plants, from flats, $1.25 100 by mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemum stock plants. See displayed adv. W. J. & M. S. Vesey, Fort Wayne, Ind.

CINERARIAS.

Cineraria hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cinerarias for Easter blooming. Dwarf large-flowering, 2-in., $1.50 100.
J. W. Miller, Hatton, Pa.

Cineraria hybrida, fine strain, 6-in. pots. Price on application.
Waite & Eccles, Sea Cliff, L. I., N. Y.

Cinerarias. Strong plants, 4-in., $5.00 100; 5-in., $6.00. F. J. Prouty, Spencer, Mass.

Cinerarias, ready for 4-in., $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Anatio, Tex.

COLEUS.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., 35c doz.; $1.50 100. Cash.
Dann & Son, Westfield, N. Y.

CRYPTOMERIAS.

Cryptomeria japonica, 2-in., $5.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas by the 1000. Get my pricea.
F. H. KRAMER, Washington, D. C.

CYCLAMEN.

Cyclamen giganteum, extremely fine, very full budded, just coming into bloom. All colors, 4 and 5-in. pots, 2 doz., $5.50; $15.00 and $18.00 per 100.
Mount Honnes Conservatories, Fishkill, N. Y.

Cyclamens, fine Christmas stock. 4-in., $1.00 doz., $7.00 100; 5-in., $2.00 doz., $15.00 100; 6-in., $4.00 doz., $25.00 100. Cash.
Critchell's, Avondale, Cincinnati, O.

Cyclamen. Fine plants in bloom, 6-in., $6.00 doz.
Geo. A. Rackham, 880 Van Dyke, Detroit, Mich.

Cyclamen gigauteum, well set with buds, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

Cyclamen gig., large-flowered, 3-in., $5.00.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Cyclamen, well set, with buds, $12.00 per 100.
C. Winterich, Defiance, O.

DAHLIAS.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Dahlias, 30 named varieties, true to name, just as dug, $5.00 per 100. Send for catalogue.
F. L. Tinkham, Main St., Brockton, Mass.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Daisies, giant double; fine plants, 35c 100; $2.50 1000. J. C. Schmidt Co., Bristol, Pa.

DEUTZIAS.

1500 Deutzia gracilis, 3 years old, fine plants for 7-inch pots, $10.00 per 100. Cash.
C. Ribsam & Son, Trenton, N. J.

DRACÆNAS.

Dracaena indivisa, 3½-in. pots, fine, bushy plants ready for a shift, at $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Dracaena Bruanti, 6-in. pots, 25 in. high and up, 50c, each; $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa from flats, $1.50 per 100.
Walker & McLean, Youngstown, O.

Dracaena indivisa, 2-in., $2.50 100.
E. L. Rawlings, Quakertown, Pa.

FERNS.

CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.
4-in. pots .....$0.50 each, $ 5.50 doz.
5-in. pots ..... 0.75 each, 8.50 doz.
7-in. pots ..... 2.00 each, 23.00 doz.
8-in. pots ..... 2.75 each, 32.00 doz.
For larger specimen plants, prices on application.

FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000. 4-in. pots, $12.00 100, $110.00 1000.

ADIANTUM CUNEATUM, very bushy, 4-in. pots, $12.00 100; $110.00 1000; 500 at 1000 rate.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

PIERSONI, FOSTER AND BOSTONS.
PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.
ANNA FOSTER ferns, 2½-in., $5.00 per 100, $40.00 per 1000; 3-in., $8.00 per 100; 6-in., 75c each; 7-in., $1.00 each.
BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

Piersoni ferns. Per 100: 2¼-in., $10.00; 3-in., $15.00; 4-in., $20.00. These plants are ready for a shift into larger sizes, and will make fine stock for Easter sales. I have about 10,000. You must speak quickly if you want any at these figures. Cash with order. Write for special prices on Boston ferns.
Chas. H. Campbell, 3601 Germantown Ave., Philadelphia, Pa.

BOSTON FERNS, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Bench-grown Bostons in all sizes.
PIERSONI FERNS, young plants from bench, $15.00 100; 2½-in., $20.00 100; 4-in., 50c each; 5-in., 75c each.
All stock extra fine. Cash with order.
DAVIS BROS, Geneva, Ill.

ANNA FOSTER ferns, cut from bench, for 6-in., $35.00 100. Beautiful plants in pots, 5-in., $4.00; 6-in., $9.00; 7-in., $15.00; 8-in., $24.00; 9-in., $30.00 per doz.
BOSTONS. Full, large plants cut from bench, $50.00 per 100; also in any quantity, $25.00 100.
L. H. FOSTER, Dorchester, Mass.

Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for ferneries at $3.00 per 100. Get our snap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

Boston ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 30 to 35 in. high, 75c each. Specimens, 7-in. pots, $1.00 each. Large, 5-in. pots, 25c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
F. H. KRAMER, Washington, D. C.

Piersoni ferns, 2¼-in., $20.00 100; 5-in., $1.00 each; 6-in., $1.50 each. Bostoniensis, 5-in., 25c ea.; 6-in., 35c ea. Cordata compacta, 5-in., 25c ea.; 6-in., 35c ea.
Nathan Smith & Son, Adrian, Mich.

Boston ferns from bench, $25.00 per 100; 2¼-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Piersoni ferns from bench, ready for 8-in., $1.25 each. Bostons, ready for 6-in., 15c each.
A. B. Campbell, Cochranville, Pa.

Boston ferns, fit for 5 and 6-in. pots, fine, at $15.00 and $20.00 per 100. Cash, please.
Benj. Connell, West Grove, Pa.

Boston ferns, 2½-in., $3.50 per 100; 3½-in., $6.00 per 100; 4-in., $8.00 per 100; 5-in., $12.00 per 100. Fine stock.
The McGregor Bros. Co., Springfield, O.

Boston ferns, from benches, fine, strong plants, $35.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Boston and Piersoni ferns in sizes, pot-grown, from 2½ to 10-in. Nothing better for Christmas. Order early.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 2½-in., $4.00 per 100; $35.00 per 1000. Pierson ferns, 2½-inch, $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Adiantum cuneatum, 4-inch, $15.00 100; Nephrolepis Wittboldii, 3-inch, $8.00 100.
Walker & McLean, Youngstown, O.

Small ferns for fern dishes; strong plants, 2¼-in., $3.00 100, $25.00 1000. Cash.
Oechslin Bros., 1688 W. Madison St., Chicago.

Adiantum Farleyense, strong plants, 3-in., $12.00 100; 4-in., $20.00 100.
W. A. Hammond, Richmond, Va.

Boston ferns, 7-in., $1.00; 8-in., $1.25; 9-in., $1.50 each. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, bushy, 5-in., $2.50 doz.; 6-in., $4.00 doz.
Converse Greenhouses, Webster, Mass.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
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Forget-me-nots, large-flowering, 2¼-in., 45c doz., $3.00 100.
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Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100.
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Headquarters for rooted cuttings. Over 100,000 ready for shipment. S. A. Nutt in 10,000 lots, Dbl. Grant, Buchner, Perkins, Bruanti, Favorite, Landry, Montmort, Charotte, Jaunlua, Triumph de Patteras, the best scarlet border dwarf, $10.00 per 1000; Ricard, Harrison, Viaud, Castellane, (Poitevine in 10,000 lots), $12.00 per 1000; Charles Gervais, the best dbl. rose-pink in the market, $3.00 per 100. Write for price list. Peter Brown, Lancaster, Pa.

50,000 geraniums true to name, S. A. Nutt, crimson; Buchner, La Favorite, dbl. white; Perkins, pink; Heteranthe, scarlet, 2¼-in., $2.25 100. Rooted cuttings, $1.50 100. A. Ricard, B. Poitevine, J. Viaud, 2¼-in., $2.50 100. Rooted cuttings, $1.75 100. Also Trego, Little Pink and 20 other varieties.
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Geraniums, fine 2½-inch pots, $2.50 100; $20.00 1000. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol. Bridoux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Bacharle's White, Tamative, Gloire Bondeau, Alphonse Ricard.
NATIONAL PLANT CO., Dayton, O.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Brnaot, Queen of West, Siegle Gen. Grant, etc., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Well rooted cuttings true to name, Jean Viaud, S. A. Nutt, Mme. Buchner, $1.00 per 100; $9.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Countess de Harcourt, $1.25 per 100; $10.00 per 1000.
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Geraniums from 2¼-in., $2.00 per 100. Ricard, Perkins, Poitevine, Hill, Dryden, Bruant, Viaud, Mme. Jaulin, De Castellane, Marvel, La Favorite, Mrs. J. M. Guar, Queen of West, Mrs. A. Blanc, Mme. Brunnt and type. Strong stock. Satisfaction guaranteed.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
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Geraniums. Superb bedders. Viaud, Ricard, Mme. Buchner, Nutt, Hill, Poitevine, strong R. O., $1.50 100, $14.00 1000. Cash.
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Geraniums, 12 good varieties, 2-in., our selection, $2.00 100, $15.00 1000. Cash or C. O. D.
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Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gossilo, J. J. Harrison. Best dbl. dark pink, dbl. salmon pink and single scarlet at $1.00 per 100, cash. Logan Ave. Greenhouses, R. R. 2., Danville, Ill

We have a large stock of the finest and most popular sorts of geraniums for florists' use, in excellent condition from 2¼-in. pots. For varities and prices see displayed adv.
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Geraniums. Mixed rooted cuttings of Mme. Landry, La Favorite, Lauth and others. A good mixed lot, $1.25 100 by mail postpaid.
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Rooted cuttings, best bedders, $15.00 per 1000. Mme. Salleroi, $15.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

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Gladiolus bulbs. Fancy mixture, 1st size, $8.00 1000; 2nd size, $6.00 1000. Good mixture, 1st size, $6.00 1000; 2nd size, $4.00 1000. Discount on large orders.
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Gladiolus May for forcing and Groff's hybrids, large bulbs, $5.00 per 1000. Cash. Sample for stamps. P. O. Coblentz, New Madison, O.

Gladioli. Augusta, 1sts and 2nds; Groff's, small. Mrs. A. H. Austin, R. D., Wayland, O.

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Grasses. Erianthus Ravennae, Eulalia striatis, Gracillima nulvittata, and Japonica zebrina, $5.00 per 100.
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Poa trivialis variegata, fine for fern dishes, 2-inch, $2.50 100; 3-inch, $5.00 100.
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Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A fine assortment of conifers on hand. Write me for prices.
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Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
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White Lilac, 7 ft., $30.00 to $35.00 100. Cash. Rockville Greenhouses, Rockville Centre, N. Y.

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Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
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Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c.
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OTAKSA, THOS. HOGG, with 4 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $8.00.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
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English ivy, field-grown, $4.00 100. Cash.
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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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The finest in the market for early forcing, $1.50 100; $14.00 1000; $35.00 per case of 2500. This stock is unsurpassed.
Bruns' extra fine Berlin pips for early forcing, $1.25 100; $12.00 1000; $30.00 per case of 2500.
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Empress brand, finest Berlin. Case 3000, $36.00; 1000, $12.50; 100, $1.50. Prize valley, finest Berlin. Case 2500, $26.00; 1000, $10.00; 100, $1.25.
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Lily of the valley pips.
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Mistletoe. Fine, well-berried, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Satisfaction guaranteed. Mrs. Geo. J. Starr, Wilson, N. C.

Mistletoe of the best quality—it's guaranteed. W. W. Barnard & Co., 161 Kinzie St., Chicago.

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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

Cattleya Trianae, established and unestablished. Address
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Areca lutecens, several plants together, bushy and strong.

4-in.,	18-20 in. from ground	$ .25
5-in.,	20-24 in. from ground	.50
6-in.,	24-30 in. from ground	.75
6-in.,	30-36 in. from ground	1.00
8-in.,	36-42 in. from ground	2.00
10-in.,	50-60 in. from ground	5.00
10-in.,	55-60 in. from ground	6.00
10-in.,	60-72 in. from ground	7.00
Latania borbonica, excellent stock.		
4-in.,	2-4 char. lvs	.20
6-in.,	4-5 char. lvs	.50
6-in.,	5-6 char. lvs	.75
8-in.,	7-9 char. lvs., good	1.50

Cocos Weddeliana, 2x3-in. pots, 6 to 8 inches above pot, 10c each. For full line of palms send for price list.
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CORYPHA AUSTRALIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea., $3.50 per 10; 6-in., 20 to 22 in. high, 5 to 6 lvs., 50c ea., $4.50 per 10. CHAMAEROPS HUMILIS, 5-in., 18 to 20 in. high, 4 to 5 lvs., 40c ea. PHOENIX TENUIS, 5-in., 20 to 22 in. high, 4 to 5 lvs., 40c ea.; 7-in., 24 to 26 in. high, 4 to 5 lvs., 75c ea. LATANIA BORBONICA, 5-in., 18 to 20 in. high, 3 to 4 lvs., 28c ea., $2.50 per 10, $20.00 per 100; 6-in., 20 to 25 in. high, 4 to 5 lvs., 45c ea., $4.00 per 10, $35.00 per 100. Spot cash with order. For other sorts see wholesale list. Send for it.
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2-in. pots	$3.50 per 100;	$30.00 per 1000
6-in. pots	.85 each;	9.00 per doz.

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2-in. pots	$4.00 per 100;	$35.00 per 1000
6-in. pots	6.00 per doz.;	40.00 per 100

PHOENIX CANARIENSIS

6-in. pots	$6.00 per doz.;	$40.00 per 100

PANDANUS VEITCHII

3-in. pots	$2.50 per doz.
4-in. pots	5.00 per doz.
5-in. pots	9.00 per doz.

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Large Areca lutescens, several plants to pot, 6½ to 7 ft. high, $12.50 per plant; 5½ to 6½ ft. high, $10.00 per plant. 3 plants in 6-in. pots, 2½ ft. high, $9.00 per doz. plants; 2 and 3 plants, in 4-in. pot, 18 to 22 inches high, $4.00 per doz. plants.

Latanias, 8-in. pots, 1 plant to pot, 8 to 10 lvs., $18.00 per doz.; 6-in., 1 plant to pot, 7 to 9 lvs., $9.00 per doz.; 6-in., 1 plant to pot, 5 to 7 lvs., $6.00 per doz. Prices of kentias, pandanuses, etc., on application.
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KENTIA BELMOREANA.
Fine healthy stock, absolutely free from scale.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	4-5	10-12	$15.00	$140.00
4-in.	5-6	15-18	25.00	220.00

KENTIA FORSTERIANA.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	3-4	12	$15.00	$140.00
4-in.	4-5	16	25.00	230.00

500 at 1000 rate.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

	Pots.	Leaves.	In. high.	12	100
Latania Borbonica	3-in.	4-5		$10	$75
Latania Borbonica	3-in.	3-5	chr.	12-15	2.00
Latania Borbonica	5-in.	3-5	chr.	15-18	2.50
Kentia Belmoreana	2½"	3-4	chr.	$-10	1.50
Kentia Belmoreana	3-in.	3-5	chr.	10-15	1.75

Sherman Nursery Co., Charles City, Iowa.

Kentia Forsteriana and Belmoreans, 6-in. pots, medium sized, about 30 in., 75c. each; Belmoreana, 5½-in. pots, 5 to 6 lvs., 20 to 25 in. high, 50c. each; Kentia Forsteriana and Belmoreana, 4-in. pots, 10c. each; Areca lutescens, 4-in. pots, 10c. each.
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Kentias, 2½-in., $8.00 100; $75.00 1000; good for making up baskets. Kentia Belmoreana, 6-in. "made-up plants"; $7.00 per doz.
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Pedestal-grown Pandanus Veitchii, 9-in., 30 to 34 inches high above pots, $3.50 ea.; 10-in., 36 to 42 inches high above pots, $5.00 ea.
J. Welsh Young, Germantown, Pa.

Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100.
Walker & McLean, Youngstown, O.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100; $50.00 1000.
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Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each.
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Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Kentia Belmoreana, 4-inch pots, $2.00 doz.
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Kentias—all sizes—all prices.
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Pansy plants. Largest flowering mixture of show varieties, unsurpassed quality, strong stocky plants, $3.00 per 1000. 500 at 1000 rate. In 5000 lots, $2.50 per 1000.
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Pansy plants, fine strain, 40c per 100; $2.00 per 1000. Cash.
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Pansy plants, fine, 50c 100, $2.50 1000. Cash.
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Pelargonium rooted cuttings, 15 var., all named, $2.25 100, prepaid. Cash.
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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
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Petunia, rooted cuttings, named, all double, $1.25 100, $10.00 1000. Express paid.
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Dbl.-fringed petunias, ten novelties, labeled, $1.00 100, $9.00 1000. Cash.
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Chinese primroses. International strain, finest grown and fine stock, 4-in., $1.50 doz., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; good Christmas plants. Primula obconica, grandiflora rosea and alba, mixed, mostly rose and tinted flowers; extra large flowered and choice stock and ready for larger pots, 4-in., extra heavy, $12.00 100; choice 4-in., $10.00 100; 3-in., $5.00 100; 2½-in., $2.50 100; 2-in., $2.00 100. All the above plants are first-class stock and such as you need for your Christmas trade.
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Chinese primroses. International strain, fine bushy plants from 4-in., $6.00 per 100. Also cinerarias, dwarf, large-flowering, from 4-in., $6.00 per 100. The above stock is all first-class A No. 1 but must sell it at a sacrifice to make room for other stock. Cash with order.
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Chinese primroses. Large, clean, 6-in. pot plants in full bloom and bud, just the thing for Christmas sales, $20.00 per 100. Cash.
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PRIMULAS—Continued.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
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Primulas and primroses, 3-in., very strong, in bud and bloom, 50c per doz., $3.00 per 100. Cash, please.
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Primula obconica grand, alba, rosea and fimbriata, strong plants, 2½-in., $3.00 100, $25.00 1000. Cash.
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Primulas—Chinese and Obconica—2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

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Baby primrose, Forbesi, 40c doz., $2.00 100.
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Chinese primroses, pink, 3-in., $5.00 100.
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Rooted cuttings of verbenas, coleus, heliotropes, Mme. Sallerol geraniums, dbl. white petunias, salvias, feverfew, ageratums, daisies, red and yellow alternantheras, all true to name. Safe arrival and satisfaction guaranteed. Express charges prepaid. Cash or C. O. D.
C. Hmmfeld, Clay Center, Kan.

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FIELD-GROWN ROSES.

Our strong, stocky, northern-grown rose bushes are the kind that successful florists prefer for forcing. They are sound, hard and well ripened and contain stored-up vigor that makes healthy growth and fine flowers. Our stock this year is even more than usually fine.

Budded plants marked †. On own-roots *.

The following $15.00 per 100: †American Beauty, *Crimson Rambler, XXX, 4-6 feet; *†Dorothy Perkins, †Gloire Lyonaise, †Harrison's Yellow, †La France, †Mrs. Sharman-Crawford, †Persian Yellow, *†Prince Camille de Rohan, *†Irich Brunner.

The following $12.00 per 100: †Alfred Colomb, †Anne de Diesbach, †Baron de Bonstetten, †Climb, *†Coquette des Alps, *Coquette des Blanches, †Countess de Serenye, †Chas. Lefebvre, †Gen. Jacqueminot, *†Gen. Washington, *†John Hopper, *John Keynes, †Mme. Gabriel Luizet, *Mme. Georges Bruant, *†Marchioness of Lorne, *†Margaret Dickson, *†Oakmont, *†Paul Neyron, †Victor Verdier.

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Please state when ordering whether budded or own-root plants are preferred and give second choice of varieties in case first selection should have been sold.
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Souveoir de Catherine Guillot, the finest orange-red, self-colored rose, good size, fully double, profuse and continuous bloomer, erect stems, sweet scented and dark foliage, easy to force in winter by 60 to 70 degrees; 3-in., per 100, $10.00; 2-in., per 100, $5.00.
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2000 Clothilde Soupert, white, on own roots, field grown, now in cold storage, very fine plants for 5 and 6-in. pots, $9.00 per 100. Cash.
C. Ribsam & Son, Trenton, N. J.

Rose cuttings. Beauty, $3.00; Bride, Ivory, Gate, Maid, Meteor, $1.50 100, Bride, 3-in., $4.00 100; $37.50 1000.
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2000 2-year roses, fine to pot up for spring sales, $6.00 per 100. All standard varieties.
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Manetti stock for fall delivery.
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Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz.; 5-in., strong, 25c, $3.00 doz.
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Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias St. Louis and Bonfire, $1.00 100. Cash. Buckley Plant Co., Springfield, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
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Johnson & Stokes' MAMMOTH VERBENAS New crop seed. Is unsurpassed for immense size of florets, large trusses and beautiful, bright and distinct colors. J. & S. Choice mixed, 2000 seeds, 20c; oz., $1.00. Separate shades, white, pink, scarlet, purple and striped, 2000 seeds, 25c; oz., $1.25.

Burbank's Shasta daisy, seed saved from largest flowers, 20c 100, $1.25 1000 seeds.

New crop smilax, 20c oz., $2.50 lb.

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Asparagus plumosus robustus grows more rapidly, yields more sprays for cutting and is more valuable for florists than other sorts; 100 seeds, $1.00; 1000 seeds, $9.00.
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Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Michell's Mammoth verbena seed has a national reputation for vigor, size of bloom and vivid colorings. All colors, separate, 30c trade pkt.; ¼-oz., 50c; oz., $1.50.
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Wholesale price list of seeds for florists and market gardeners.
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Rawson's Arlington tested seeds for florists. Catalogue free.
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Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1,000 rate. Cash with order. Order early, as stock is limited.
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Smilax, large bushy plants out of 2½-in., $1.00 100; $8.50 1000.
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Smilax, fine heavy strings from now till Xmas, $1.50 doz. W. G. Kroeber, Danbury, Conn.

Cut smilax, 6-ft. strings, 10c. To move it quickly. Chas. Pommert, Amelia, O.

Smilax, 2¼-in., 60c 100, $5.00 1000. Cash.
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Smilax, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, a superior grade, $3.00 100.
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Smilax, 2-in., 75c 100.
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Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

BUSINESS BRINGERS—
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PARSLEY—Small plants from seed bed, 25c per 100, $1.25 per 1000.

LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

Cash with order.

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Lettuce plants. Grand Rapids, Boston Market and other var., $1.00 1000, $8.50 10,000. Large stocky plants. J. C. Schmidt Co., Bristol, Pa.

FORCING TOMATOES. Lorillard and Mayflower, selected stock, 2½-inch pots, $2.00 100. Cash. Benj. Connell, West Grove, Pa.

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Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular. J. L. Dillon, Bloomsburg, Pa.

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Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
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Vinca major, 6-in., $3.00 doz.
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Violets. Swanley White clumps, $4.00 100. Princess of Wales clumps, $5.00 100. All good from bench. 2½-in. Campbell and Swanley White, $2.00 100. The violet grower.
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Holly and green. Xmas trees, mistletoe, etc. We handle only the best.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
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Bronze or green galax and leucothoe sprays at lowest prices.
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Galax, bronze or green, and small green galax for violets.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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Tobacco stems and siftings for sale. Write
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NICOTICIDE kills all greenhouse pests.
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Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

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Tree and plant labels.
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Krick's adjustable flower pot handle and hanger.
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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Those RED pots. The right kind.
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Red pots. Write for prices and sample pot.
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Long Spanish moss for decorating. If you have never seen any send 15c for large sample package. Air plants, palms, ferns, sea shells from Florida keys.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass

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American brand FLORIST FOIL—The standard foil of America.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Wired toothpicks, box of 10,000, $1.50.
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Model Extension carnation supports and galvanized rose stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Excelsior carnation supports. In use 10 years. Write H. F. Littlefield, Worcester, Mass.

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We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

Wire work of all kinds for florists. Send for price list.
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We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

IF YOU have retail orders to be delivered in other cities consult the advertising page headed "Leading Retail Florists."

TWO years ago we wrote you to discontinue the REVIEW until such time as McKinley's prosperity should strike the south, and as it has reached our corner now, we hasten to renew our subscription to your valued paper.—A. A. PANTET & Co., Fort Smith, Ark.

MY stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

CORINTH, MISS.—Annie E. Pollock, who does a nice florist business, says trade is light this season, except funeral work.

HIAWATHA, KAN.—J. W. Margrave is undoubtedly the oldest active florist in this country. He is well started in his ninetieth year.

MURPHYSBORO, ILL.—L. R. Allen built a rose house 19x70 and a residence adjoining the greenhouses the past summer. Stock is in good shape for Christmas.

A LONDON press telegram reports some big prices for new varieties potatoes. Four pounds of Eldorado are stated to have brought $3,000 and ten tons of Northern Star brought $15,000.

POUGHKEEPSIE, N. Y.—Thomas Devoy & Sons have a new geranium named Telegraph which was certificated at the recent show and which will be disseminated next year. It is a very robust grower and profuse bloomer.

MEXICO, MO.—C. C. Wonneman started in business eight years ago, with two houses containing about 3,000 feet of glass. He has steadily enlarged until he now has 10,000 feet of glass, growing a miscellaneous stock for retail trade. Two more houses will go up next spring. This fall a new brick boiler house was built and a Boynton heater installed, which has proved very satisfactory.

I CONSIDER the REVIEW the best trade paper published.—LEWIS R. ALLEN, Murphysboro, Ill.

I CONSIDER the REVIEW the best paper for florists yet published.—E. J. HULL, Olyphant, Pa.

HERE'S another dollar; we can't do without the REVIEW.—W. G. PAYNE, Girardsville, Pa.

YOUR classified advs. are certainly very productive of results. —WM. BIERSTADT & SON, Springfield, Ill.

YOU WOULD find a copy of the Florists' Manual, by William Scott, the greatest money saver you can add to your equipment.

WE feel that we could not get along without the REVIEW, as it gives us valuable information we need every day in our business.—ADGATE & SON, Warren, Ohio.

I like your paper very much. It is an educator and a convenience as well. I read it carefully every week, and have from the first.—F. P. AVERY, Tunkhannoch, Pa.

I WISH to state that I am well pleased with Scott's Manual, which I got last year. It is very helpful. No florist should be without one. JOHN L. MEYER, Devon, Pa.

WE are entirely sold out of Asparagus plumosus such as we advertised in your paper. We certainly got good returns from your classified advs.—THE LIVINGSTON SEED CO., Columbus, O.

I RECENTLY saw a copy of Scott's Manual and don't understand how any up-to-date florist can afford to do without it; I enclose $5; send me a copy at once.—A. L. RAUB, Easton, Pa.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

MANY eastern nurseries are reported sold down closely on Tea's weeping mulberry.

ALBERT C. TUTTLE, one of the pioneer nurserymen of Wisconsin, died at Baraboo December 6, aged 65 years.

PROF. N. E. HANSEN, of Brookings, S. D., advocates Pyrus baccata as a stock for apple grafts for the northwest.

THE heirs of J. Sterling Morton propose to erect a monument to the memory of that distinguished horticulturist by creating on the estate at Nebraska City, Neb., an arboretum which shall include specimens of every plant which is hardy in that latitude. C. E. Dwyer is in charge of the estate.

HUNTSVILLE, ALA.—W. F. Heikes, manager of the Huntsville Wholesale Nursery, has purchased the Metz farm of eighty acres near the city and the firm will establish warehouses and shipping headquarters there. The Alabama Nursery Company is arranging to build a big warehouse at Mercury.

SPRINGFIELD, O.—Springfield men have organized a nursery company in Mississippi and on December 9 a number of the stockholders left for that state to look over the ground and arrange for business. The new company is to be known as the Good Nursery Company, and has a capital stock of $60,000. John M. Good is at the head of the enterprise, and he has interested with him Albert Hahn, L. Vinney, Edwin S. Houck, Ward Welsh and L. S. Job. They propose to purchase a plantation at about $37,000. They have an option on the land.

MERRILL, WIS.—N. Grievelding has just installed a new boiler and has his place in good shape for winter.

WE could not do business without your paper.—CALLISTER-SMITH, Irondequoit, N. Y.

THE AMERICAN
CARNATION

HOW TO GROW IT.
FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing: complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands or every grower.

Sent carriage paid on receipt of $3.50.

Florists' Publishing Company,
Caxton Bldg., Chicago.

LARGE, BUSHY
HYDRANGEA
Paniculata Grandiflora.
4 to 5 feet.
$3.00 per doz.; $15.00 per 100;
$120.00 per 1000.
ANDORRA NURSERIES
Chestnut Hill, PHILADELPHIA, PA.
Mention Review when you write.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
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W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
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Send to THE MOON
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For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
Morrisville, Pa.
Mention the Review when you write.

RHODODENDRONS
Large stock of forcing varieties just received; plants are well budded. All the good ones, such as Mrs. John Waterer, Kate Waterer Prince Camille de Rohan, Catawbiensis Grandiflora and several other good kinds. Write us for list of varieties and prices.
Ozone Park Nurseries, Ozone Park, L. I., N.Y.
Mention the Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention the Review when you write

Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

WE enclose a dollar for another year of the REVIEW. Your paper we consider the best paper, for both the experienced and inexperienced, of any of the florists' papers; we could not think of doing business without.—W. J. MILLER & SON, Pontiac, Ill.

PACIFIC COAST.

SANTA CRUZ, CAL.—The Leedham Bulb Company is now cutting large quantities of Paper White narcissi from outside beds, and is beginning to cut Ard Righ daffodils inside. Geo. Butler has purchased the glass for a large new house to be erected soon. The vines in his cucumber houses are in splendid shape and he is beginning to cut in quantity for market.

PLANT NOTES.

Carnations and Gophers.

Any nurseryman in this part of California will tell you that the demand for carnation plants for use in private gardens is not as large as it was formerly. There are several reasons for this. The skill of the greenhouse grower has developed such a large, perfect flower and long stem, that those grown outside, even under the best conditions, are not to be compared either in texture of bloom or quality of stem and the only dealers who use them are the street venders who sell large bunches for a mere trifle during the spring and summer months. Another reason given by people who have often very fine collections of garden plants is that the gophers have such a liking for the roots of any kind of a carnation that when they taste one they burrow under an entire garden and eat off all the carnation roots first before they bother with anything else. One gopher will clear out a whole bed of pinks in a night, leaving nothing but the wilted tops on the ground, each plant eaten completely off below the surface.

Roses, and many other garden plants are next in line for Mr. Gopher and in a couple of days he can do many dollars' worth of damage. To exterminate these annoying rodents I have found that carrot and strychnine are the best. Open the freshest looking burrow to a depth of eighteen inches and take out all the loose soil until you are sure you have found the hole. Then having previously cut up a carrot into cubes of about one inch square in which you have made a little slit with the point of a penknife, drop in about as much strychnine as you can pick up with the point of the knife. Put these pieces of carrot each on the end of a sharp stick and push them down the gopher hole. That gentleman always makes a tour of inspection very shortly after his burrow is opened and when he finds the carrot, eats it and that ends him. It is a good plan to put a slice in each run, as there is often more than one gopher in a garden. I have found that they do not eat carrot so readily when it has been much handled and it is a good idea to soak the pieces in a pan of water before you put the poison in them and avoid touching with the fingers at all after that.

In this way I have cleared many acres of ground from these pesky gophers, and with a little patience I have never known this method to fail. I have discarded traps of all kinds, as they do not do the work quickly enough. Care should be taken that the pieces of carrot if found to be uneaten at the end of twenty-four hours are renewed and the others disposed of where children or pet animals of any kind will not get at them.

Returning to carnations, the varieties that succeed outside best in the central

portion of California are in whites. Flora Hill; reds, America and Portia; pink, Ethel Crocker and Scott; and yellow, Eldorado. Most of the variegated varieties burst the calyx badly, and some of our finest greenhouse sorts are of little value when planted in the garden. G.

SAN FRANCISCO.

The Market.

We have had clear, cold weather all the week and considerable frost at night. Business is very quiet. Several of our retail men have had considerable funeral work the last two days but outside of this there is little doing. Carnations are more plentiful than they were a year ago and they are somewhat cheaper. Fancy varieties can be bought wholesale at three dozen for $1 and most of the other sorts at 25 cents per dozen. This is ridiculously cheap but we have many more growers this season than ever before and, as business is not rushing at present, there is plenty of stock to go around and low prices are the rule. Good roses are scarce, however, and fancy stock is not in evidence at all. Good American Beauties sell wholesale at from $2 to $3 per dozen for the best, and short stemmed can be had at about half that price. Bridesmaid, Bride, Testout and Kaiserin are selling at 50 cents per dozen for the shorter stemmed flowers and 75 cents per dozen for fairly good stock. Maiden hair fern is scarce with most of the growers, but there is plenty of asparagus and smilax. Violets are still scarce; in fact, I have never seen so few of them for sale on the streets at this season of the year. The cold, frosty weather seems to keep them back so much that most of the growers who usually cut from ten to twenty dozen bunches per day have to be satisfied with half that quantity. The best flowers sell at from $1 to $1.25 per dozen bunches and the bunches are not very large either. It will be necessary to have another good spell of rainy weather before violets become plentiful. Roman hyacinths are being brought in in fair quantity and Paper White narcissi are more plentiful. They are used by the smaller dealers in large quantities in funeral work and sell wholesale at $1 per hundred stems. Chrysanthemums are daily getting scarcer and more shabby: that is, those grown outside. Some very fine Bonnaffon and Mrs. Jerome Jones are exhibited by Sievers & Boland, but they are about the last of the season.

Notes.

James Skinner, of Portland, Oregon, is in town. He ships large quantities of Oregon graperoot leaves (Mahonia aquifolium) to the dealers in green goods here and is just now making arrangements to deliver several car loads of Christmas trees to the dealers. G.

LOS ANGELES, CAL.

Business in the stores and nurseries is excellent. The local carnation growers have been unable to fully meet the demand, and consignments have been received from San Francisco.

Captain Gray, of the Ingleside Floral Co., has placed his nursery in charge of J. Gilmore, who was formerly with E. W. McLellan & Co., of Burlingame, Cal.

The Ocean Park Floral Co. is at present busy planting carnations out in the field, direct from the propagating bench.

500,000 Rooted Carnation Cuttings Now Ready.

TRANSPLANTED AT SAME PRICE.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	6.00	45.00	200.00
White Cloud	1.00	9.00	35.00
Pink.			
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35.00
Genevieve Lord	1.00	9.00	35.00
Argyle	1 00	9.00	35.00
Mrs. Joost	1.20	10 00	40.00
Mermaid	1.20	10.00	40 00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.50	20.00	90 00
Cressbrook	2.50	20.00	90.00
Mrs. Roosevelt	5 00	45.00	200.00
Enchantress	6.00	50 00	250 00
Success	4 00	35 00	150 00
McKinley	6.00	55.00	250 00
Triumph	1 20	11.00	50.00
Wm. Scott	1 20	11.00	50.00
Dorothy	2.00	15.00	

25 at 100 rate. 250 at 1000 rate.

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10.00	40 00
Estelle	1 50	14.00	65.00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Adonis	7.00	65.00	300.00
Crimson.			
Harlowarden	$5.00	$45.00	$200.00
Gov. Roosevelt	1.20	11.00	50.00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14.00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450.00
Marshall Field	5.00	45 00	200 00
Tiger (Fancy)	5 00	45.00	200.00
Stella	3.00	25.00	100.00
Bradt	1.75	15.00	70.00
Armazindy	1 00	9.00	35.00
Viola Allen	3.00	25.00	100 00

2500 at 5000 rate.

Unrooted Cuttings at half price.

TERMS:—Spot Cash. No discount given, no matter how large the order. We prepay express charges at above figures to your city. If on arrival they are not satisfactory return at once and money will be returned at once; we cannot vary from these terms.

California Carnation Co., Lock Box 103. **Loomis, Cal.**

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1 20	$10.00	$ 40 00
Flora Hill	1 20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125.00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25 00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40 00
Mermaid	1.20	10 00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5 00	45 00	200 00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10 00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65 00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10.00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45 00	200.00
Gov. Roosevelt	1.20	11.00	50 00
Yellow			
Eldorado	1.00	9 00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Gaiety	3.00	25.00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

CASH WITH ORDER.

We prepay express charges and guarantee satisfaction. We have as fine rooted cuttings as were ever grown. If our cuttings are not satisfactory return at once and your money will be refunded.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

Dietrich & Huston, nurserymen, are putting up two new lath houses and a large propagating house.

A good many eastern gardeners have arrived in Los Angeles during the last two months, and I believe this is due to an article signed "Poppy" in another trade paper last August, stating that there was not a competent gardener in southern California. There are and always have been gardeners of the best type in southern California. "Poppy" was driving a hotel bus not long ago. A few years in the nursery business would be a benefit to him.

There is plenty of room here for practical growers with capital enough to engage in business. Of the other kind the supply more than equals the demand.

Considerable has been said and written about stem-rot in carnations. It can be avoided by proper treatment. When planting out in the field plants for later use under glass, use a hoe and open a furrow as deep as your hoe. Fill this furrow two-thirds full with as good soil as you will use on your bench, and then rake in enough of the field soil to fill up the trench. Then with the hoe chop the length of the trench, after which tread

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Q. Louise	$1 20	$10.00	Mrs. Hig'bo'm	1.30	$12.00
Flora Hill	1.20	10 00	Mrs P. Palm'r	1.30	12 00
Mrs T. Laws'n	1 40	11.00	Eldorado	1.20	10.00
Mermaid	1.00	10 00	Prosperity	1.40	12 50

Unrooted cuttings half price. Cash with order, express paid.

THE KNOLL NURSERIES, Penryn, Cal.

Mention Review when you write.

the trench with both feet, stepping sideways, and rake off to even it. This results in concentrating the roots, the sides of the trench being harder than the soil in it, and the roots run in the trench instead of over the field. This enables you to lift a ball of fibrous roots instead of merely a main root and a few branches. Plant as deep as your plants will allow. When lifted for the bench you will find a stem at least three inches long. Plant in bench to the top of the ball, and the stem, if the plant is not waterlogged at the first watering, will harden so there will be no danger of stem-rot or other rot attacking them.

For field blooming stock I advise planting as shallow as possible, thereby keeping the stem well up in the light and air. H. B.

HOLLY....

The best that the market affords.

Place your orders with us and you will not be disappointed.

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of Christmas **Evergreens**

GALAX, Bronze or Green, $1.00 per 1000.

FERNS, Fancy, $1.50; Dagger, $1.00 per 1000. Prices for larger quantities on application.

468 Sixth Ave., between 28th and 29th Sts., NEW YORK.

Telephone 1431 Madison Square

Mention the Review when you write

PITTSBURG.

The Market.

Business for the past week was very good. The demand for most all the material was for weddings and debutantes. The quality of stock is gradually becoming better. Carnations are coming in a much better condition, and the outlook for Christmas on this flower is very promising. American Beauties are the best roses in the market at the present time. A limited quantity of Maids and Brides are being received. In novelties, sweet peas, baby primroses, mignonette and sweet alyssum all meet with good demand. The plantsmen report a very good demand for decorative stocks.

Notes.

E. C. Ludwig, Gustav and J. W. Ludwig and John Bader have secured space for the disposal of Christmas trees and greens at Carnegie Hall place, Allegheny, Pa.

Randolph & McClements had several large decorations last week.

Mr. Breitenstein, who spent a few days in New York, has returned home.

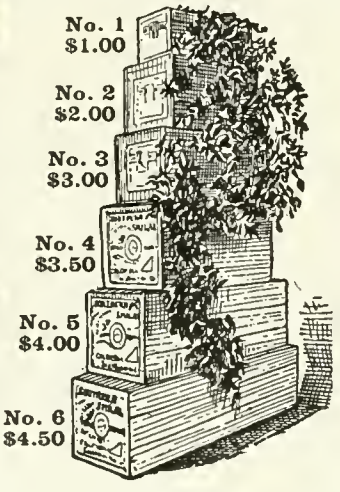
Thomas Ulam left Monday night for New York and Boston. Hoo-Hoo.

Wild Smilax, **RUSHED!** 50-lb. case, $2.00 Cash.

Southern Pines, per 100	$5.00 to $8.00
Magnolia Sprays, per 50-lb. case	2.50
Berried Holly, per 50-lb case	3.00
Sabal Palm Crowns, the very best, per doz	3.00
Sabal Palm Leaves, " " " per case	3.00
Chamaerops Crowns, doz., $3.00; Leaves, 100,	3.00

SOUTHERN WILDWOOD CO., Garland, Ala.

Mention the Review when you write.



Caldwell's Kwality Kounts Brands Southern WILD SMILAX.

Terms—Cash with orders from unknown correspondents.

And we will do it again! What?

WHY--FILL ALL OF YOUR ORDERS AT ALL TIMES

SO WILL OUR AGENTS:

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
GEO. M. KELLOGG, Kansas City, Mo.
REED & KELLER, New York City.

A full supply always on hand at these points and prices same as ours -- plus cost of carriage.

Caldwell The Woodsman Co.

EVERGREEN, ALABAMA.

MISTLETOE. 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50

SATISFACTION GUARANTEED.

Write for Special Prices on large lots.

MRS. GEO. J. STARR, Wilson, N. C.

Mention the Review when you write.

Our stock of Decorative Plants is in fine condition. All are clean, vigorous, healthy Plants of good color, which will sell on sight, and we are certain will please you : : : : : : : :

DREER'S

SPECIAL OFFER OF
Decorative Plants
FOR THE HOLIDAYS

PALMS

Areca Lutescens.

			Per doz.	Per 100
3-inch pots	2 plants in a pot	12 to 15 inches high	$1.25	$10.00
4-inch "	3 " " "	15 to 18 " "	3.00	20.00
5-inch "	3 " " "	18 to 24 " "	5.00	40.00
6-inch "	3 " " "	30 " "	1.00	each.
7-inch "	3 " " "	36 " "	1.50	"
8-inch "	3 " " "	36 to 42 " "	2.50	"
10-inch "	3 " " "	48 to 54 " "	10.00	"

Cocos Weddeliana.

A fine lot of 3-inch pot plants, just right for Fern Dishes or for small Jardinieres, 10 to 12 inches high—$2.00 per dozen, $15.00 per 100.

Cocos Flexuosus.

One of the finest Palms grown for decorating; tall, slender and graceful. We offer a limited number of 9 inch pots and tubs, with 3 to 4 leaves, 7 to 8 feet high; just the right plant for decorating, $7.50 each.

Latania Borbonica.

			Per doz.	Per 100
4-inch pots	5 to 6 leaves	15 inches high	$2.50	$20.00
6-inch "	6 to 7 "	18 to 20 " "	6.00	50.00

Phoenix Canariensis.

A nice lot of plants in light wood tubs, about 4 feet high, $5.00 each. These are an exceptionally fine lot of plants.

Kentia Belmoreana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
5-inch "	5 to 6 "	20 to 24 " "	9.00	70.00
6-inch "	6 to 7 "	20 to 24 " "	1.00	each.
6-inch "	6 to 7 "	28 to 30 " "	1.25	"
6-inch pots	6 to 7 leaves	30 to 36 inches high	1.50	each.
7-inch "	6 to 7 "	36 to 38 " "	2.00	"
8-inch "	6 to 7 "	38 to 40 " "	2.50	"

Kentia Forsteriana.

			Per doz.	Per 100
3-inch pots	5 leaves	12 to 15 inches high	$2.00	$15.00
4 inch "	5 to 6 "	15 to 18 " "	4.50	35.00
6-inch "	6 "	28 to 30 " "	1.00	each.
6-inch "	6 "	30 to 32 " "	1.25	"
6-inch "	6 to 7 "	32 to 36 " "	1.50	"
7-inch "	6 to 7 "	36 to 40 " "	2.00	"
8-inch "	6 to 7 "	42 to 45 " "	2.50	"
8-inch "	6 to 7 "	45 " "	3.00	"
8-inch "	6 to 7 "	4 feet " "	4.00	"
8-inch "	6 to 7 "	4½ " "	5.00	"
9-inch "	6 to 7 "	5½ " "	6.00	"
10-inch "	6 to 7 "	6 " "	7.50	"
10-inch "	6 to 7 "	heavy 6 " "	10.00	"
12-inch tubs	6 to 7 "	6 to 7 " "	20.00	"
12-inch "	6 to 7 "	7 to 8 " "	25.00	"

The largest sizes of Kentia Forsteriana, from $5.00 up, are among the best values in this line of stock that we have ever offered. They are excellent, either for retailing or for decorating.

Made-up Kentia Forsteriana.

5-inch pots,	4 plants in a pot	each,	$0.60
12-inch "	3 to 4 plants in a pot, 5½ to 6 feet high	"	12.50
10-inch tubs,	3 plants in a tub, 6 to 6½ feet high	"	15.00
12-inch "	3 " " " 7 feet high	"	20.00

Kentia Sanderiana.

As a plant for table decoration, we know no other Palm so graceful and hardy as this pretty Kentia.

4-inch pots,	18 inches high, 1 plant in a pot	each,	$1.00
4-inch "	16 to 18 inches high, 3 plants in a pot	"	1.25

Phoenix Rupicola.

6-inch pots, 24 inches high, each, $1.50

MISCELLANEOUS DECORATIVE PLANTS.

Araucaria Excelsa.

4-inch pots	6	inches high	2	tiers	each,	$0.30
4-inch "	10	" "	3	"	"	.40
6-inch "	14 to 16	" "	3 to 4	"	"	.75
6-inch "	16 to 18	" "	4 to 5	"	"	1.00
6-inch "	18 to 20	" "	4 to 5	"	"	1.25
7-inch "	22 to 24	" "	4 to 5	"	"	1.50

The sizes offered at $1.00, $1.25 and $1.50 each are the best values we have ever sent out in this popular Christmas plant.

Araucaria Excelsa Glauca.

6-inch pots,	3	tiers,	15	inches high	each,	$1.25
7-inch "	4	"	18	" "	"	1.50

Aspidistra Lurida.

A nice lot of 5-inch pots of the green-leaved variety; strong plants, with 5 to 6 leaves, 50 cents each, $5.00 per dozen.

Asparagus Plumosus Nanus.

3-inch pots, 75 cents per dozen; $6.00 per 100; $50.00 per 1000; 5-inch pots, $2.00 per dozen; $15.00 per 100.

Aucuba Japonica.

A most useful and cheap plant for winter decoration; fine for dark hallways and similar positions where Palms will not succeed.

Bushy plants,	15 to 18 inches high	30 cents each; per dozen,	$3.00
" "	20 to 24 " "	40 " " "	4.50
" "	24 to 28 " "	60 " " "	7.00

Pyramid-Shaped Box.

A lot of nice shapely specimens 3 feet high, 16 to 18 inches in diameter, $2.00 each.

Standard or Tree-Shaped Box.

Stems about 20 ins. high, crowns 16 to 18 in. in diameter, $1.25 each.

Dwarf Bushy Box.

A lot of bushy plants about 12 inches high, suitable for use in window boxes, $2.50 per dozen, $20.00 per 100.

Bay Trees, Standard or Tree Shaped.

				Each.
Stems	42 to 45 inches high,	crowns	24 to 26 inches in diameter	$ 6.00
"	42 to 45 " "	"	26 to 28 " "	7.50
"	45 " "	"	30 to 32 " "	10.00
"	45 " "	"	34 to 36 " "	12.50
"	45 " "	"	40 to 42 " "	15.00

Bay Trees, Pyramidal Shaped.

				Each.
4½	feet high,	24 to 26	inches in diameter	$ 6.00
5	" "	26 to 28	" "	7.50
6	" "	30 to 32	" "	10.00
6 to 7	" "	36	" "	15.00
6 to 7	" "	42	" "	20.00

Dracaena Sanderiana.

A nice lot of 2¼-inch pots suitable for centers of Fern Dishes, $2.00 per dozen, $15.00 per 100.

Ficus Elastica.

A nice lot of 6-inch pot plants about 20 inches high: $6.00 per dozen.

Ferns in Choice Mixture for Fern Dishes.

2¼-inch pots, $3.00 per 100; $25.00 per 1000; 3-inch pots; $6.00 per 100; $50.00 per 1000.

Adiantum Cuneatum.

An extra nice lot of plants suitable for cutting or retailing; 4-inch pots, $1.50 per doz., $12.00 per 100; 6-in. pots, $3.50 per doz., $25.00 per 100.

Ferns, Special Varieties.

For a full line of Ferns of all the popular varieties, see our current wholesale list.

Pandanus Veitchii.

A fine lot of 6-inch pot plants, $1.00 each.

Pandanus Utilis.

3-inch pots, $1.25 per dozen, $10.00 per 100; 4-inch pots, $2.50 per dozen, $20.00 per 100.

New Golden Pandanus—"Pandanus Sanderi."

The larger sizes, 6-inch pots up, are all fine specimens; just the right thing for a Christmas novelty. They will appeal to your customers and meet with ready sales.

Good strong plants, in	3-inch pots	each,	$0.75
" " " in	4-inch "	"	1.00
Fine specimen plants in	6-inch "	"	2.00
" " " in	7-inch "	"	3.50
Beautiful specimen plants in	8-inch pots	"	7.50
" " "	in 10-inch "	"	10.00
" " "	in 12-inch "	"	15.00
" " "	in 15-inch tubs	"	25.00

PLANTS FOR FORCING.

Azaleas for Easter Forcing.—Orders for Azaleas received on or before December 24th will be executed at import prices. After this date spring prices will take effect. 10 to 12-inch crowns, $4.50 per dozen, $35.00 per 100; 12 to 14-inch crowns, $6.00 per dozen, $45.00 per 100; 14 to 16-inch crowns, $7.50 per dozen, $55.00 per 100.

Although Mme. Van der Cruyssen continues very scarce, we are in position to include 25 per cent. in the 10 to 12-inch and 12 to 14-inch sizes, and 15 per cent. in the 14 to 16-inch size.

Hardy Azalea Mollis, for Forcing Early.—Azalea Mollis is gaining more favor every season. It can be forced into flower quickly at a trifling cost of heat and labor. Its colors are most pleasing and the first cost of the plants very low. We are supplying at present an unusually fine lot of well budded bushy plants, 15 to 18 inches high, $4.50 per dozen, $35.00 per 100.

Deutzias, for Forcing.—Strong two-year-old, field-grown plants, suitable for 6 and 7-inch pots. Gracilis, 75 cents per dozen, $6.00 per 100; Gracilis Rosea, $1.00 per dozen, $8.00 per 100; Gracilis Lemoinei, $1.00 per dozen, $8.00 per 100.

Forcing Lilacs.—A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, $6.00 per dozen, $45.00 per 100.

Rhododendrons, for Forcing.—Rhododendrons are being used more extensively every year for forcing, and in anticipation of an increased demand we have this fall imported a large number of well-shaped, finely-budded plants of varieties especially suited for forcing, and we are in position to offer exceptional values in this line in plants covered with buds. 20 to 24 in. high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 in. high, $1.50 each, $15.00 per doz., $115.00 per 100.

HENRY A. DREER, Philadelphia, Penna.

LA DETROIT.

It is stated that over 11,500 suggestions were offered in the contest for the premium of $100 offered by John Breitmeyer's Sons for the name which should finally be adopted for their new rose. The winner is Mrs. Ezra Miller, of Landisville, Pa. The name was also suggested by two other women, Mrs. Henry Pfeiffer and Mrs. Frank H. Croul, both of Detroit, although the winner was twenty-four hours ahead in the competition. A handsome lithograph of the rose will be sent to each one who offered a name.

The rose is considered the most important of recent acquisitions to our list. It is a seedling of Mme. Caroline Testout and Bridesmaid. It was raised by George Hopp, in Grand Rapids four years ago, and was acquired by the Breitmeyers early in the spring. Over 17,000 plants are now being grown for propagating, 11,000 in Detroit; 4,000 in New Jersey, and 2,000 in Grand Rapids. April 1 is the date set for the distribution.

CYCLAMEN.

Enquirer sends a cyclamen corm with diseased leaves and buds. He says they were kept plunged in tobacco stems all summer, in a partly shaded house. They grew finely till November, when they were put in a warmer house. Then they threw up a fine show of buds, when the young growths began to "draw and pucker, both leaves and buds." "Pucker" is a very good word and describes their appearance better than any word I can think of. I could not see any signs of aphis or thrips and I think the trouble is that the little cyclamen mite got in his work. I don't know the scientific name of this little pest or whether it is peculiar to the cyclamen only, but it exists and is microscopical in size. I have seen only this fall two first-class gardeners lose their cyclamen by the same trouble, so don't think, Enquirer, that it's all your fault or that you made any great mistake in their culture. It's not very definite, what you mean by putting them into a warmer house; 55 degrees at night is warm enough after you have to use artificial heat. My advice is poor consolation, but it is sound. If all your cyclamen are anything like the sample sent, don't bother a moment with them; consign them to Sheol without delay and start again. There is time yet to sow for next winter's plants, and I hope we shall be able to find some means of keeping down this small but destructive foe.

W. S.

THERE is no paper that comes to me which is read with more real interest and benefit than your excellent publication, and I trust it may remain with us long, and continue to improve.—WM. M. LINDSAY, Birmingham, Ala.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Mention the Review when you write.

CHRYSANTHEMUMS

THE FINEST NOVELTIES AND ALL THE LEADING PRIZE WINNERS.

MRS. H. W. BUCKBEE—Niveus X Mrs. Henry Robinson, a fine pure white for all purposes. C. S. A. Certificate scoring 91 points.

ROCKFORD—Mrs. Henry Robinson X Col. D. Appleton. Incurved, yellow, fine habit; a grand commercial variety. At its best Oct. 20th. C. S. A. Certificate scoring 88 points. Prices of above 50 cents each, $5.00 per dozen, $35.00 per 100.

All the Best Australian and Other Introductions.

S. T. Wright at $1.00 each; William Duckham, everybody's choice as the best Mum to date at 75 cents each, $7.50 per dozen, $50.00 per 100.

Maynell, Donald McLeod, Henry Barnes, Harrison Dick, Leila Filkins, Pantia Ralli, W. A. Etherington, Miss R. Hunt, Esther Edwards, at 50 cents each, $5.00 per dozen, $35.00 per 100.

H. W. Buckbee—The best commercial yellow for Thanksgiving, at 15 cents each, $1.25 per dozen, $8.00 per 100.

And all the leading Commercial and Exhibition varieties. Prices on application. Select young plants from 2-inch pots.

Orders are now being booked, and will be filled in rotation, as received. Delivery after March 1st.

Forest City Greenhouses
Rockford Seed Farms

H. W. BUCKBEE, Rockford, Ill.

Mention the Review when you write

"ESTELLE," The Money Maker.

GET TRUE STOCK FROM THE ORIGINATOR.

H. M. Altick, Dayton, O.:

Dear Sir:—In regard to your **"ESTELLE" CHRYSANTHEMUM,** we wish to say that we grew 500 Blooms this season, and they were the finest White "Mums" in the Columbus market, much larger and fuller blooms than "Polly Rose." We sold the entire cut at $4.00 per dozen. We will plant 1000 next season. (Signed), THE LIVINGSTON SEED CO., Columbus, Ohio.

Strong Stock Plants.....$1.50 per Dozen

H. M. ALTICK, - - - Dayton, Ohio.

Mention the Review when you write

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

Chrysanthemum Stock Plants.

Lady Harriett, Halliday, R. H. Pearson, Viviand-Morel Robinson, Col. Appleton, Timothy Eaton, Fee du Champsaur, White and Yellow Jerome Jones, Golden Wedding, Princess Bassarabba, Malcolm, Lamond, Mrs. Perrin, Bonnaffon, $8.00 per 100. Yellow Eaton, Chadwick, Marie Liger, Louis Leroux, Columbia, Berlioz and Baden Powell, $10.00 per 100. Ivory, Parr and Park, $5.00 per 100.

Boston Ferns, 7-inch, $1.00 each; 8-inch, $1.25 each; 9-inch, $1.50 each.

Cash or C. O. D.

W. J. & M. S. VESEY - FT. WAYNE, IND.

MUM STOCK PLANTS.

Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each; large stock. Alice Byron, Mrs. F. J. Tranter, Goldmine, 15c each; stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.

W. A. CHALFANT - Springfield, Mo.

Mention Review when you write.

NEW CHRYSANTHEMUM

STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell, Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Uwanta. The above 25c each, $2.50 doz.

Oresco, Bentley, Iolantha, Bruant, Lady Harriet, Robert Halliday, Polar Queen, Mrs. Barclay, Yanariva, 15c each, $1.50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, October Sunshine, Xeno, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

'Mums STOCK PLANTS

R. Halliday, Appleton, Golden Wedding, Y. Bonnaffon, Yellow Jones, Glory of Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, White Bonnaffon, Timothy Eaton, White Jones, Chadwick; 75c doz.; $5.00 100.

G. M. NAUMANN, 1537 Doan Street CLEVELAND, O.

Mention the Review when you write.

STOCK MUMS Strong and Well Furnished

White: Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pink, Pacific, Shaw, Dean, Perrin, Superba, Lavender Queen, Yellow, Whilldin, Wedding, $5.00 per 100. Chamberlain and White Bonnaffon, $10.00 per 100.

Rose Cuttings—American Beauty $3.00 per 100; Bride, Ivory, Gate, Maid, Meteor, $1.50 per 100; Brides from 3-in. pots, $4.00 per 100; $37.50 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

ellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

GEORGE REINBERG

51 Wabash Ave., **CHICAGO.**

Carnation Cuttings

We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	6.00	50	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5 00	40
Prosperity	2 50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100 00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,

Long Dis. Tel. BILLERICA, MASS.

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Florists' Review

When Writing Advertisers.

CARNATION SPECIAL.

READY TO GO OUT OF CUTTING BENCH.

	100	1000
35,000 Gov. Wolcott, undoubtedly the best white	$3.50	$30.00
25,000 Enchantress, undoubtedly the best light pink	5.00	45.00
25,000 Lawson, one of our favorites	3 00	25.00
15,000 Palmer, about as good as any red	$3.00	$25.00
Harlowarden	5.00	
Higinbotham	4.00	
Prosperity	3.00	
Lillian Pond	5.00	

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 per doz.; Liger, Richardson, Yel. Eaton, $1.50 per doz.

POEHLMANN BROS. COMPANY, **Morton Grove, Ill.**

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PARTRIDGE-

HAS

"NELSON FISHER"

AND

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. **"Nelson Fisher"** has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00;** per 100, **$12.00;** per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,

"Bloomhurst," Station R. CINCINNATI, O.

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The Anna Foster Fern

VERY LOW PRICES. LARGE STOCK.

Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12 in. $5.00 each.

BOSTON FERNS.

Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.

Asparagus Plumosus Nanus.

3-in., $8.00 per 100. **SPRENGERI**—3-in. $5.00 per 100. Just right for pans.

Kentia Palms. Ficus.

L. H. FOSTER,

45 King Street, DORCHESTER, MASS.

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Fancy Carnations

Blooms and Cuttings.

Select blooms, $3.00 per 100; good stock, $2.00 per 100. The following "Bread and Butter" varieties, guaranteed true to name, well rooted and free from disease, ready for delivery Dec. 15, 1903. "Be Wise" and order early: Enchantress, $6 00 per 100. Innocence (white), Dorothy, Enquirer (pinks), Gov. Wolcott, $3.00 per 100. Lawson, Prosperity, $2.00 per 100; $18.00 per 1000. White Cloud, Glacier, Crane, $1.50 per 100; $12.50 per 1000. F Hill, Joost, Marquis, $1.50 per 100; $12.50 per 1000.

Geraniums—The following superb bedders: Jean Viaud, Alp. Ricard, Mme. Buchner, S. A. Nutt, E. G. Hill, B. Poitevine, strong rooted cuttings, $1.50 per 100; $14 00 per 1000.

Petunias—Double fringed, ten novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salviaa—St. Louis, Bonfire, $1.00 per 100.

Smilax—2¼-inch, special price, 60c per 100; $5.00 per 1000. Cash.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

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—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20.00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12.50
Norway	1.50	12.50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2.00 per 100; $15.00 per 1000.

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

MONTREAL.

The annual meeting of the Montreal Gardeners' and Florists' Club took place at Alexandra Chambers Monday, December 7. There was a good attendance and the business was put through with dispatch. The reports were of a most satisfactory nature, and one of the most gratifying features was that regarding the chrysanthemum exhibition, which showed the receipts to have been $659.29, while the expenditures were $639.12. Of this latter amount $430.25 was expended in prizes.

Before proceeding to the elections the superintendent of the show, Joseph Bennett, was presented with a case of cutlery in recognition of the good work that he had done. The election of the officers for the coming year resulted as follows: President, R. W. Whiting; first vice-president, A. Gibb; second vice-president, C. Craig; secretary-treasurer, W. H. Horobin; assistant secretary, Herbert Eddy; committee, J. Walsh, A. C. Wilshire, W. C. Hall, W. Alcock, J. Eddy, and A. H. Walker.

It was decided to hold the annual dinner on the third Monday in January.

VINELAND, N. J.—Charles P. Lord, who is both borough recorder and a florist, has some American Wonder lemons with fruits measuring fourteen inches and weighing a pound and a quarter.

WASHINGTON, D. C.—R. F. Preusser has invented a pin for attaching bouquets to ladies' garments. The first one manufactured was presented to the daughter of Secretary Wilson, of the Agricultural Department.

NORWALK, O.—Frank H. Evans and E. J. Peat have formed a partnership and have built a neat store, with greenhouse attached at Whittlesey avenue and Monroe street. The opening took place December 12.

TORONTO, ONT.—John H. Dunlop, the well known grower and retailer, was married at Nashua, N. H., November 26, to Mrs. Eleanor F. Farley, of that place. They will give a reception to their friends here January 6.

VERBENA KING

Here we are again with more Rooted Cuttings than ever, of the following:
Verbenas, Coleus, Heliotrope, Mme. Salleroi Geraniums, Double white Petunias, Salvias Feverfew, Ageratums, Daisies, Red and Yellow Alternantheras, all true to name and well rooted, fine and healthy. Safe arrival and satisfaction guaranteed. Write us your wants, for our prices are right and we prepay express charges too, on all Rooted Cuttings. Send for list to

C. HUMFELD, The Rooted Cutting Specialist.

That cash, or C.O.D. please } **Clay Center, Kan.**

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.....PELARGONIUMS.....

ROOTED CUTTINGS.

15 varieties, all named, **$2.25** per 100, prepaid. Verbena rooted cuttings, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Express prepaid on all rooted cuttings. Will have other cutings later.

Cash with order. Write

S. D. BRANT - - - CLAY CENTER, KAN.

Mention Review when you write.

Indianapolis!

The Best Bright Pink Carnation in Sight... It Never Bursts.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

Come and see it growing.

You will want to grow some of it yourself.

$2 50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH, 330 W. 38th Street, INDIANAPOLIS, IND.

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Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000	
Enchantress	6 00 "	50.00	"
Lawson	3 00 "	25.00	"
Prosperity	3.00 "	25.00	"

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3 50 per 100	$30.00 per 1000
3 -inch "	6.00 "	55.00 "

SAMUEL S. PENNOCK,

1612 Ludlow St., Philadelphia.

Mention the Review when you write.

500,000 Verbenas

60 FINEST VARIETIES.

Perfectly Healthy. Free from Rust.

Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants.....$2.50 per 100; $20.00 per 1000.

Our list is the choice of millions of seedlings.

SEND FOR CIRCULAR.

J. L. DILLON, Bloomsburg, Pa.

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LARGE ARECA LUTESCENS PALMS.

Several plants to pot, 6½ to 7 ft. high, $12.50 per plant. Several plants to pot, 5½ to 6¼ ft. high, $10.00 per plant. 3 plants in 6-inch pots, 2½ ft. high, $9.00 per doz. plants. 2 and 3 plants in 4-in. pots, 18 to 22 inches high, $4.00 per doz. plants.

LATANIA PALM PLANTS.

8-inch pots, 1 plant to pot, 8 to 10 leaves, $18.00 per doz. plants. 6-inch pots, 1 plant to pot, 7 to 9 leaves, $9.00 per doz. plants. 6-inch pots, 1 plant to pot, 5 to 7 leaves, $6 00 per doz. plants.

Kentias, Pandanus, Boston Ferns, etc.

Prices on application.

J. W. COLFLESH,

53rd St. and Woodland Ave, **Philadelphia, Pa.**

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Christmas Plants

NOW READY.

AZALEA INDICA. Simon Mardner, Deutsche Perle and Vervaeneana, in bud and bloom 75c to $1.00 each.

Araucaria Excelsa Our Specialty.

These beautiful, highly favored ornamental plants were selected by myself while in Belgium this summer, and therefore I can give you good value for your money.

JUST LOOK AT OUR PRICES.

Araucaria Excelsa, 5¼-in. pots, 10 to 12 in. high, 3 tiers 50c each, extra good, 4 to 5-in. pots, 10 to 12 in. high, 3 tiers, 35c to 40c. Perfect jewels, 6-in. pots, 17 to 19 in. high, very broad, 3, 4 to 5 tiers, 75c each; 6-in. pots, 4 to 5 tiers, 19 to 22 in. high, 90c to $1.00 each. Specimens, $1.25 to $1 50 each. Extra large specimens, 8-in. pots, 25 to 28 in. high, $2 00 to $2.50 each.

Kentia Forsteriana and Belmoreana, 6-in. pots, medium sized, about 30 in., 75c each Belmoreana, 5½-in. pots, 5 to 6 leaves, 20 to 25 in. high, 50c each. Kentia Forsteriana Belmoreana and Areca Lutescens, 4-in. pots, 10c each.

Boston Ferns, 6-in. pots, very strong, 25 to 30 fronds to a plant, from 25 to 30 inches high, 75c each. Specimens, 7-in. pots, $1.00 each; large 5-inch pots, 25c each.

Cineraria Hybrida (Michell's finest strain), 4-in. pots, strong, ready for 6-in., $8.00 per 100.

Ficus Elastica (Rubber Plants)—have a large stock of over 2000 of the finest imported Belgium varieties, 6-in. pots, 20 to 25 in. high and up, $4.00 to $5.00 per doz. Specimen plants, $6.00 per doz.; 5 to 6½-in. pots, 18 to 20 in. high and up, 20c to 30c each.

Dracaena Bruanti—These plants are very popular in Europe and America on account of their everlasting green glossy foliage and easy to keep. Just the right plant to beautify homes, 6-in. pots, 25 in. high and up, 50c each, $5.00 a doz.

Begonias, six leading varieties, including Pres. Carnot (best, largest pink), 4-in. pots, 8c; 3-in. pots, 5c.

Chrysanthemum stock. A few leading varieties—Col. Appleton, Timothy Eaton and Pennsylvania, at the rate of $5.00 per 100 Major Bonnaffon, Queen and Halliday, $3.00 per 100.

Azalea Mollis, 30c each.

Cash with order please. Plants are shipped at purchaser's risk. Please state if pots are wanted.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,

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Bell Phone Tioga 3689 A.

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CARNATIONS

In placing your orders for 1904 Novelties, remember the two Greatest WHITE CARNATION NOVELTIES ever offered to the trade.....

Lady Bountiful and The Belle.

FOR EARLINESS--We beat them all. FOR QUALITY--We lead.
FOR QUANTITY--We have the Commercial White Carnations.

GROWTH and **HABIT** are just right, none better, and when we say they are no croppers, but early and continuous flowering, we mean—they commence with the earliest, if not before all others, and continue so without cessation throughout the entire season. They are easy doers, thriving well under ordinary conditions and respond readily to good treatment. They are also easy propagators and will be found most satisfactory varieties in every way.

Our large stock still enables us to offer some February delivery.

Price — $12.00 per 100; $100.00 per 1000; 2500 at $95.00 per 1000; 5000 at $90.00 per 1000.

We also offer a set of five distinctly novel Carnations. The combination of colors is most beautiful and very attractive. For full description and prices send for our **Descriptive Price List. We can also supply all the leaders of the 1904 Novelties at introducers' prices.**

In making up your list of 1904 wants, do not forget we can supply the **best of the 1903 Novelties and also of the Standard Varieties in select, graded well rooted cuttings** at prices consistent with well grown stock.

ASPARAGUS COMORENSIS. We have only a few hundred of the 3½-inch size left. **Well grown stock, $12.00 per 100.**

Send for our Descriptive Price List for 1904.

F. DORNER & SONS CO., La Fayette, Ind.

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AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1 1904. $10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of
SLINN & HUGHES, Coogan Bldg, New York City.

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WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,
1217 Arch St., Philadelphia, Pa.
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...YOU WILL FIND...
ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

FLAMINGO

The finest scarlet carnation ever introduced. Brilliant color; large, fine flower; fragrant; great keeper; long stiff stems; early, free, continuous and ideal in habit.

ALBATROSS

The whitest of the whites. Early, will produce fine flowers in the field. A constant bloomer never produces a weak stem, strongly clove scented. A most extraordinary keeper, a business carnation, a money-maker.

SUNBIRD

The strongest, most vigorous and most prolific of the yellows. Beautiful form, large flower, stiff stems, as free as any variety, is universally admired and sells readily.

L. E. MARQUISEE,
207 Delaware St., SYRACUSE, N. Y.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen**, an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.

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Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000
LILLIAN POND,
$5.00 per 100, $40.00 per 1000
PROSPERITY,
$3.00 per 100, $25.00 per 1000
LAWSON,
$3.00 per 100, $25.00 per 1000
Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

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The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

OMAHA.

The past week, compared to the previous ones, was somewhat quiet. The cause was probably the indifferent weather, one day rather warm but cloudy, the next day the thermometer registers zero, and surely such weather is not a trade producer.

The monthly meeting of the Nebraska Florists' Society was called to order by President J. J. Hess on December 10. After the minutes of previous meeting were read and approved the chair was turned over to President-elect S. R. Falconer. There seemed to be a new life injected into the society, two new members were elected with two ex-members re-instated. It is hoped by all that such interest may keep up. Owing to the lateness of the hour but one game of tenpins was rolled. Sides chosen by Hess and Bath, of five men each, were pitted against each other. Through the excellent work of Ellsworth on the home stretch, Bath and his braves won out by thirteen pins. After the holidays a bowling meet will probably be held each week. B.

Cambridge City, Ind.—Wm. J. Hartje, the florist, has moved to Indianapolis with his family.

Sedalia, Mo.—On December 7 fire did $800 damage at the greenhouses of C. A. Pfeiffer; no insurance. The blaze originated in the boiler house.

Richmond, Ind.—The Quaker City Machine Company has secured the contract for ventilating the Government building at the St. Louis World's Fair.

You will find all the best offers all the time in our classified advs.

CHRISTMAS PLANTS

PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, IMPORTER AND WHOLESALE GROWER

TROY HILL, ALLEGHENY, PA.

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Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention the Review when you write.

Cyclamen giganteum, large flowered, $5.00 per 100. **Primroses, Chinese and Obconica,** extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100, 200 for $5.00. **Asparagus Plumosus Nanus,** from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100. **Sprengeri,** from flats, ready for potting, $1.00 per 100; $5.00 per 1000. 4-inch, $6.00 per 100; 2¼-inch, $1.50 per 100; $12.50 per 1000.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention the Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail. For particulars address John G. Esler, Sec'y., Saddle River, N. J.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer **HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.**

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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Rooted Carnation Cuttings.

McGowan ..... $1.25 per 100: $10.00 per 1000
Asparagus Sprengeri, 2½-inch, $2.00 per 100
White Lilac, 7 ft., $30.00 to $35.00 per 100. Cash

ROCKVILLE GREENHOUSES,

ROCKVILLE CENTRE, L. I., N. Y.

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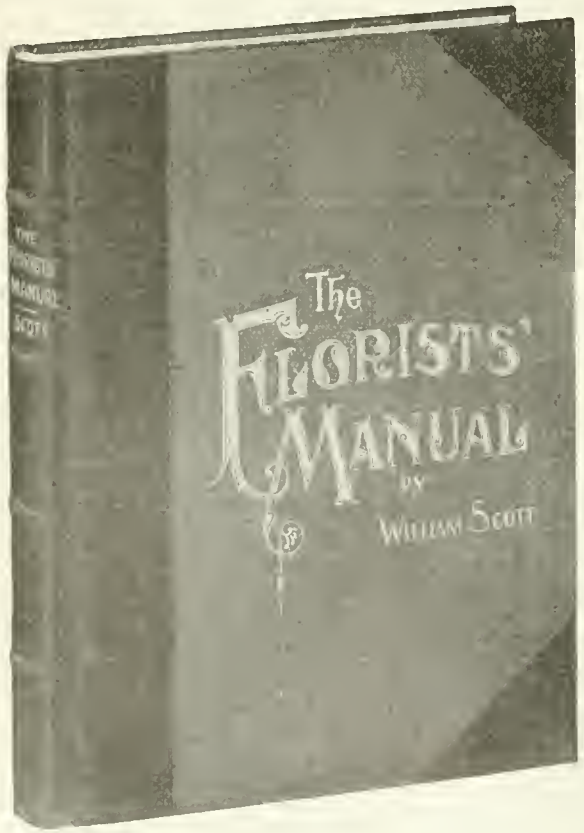

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CHRISTMAS

Present than a copy of this book -- a Business book for Florists.

Send us $5.00 and the name of the person whom you wish to receive the book. We will send it, express prepaid, in time to be delivered Christmas eve, and will at the same time send a letter stating that YOU ordered us to send the book with compliments of the season.

FLORISTS' PUBLISHING CO.

520 Caxton Bldg., 334 Dearborn St., **CHICAGO.**

GERANIUMS

We have a large stock of the finest and most popular sorts of Geraniums for florists' use, in excellent condition, from 2¼-inch pots.

$2.00 per 100:

La Favorite, Marie Fournier,
Sam Sloan. Jean Viaud,
A. Ricard, Mrs E. G. Hill.
Mme. Julin, Villa de Poitiers,
Mme. Buchner, Precurseur,
Mme. Landry, Duc de Montmort,
Marvel. John Doyle, S. A. Nutt.

$2.50 per 100:

La Soliel, Fleur de Rose, Theo. Theulier,
Pasteur, Mme. Barney, Mme. Charotte.

$3.00 per 100:

Marquis de Castellane, one of the finest bedding geraniums.
Little Pink, Dwarf, suitable for borders.

$5.00 per 100:

A. H. Trego, one of the new bedding sorts of special merit. Fine scarlet.

Capt. Flayelle, same habit as M. de Castellane. Color—shade lighter than S. A. Nutt.

$10.00 per 100:

Double Dryden, a novelty for 1903, possessing special merit. Flowers unusually large.

Nathan Smith & Son

ADRIAN, Mich.

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WE MUST HAVE ROOM.

Double Alyssum 3-in., $2.50 per 100. **Hydrangeas,** field-grown, 8 to 12 flowering shoots, $15.00 per 100. **Jerusalem Cherries,** dwarf, bushy, well berried, 6-in. pots, $2.25 per doz. **500 Wm. Scott Carnation Plants,** from field, make me an offer for the lot; or $3.50 per 100. **Boston Ferns,** very bushy, 5 in. pots, $2.50 per doz.; 6-in., $4.00 per doz. **English Ivy,** field-grown, $4.00 per 100. **Violets** field-grown, large plants, California $4.00; Campbell $3.00per 100. Cash please.

Converse Greenhouses, Webster, Mass.

Mention the Review when you write.

Asparagus Sprengeri,
2-inch.....$1.20 per 100.

Smilax, 2-inch.....$ .75 per 100
Dracaena Indivisa, 2-inch..... 2.50 "
Cryptomeria Japonica, 2-inch .. 5.00 "

E. I. RAWLINGS, Quakertown, Pa.

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A FINE LOT OF **FERNS,** Assorted Varieties, in 2½ and 3-inch pots, **$2.00** per 100.

Wagner Park Conservatories
SIDNEY, OHIO.

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ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St., CHICAGO.
Mention the Review when you write.

Geraniums and Miscellaneous Stock.....

From 2½-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20.00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Coleus, 15 varieties... per 1000, $15.00,	40c	2.00
Chrysanthemums. Hardy Pompon, list of over 100 varieties now ready. Ask for it. Orders booked now for spring delivery.		
Forget-Me-Not, large flowering...	45c	3.00
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Holt's Mammoth Sage, per 1000 $15.00,	40c	2.00
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Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Parlor Ivy	40c	2.00
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Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax.....per 1000 $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
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The Florists' Club held the regular meeting at S. S. Peckham's greenhouses in Fairhaven Thursday evening, December 10. Mr. Peckham carried the members from the car to his greenhouses and also brought them back to the city after the meeting. We had a very interesting session and elected one new member. Mr. Munson, the box man, from New Haven, Conn., was with us with his usual bunch of good stories. Mrs. Peckham provided a nice lunch and we had a nice entertainment after the meeting. Uncle Sammie's orchestra, singing and dancing by the Pierce brothers and piano solos by Geo. Pasell. C.

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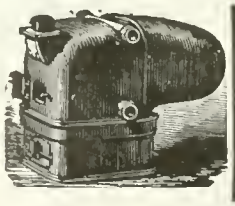

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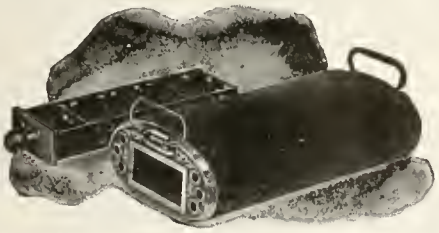

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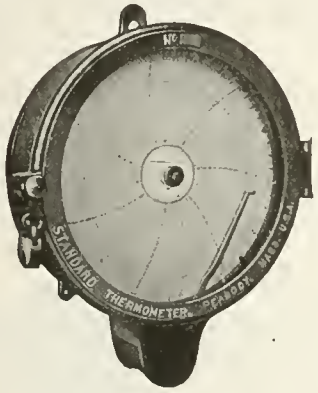

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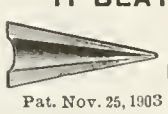

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G. L. GRANT, EDITOR AND MANAGER.

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520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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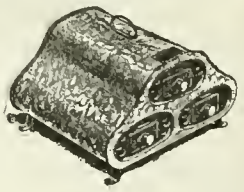

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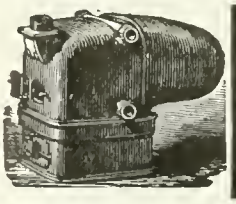

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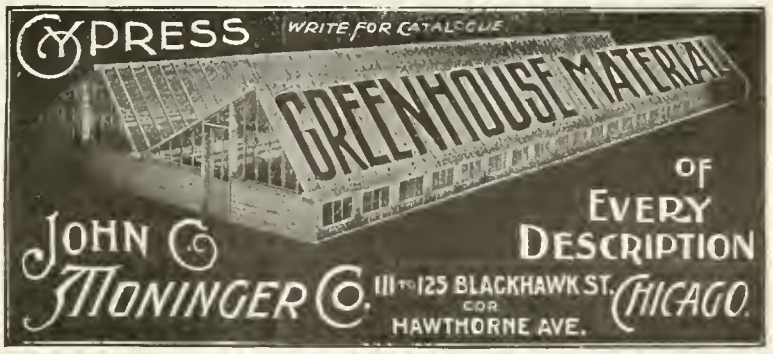

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See the Point
The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.
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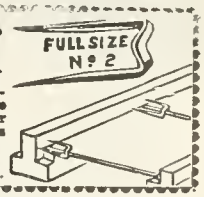

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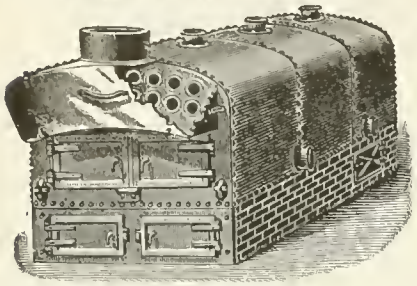

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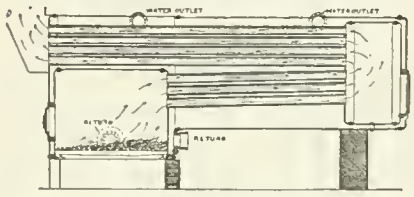

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SUPERIOR MACHINE AND BOILER WORKS,
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HOTBED SASH.
Of Clear La. Cypress and Wash. Red Cedar.

BEST GRADES. PERFECT WORKMANSHIP.

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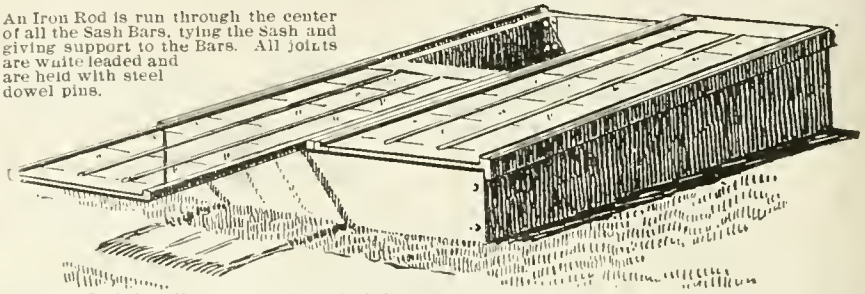
Cypress Hotbed Sash and Frames

For growing Vegetables, Violets, etc.

Our Sash are Strong and Durable, Constructed of Red Gulf Cypress.

"The Best is the Cheapest."

An Iron Rod is run through the center of all the Sash Bars, tying the Sash and giving support to the Bars. All joints are white leaded and are held with steel dowel pins.



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HORTICULTURAL STRUCTURES,

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SECTIONAL and ROUND. STEAM or WATER.

For Large and Small Ranges.

Iron Frame { GREENHOUSES, BENCHES, } Red Gulf Cypress.

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REDUCTION IN PRICE OF

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SEND FOR PAMPHLET OF MY No. 4 GUTTER.

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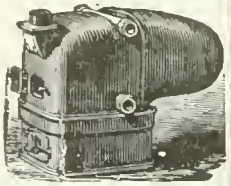
BUILDERS of DURABLE and PRACTICAL GREENHOUSES at a LOW COST.

Our descriptive circular contains valuable information for every florist. Send for it.



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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, DECEMBER 24, 1903. No. 317.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

WM. F. KASTING

Wholesale Florist

481 Washington St. BUFFALO, N. Y.

KENNICOTT BROS. COMPANY,

New Year's PRICE LIST, subject to change without notice.

40-42-44 Randolph St., CHICAGO, ILL.

AMERICAN BEAUTIES,
All lengths of stems, at market rates.

	Per 100
Brides	$8 00 to $12 00
Bridesmaid	8 00 to 12 00
Meteor	8 00 to 12 00
Liberty	6 00 to 15 00
Gate	6 00 to 12 00
Perle	6 00 to 10 00
Roses, our selection	5 00

	Per 100
Carnations, common	$2 00
Carnations, select	$3 00 to 4 00
Carnations, fancy	5 00 to 6 00
Violets	1 50 to 2 00
Valley	3 00 to 4 00
Paper Whites	4 00
Romans	3 00 to 4 00
Mignonette	3 00 to 4 00
Marguerites	1 00 to 1 50

	Per 100
Stevia	$1 50 to $2 00
Adiantum	1 00 to 1 25
Smilax	12 00 to 15 00
Asparagus Strings	40 00 to 50 00
Asparagus Sprays	2 00 to 3 00
Sprengeri	2 00 to 6 00
Galax, Green,	$1 25 per 1000; 15c per 100
Galax, Bronze,	1 50 per 1000; 20c per 100
Ferns	2 00 per 1000; 25c per 100

Well Rooted - CARNATION CUTTINGS - Ready Now.

Enchantress, light pink	$6 00	per 100;	$50 00	per 1000
Harlowarden, crimson	6 00	"	50 00	"
Her Majesty, white	5 00	"	45 00	"
Lillian Pond, white	5 00	"	45 00	"
Pres. McKinley, dark pink	5 00	"	45 00	"
Sibyl, dark pink	5 00	"	40 00	"
Dorothy Whitney, yellow	6 00	"	50 00	"
Gov. Wolcott, white	5 00	"	40 00	"
Estelle, scarlet	$3 00	per 100;	$25 00	per 1000
Mrs. T. W. Lawson, dark pink	2 50	"	20 00	"
Mrs. Higinbotham, light pink	4 00	"	30 00	"
Prosperity	2 50	"	20 00	"
NEW VARIETIES for January Delivery:				
Crusader, best scarlet	$10 00	per 100;	$80 00	per 1000
Reliance, white	10 00	"	80 00	"
Moonlight, white	10 00	"	75 00	"

SEND FOR PRICE LIST OF ABOVE AND OTHER VARIETIES.

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. **JOLIET, ILL.**

The E. G. Hill Co.

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Richmond, Indiana

FRESH Flower Seeds

For EARLY Sowing.

New Crop Seeds daily arriving in store from leading growers both at home and abroad.

Preliminary Price List now in press mailed to all regular customers soon as issued.

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Xmas, 1903 - Easter, 1904

Aspidistra elatior, green, per 100 leaves $6.00
" " fol. var., per 100 leaves.... 10 00
Spiraea japonica, extra heavy per 100 plants 3 50
" comp. multifl. and astilboides, per 100 plants 4 00
Azalea indica, 10x12, per 100 plants.. ..... 35 00
" " 12x14, per 100 plants..... 45 00
Azalea mollis.. $20 00 $35.00, $45.00, $60.00 per 100
Rhododendrons, hybr., for forcing, $45 00, $90 00, $150 00 per 100.
Deutzia gracilis, fine pot grown plants, $15.00 per 100.
Deutzia Lemoinei, fine pot grown plants, $20.00 per 100.
Lilacs, pot grown, Charles X. and M. Legraye, $15 00 per 100.
H. P. Roses, leading varieties $10.00 per 100; $90.00 per 1000.
Clematis, leading varieties, extra strong, to name, $25 00 per 100.
Hydrangea paniculata grandifl., extra fine standards, $35.00 per 100.
Hydrangea paniculata grandifl., extra fine dwarf, $15.00 per 100.
Buxus sempervirens, pyramids and standards, 4 feet high, $150.00 per 100.
Magnolia, in variety, to name, well budded, $150.00 per 100.
Aristolochia, Dutchman's pipe, strong plants, $40 00 per 100.
Lonicera extra strong.....$25 00 per 100
A fine assortment of Conifers on hand, prices cheerfully given by

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

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Lily of the Valley

ARRIVED IN FINE CONDITION.

We offer a limited amount of the finest in the market for **early forcing, $14 00** per 1000; **$35.00** per case of 2500; **$1.50** per 100. **This stock is unsurpassed** and nothing better to be had.

Bruns' Extra Fine Berlin Pips,

For early forcing, are almost equally as good and always give satisfaction. **$12.00** per 1000; **$30.00** per case of 2500; **$1.25** per 100.

COLD STORAGE VALLEY,

$15 00 per 1000; **$1.75** per 100.

FINEST CUT VALLEY always on hand

H. N. BRUNS,

VALLEY SPECIALIST,

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REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.

Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

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MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES,

Factory, 709 First Ave., bet. 40th and 41st Sts.

Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

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J. Stern & Co.

1928 Germantown Avenue, PHILADELPHIA, PA.

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FLORAL DESIGNS,
FLORISTS' SUPPLIES.

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This purpose is—Ribbons woven in colors to perfectly match Roses, Violets, the Foliages. Ribbons woven lustrous and of quality. Usually these would cost more than the ordinary kind, but when buying direct from the mill "you save all between profits."

The Pine Tree Silk Mills Company
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Representative florists are using these qualities

MONARCH—Satin Taffeta—**CLIMAX.**

CONQUEROR—Metallique Taffeta—**CYCLONE.**

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306-308-310 ARCH STREET.

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Headquarters for EVERGREENS

Order direct from us and you wont be disappointed. We always carry a fine line of Laurel Festooning, made good and full, 5c and 6c per yard. Princess Pine Festooning, made all round and heavy, 5c and 6c per yard. Laurel Wreaths, made heavy and fancy, $2.00 per doz. and upwards, according to sizes. Princess Pine Wreaths, made very heavy, $1 50 to $2 00 per doz. Holly Wreaths, made extra heavy, 50c each; $5.00 per doz. Holly, the best in the country, well berried, $6 00 per case, contains 100 lbs. Wild Smilax, extra, $4.00 and $7 00 per case. Also a full line of Florists' Supplies. A-No. 1 Hardy and Fancy Ferns, $1 00 per 1000. New Crop Bronze and Green Galax, $1.00 per 1000. Also Green Moss in bbls, $1 00 per bbl. All orders by mail, telephone and telegraph will receive our personal attention. Long Distance Telephone 2618 Main and 583-4 Tremont.

HENRY M. ROBINSON & CO., 11 Province St., BOSTON, MASS.

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RIBBON SPECIALISTS.
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Send for Our Illustrated Kat-a-log.

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ASPARAGUS PLUMOSUS NANUS

is admitted to be one of the most profitable crops grown under glass. The small plants are useful for Ferneries—the larger sizes for baskets, and when planted out for Sprays or Strings, they pay best of all. We have very fine fresh seed. Price $1.00 per 100 seeds; $7.50 per 1000 seeds. Our tiny rubber bands are proving the "Dear Friend" of many Carnation Growers. May we send you a sample lot? Price, 1000, 15c; 2000, 25c; 4500, 50c; 7000 for 75c; 10,000 for $1. **HENRY F. MICHELL CO.** 1018 Market St. PHILADELPHIA.

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H. Bayersdorfer & Co.

Wish the Florists of America

A PROSPEROUS NEW YEAR!

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SIGMUND GELLER

108 W. 28th St. **NEW YORK CITY**

Telephone No. 1747 J, Madison.

Importer, Jobber and Manufacturer of **Florists' Supplies**

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Surplus Lil. Harrisii (Bermuda)

FROM COLD STORAGE. To clear we offer:

Case—400, 5x7 .....$8.00; 1000, $17.00
Case—300, 6x7 ..... $8.00; 1000, $23.00
Case—200, 7x9 .....$9.00; 1000, $40.00

READY- Stock can be sent **safely** by **FREIGHT**

Spiraea Japonica .....doz., 50c; 100, $3 25
Spiraea Compacta multifl .....doz , 60c; 100, 3.75
Spiraea Astilboides floribunda..doz., 75c. 100, 4.50

LILY OF VALLEY.

Empress brand, **finest Berlin,** case 3000, $36.00
1000, $12.50; 100, 1.50
Prize Valley, finest Berlin, case 2500, 26.00
1000, $10.00; 100, 1.25

Send for our new spring list Bulbs, Seeds. Ready January 1st. Address—

H. H. BERGER & CO.,
47 Barclay Street, NEW YORK.

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Always mention the Florists' Review when writing advertisers.

CARNATION NOTES—WEST.

Seasonable Treatment.

By the time these notes reach you the Christmas rush will be over and your attention will be turned toward getting things back to normal conditions again. Whether this will prove a difficult task or not will depend altogether on how considerate you were of your plants this week and last. If you used good judgment and did not allow greed to get the upper hand, you will not find it such a big job, but how many there are who cannot see past the extra dollars they could make by taxing their plants a little heavier. Every year we see much poor, soft, weak-stemmed stuff sent in by growers of this class, and isn't it strange that they can't understand why their stock does not grade up later on with that of the wiser grower who does not let his greed run away with him at such times of temptation? At the time of this writing reports are not very flattering in regard to the cut of carnations in this section, and I expect to hear of the usual amount of kicking about soft stuff after Christmas.

When I started this letter I did not mean to preach about this over-forcing, but I feel that until it is stopped or at least materially checked, too much cannot be said against it. What I started to write about was how to get back to the normal temperature, etc. Immediately after Christmas you should begin to lower the temperature as gradually as you raised it. More direct harm will result from a sudden large drop in the temperature than could possibly result from an equally sudden rise. You know how a variable temperature will cause many varieties to burst many of the calyxes, and then just think how harmful a drop of 10 degrees must be to plants that have been working at a high tension for a couple of weeks. While the growth would not show the effects of such a drop, in the shape of mildew or dropping leaves like some other plants, it surely could not do the plants any good. It would certainly cause a severe check to the growth and the next crop of blooms would likely show it.

I said begin to reduce the temperature right after Christmas. Often you will want a good cut right after the Christmas rush is over and the temptation is great to run at the high temperature over New Year's day. Don't do it. Your plants won't stand such a long period of overwork. By January 1 you ought to be back to normal conditions again. If your plants seem a trifle soft a dose of wood ashes or air-slaked lime will do them good. Plenty of ventilation will also help them materially, but avoid extreme changes.

Here's hoping that you will have favorable weather, a large cut and sale for all you can cut at good figures, and as a result a Merry Christmas.

A. F. J. Baur.

CARNATION NOTES—EAST.

Treatment After Christmas.

When these notes appear the Christmas strain will be over, at least on the plants, and while recovering from your personal extra exertions do not forget that your stock must be gotten into normal condition. I am supposing that you raised the temperature somewhat to increase the cut, but even if it was not necessary or for any reason you did not, the chances are that an increased amount of bloom was taken off at this time. This means the removal of considerable wood from the plants, and can be said to give the plants more or less of a check, such as would occur when any plant has been cut back. This check will be slight if extra care is taken in watering to give no more than is necessary, the object being to run the soil a trifle on the dry side for a week or ten days, while the balance between top and roots is being restored.

For the same reason, it is best to delay feeding or top dressing until such time as there is evidence of new growth from the eyes on the branches from which the blooms were cut and let the growth be well under way before fertilizers of any kind are applied.

Hard firing presents the liability of red spider and aphides appearing, so while the visible supply of blooms is small take advantage of the opportunity to syringe thoroughly, choosing the first bright day. Also give the houses a liberal dose of tobacco smoke.

We are now past the time of decrease in length of day, but as the sun begins its return journey cold weather may be expected and with all the strain of Christmas the plants are yet to experience much forcing. In view of this no detail, however small, can be omitted, if for no other reason than the fact that during the next two months the bulk of propagation takes place and it goes without saying that good health in the plants is needed then, if ever.

Indianapolis and Richmond Gem.

It seems proper to mention in passing, the condition of these two sorts at this time, as it may be interesting to know that the plants are a mass of buds and I am conservative in estimating a cut of three to five blooms per plant from each variety this week. Indianapolis has improved greatly the past month in color, form, length of stem and size. A bench of Richmond Gem would be very desirable just now, in view of the heavy demand for red.

Geo. S. Osborn.

.....GREETING.....

December, 1903

TO THE READERS OF THE TRADE PAPERS AND MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS:

I take great pleasure in wishing each and every one a Happy and Most Prosperous New Year.

I view with regret the result attained in the profession during the year 1903, especially the latter half, as not being up to expectations, due to various causes.

It is my earnest desire that all of you will use every effort to make the year 1904 a banner year in producing good stock and realizing good and satisfactory prices for the same.

As the President of the Society of American Florists and Ornamental Horticulturists it is my duty to earnestly request all readers of this greeting, especially non members of our Society, to pause and reflect on the importance of becoming members of the same. It is an important matter, one of national importance and most worthy of your consideration.

Please send in your membership dues to our secretary at once. Nothing would please me more than a hearty and speedy response.

In conclusion let us hope to meet all old faces and as many new as the old ones can induce to come to our convention at St. Louis.

With kind wishes, believe me,

Yours sincerely,

Philip Breitmeyer.

President-Elect S. of A. F. and O. H.

SHAW GARDEN SCHOLARSHIPS.

William Trelease, director of the Missouri Botanical Garden, St. Louis, announces that two scholarships at the garden will be awarded prior to the first of next April. These scholarships are provided by the board of trustees and include, besides free tuition, free lodgings in a dwelling adjoining the garden and a wage of $250 for the first year and $300 per year for not more than the following three years during which the scholarship may be held. Prof. Trelease will receive applications for these scholarships up to March 1, 1904, and on March 8 a preliminary examination will be held. Should there be more applicants than scholarships, a competitive examination will be held March 11 and 12, the subjects being those usually taught in the public schools. To be eligible the candidate must be between the ages of 14 and 20.

LIQUID FERTILIZERS.

From now on during the remainder of the season, where the plants are in a vigorous state and the benches full of roots, stimulants in a liquid form can be used with great benefit. For this purpose there is nothing better and safer than fresh cow manure, which contains nearly all the elements necessary in their proper proportions, with little or none of those caustic properties so prevalent in chemical preparations.

This should be placed in a tank with sufficient water added to cause speedy fermentation, after which it should be drained off into another tank and water added to reduce it to the proper strength. For a first application it should be rather weak. After applications can be made stronger without incurring any danger.

The correct time to apply this is when the young wood is from three to four inches in length, and should be continued at least once every alternate week till the buds are well developed, and should be discontinued when the buds show color. Sheep, poultry and pigeon manures, being all of a more concentrated nature, should be used with great caution and in much smaller quantities.

As this form of food is so easily and quickly assimilated great care should be exercised regarding the strength, especially if any of the chemically concentrated foods are used and should be first tried on a small scale. The use of ammonia and nitrate of soda at certain stages of growth are also very beneficial. These being very powerful and their effects being immediate, they should be used with great caution and in a very weak solution, one pound of either being sufficient for 100 gallons of water.

During dark weather, when the days of sunshine are few and far between, it is safer to use any of the preparations in a very weak form and frequently, rather than run any risks by giving it strong. As the days get longer the strength can be gradually increased, keeping all the time a strict watch on the effect produced. Weak or unhealthy stock is unable to use food in this form and any troubles they may be suffering from will be aggravated. Ribes.

TROUBLE WITH FUNGUS.

Can you tell me what is the matter with the Bride sent herewith? They start to die from the top. I see signs of the disease in the Maids and Gates, but the Brides are affected the worst. I have one grafted plant that has the same trouble. Can you give a remedy?

W. K. P.

These plants are infected by the parasitical fungus known as rose anthracnose (Gloeosporium rosæ). This fungus attacks the wood near the top of the cane, depriving that portion of the stem above the point of attack of all nourishment, causing the leaves to become thin and yellow and eventually to fall off. It spreads very rapidly, usually in the direction towards the top of the cane, while the underpart of the bush continues to send out strong young canes which are in turn attacked and destroyed. A microscopical examination of the affected leaves and stems will reveal pinkish colored blotches which keep on bursting and scattering the spores in countless numbers.

If the trouble is not caused it is greatly fostered by a moist and stagnant atmosphere, great fluctuations of temperature and imperfect drainage. As the fungus continues to grow and develop spores on the leaves, even after they have fallen, these should be collected and burned. The affected parts of the stems should be cut off, cutting well back, and also burned. Spray once a week with Bordeaux mixture; keep the soil rather dry, give free ventilation on all favorable occasions and whenever possible keep a crack of air on during the night. Plants which are so badly infested as the smaller of the specimens should be pulled up and destroyed; they are past redemption.

I particularly commend the way these plants were packed, they having reached me in as fresh a condition as when they were lifted from the bench, which condition considerably simplifies a diagnosis. Ribes.

TROUBLES.

As you invite correspondence, I submit a few of our troubles and hope to get some light on them. First, is mildew on roses contagious? During one of the very cool nights in September a door in our rose house blew open and the roses got badly mildewed. Since then we have treated them with sulphur in various forms, but the new growth seems still mildewed, while they have not been exposed to cool draughts since the first exposure. Second, will it do to propagate from such wood?

What can be done to get rid of moles? We have our carnations in ground beds and the moles are rambling all through the beds. They work too deep to see their road marks on top of the ground. I have tried sulphide of carbon, also earthworms soaked in strychnine, all to no effect. If anybody can suggest a remedy that will drive the little pests away we shall be truly thankful.

We have a young man in our employ who is a sort of a crank on electricity. He has rigged a battery in the rose house, so arranged that when the temperature gets down to 53 degrees it rings a bell in his bedroom, and wakens him so he can replenish fire; then he can go to sleep again without risk as to oversleeping and letting his fire go out. I do not suppose it would be very useful in a large establishment, but in a small place like ours (about 4,000 feet of glass) it makes it easy for the fireman. J. W. M.

Yes, mildew is contagious, and will continue to spread, grow and scatter the spores by millions, which, if the conditions are suitable, will find a lodgment, germinate and spread like the parents,

House of Decorative Plants Grown by A. C. Oelschig, Savannah, Ga.

A Partial View of the Establishment of A. C. Oelschig, Savannah, Ga.

ultimately destroying the bushes. The surest remedy at this season is to paint the pipes with a mixture of lime and sulphur, applying once a week until it disappears. Until the mildew is destroyed and a healthy growth has commenced it would be better not to use such wood, as it would very likely be too weak to form strong, healthy roots.

The best method of getting rid of moles in greenhouses is a good trap in the care of a tricky trapper.

The thermostat is good for a small place. There used to be an invention on the market, which instead of ringing a bell, dumped the occupant of the bed on the floor. Pleasant, eh? RIBES.

THE OELSCHIG PLACE.

There are those who believe that the progressive spirit which has enthused our trade in the north these recent years has not yet been awakened in the south, but in this they are mistaken. Of course climatic conditions and environment compel, or make possible, as the case may be, many modifications of the practices in vogue in the regions of lower temperatures, but the wish to go ahead is manifest and the energy is shown in the recent development of many places.

A. C. Oelschig, of Savannah, Ga., has been steadily adding to his place until he has built up a range which would be a credit to any city of its size. He has everything in the most modern shape. The entire place is lighted with electric light. There is a windmill which pumps into a tank of 12,000 gallons capacity, but the windmill is taken down during the stormy season, September and October, and then a gasoline engine does the work; also at other times it supplements the wind in pumping from the artesian well, 387 feet deep. The gasoline engine pumps 2,000 gallons an hour and furnishes power for a circular saw, grindstone, emery wheel and drills. Mr. Oelschig says it saves its cost in labor every year.

One of the accompanying views shows as much of the place as it is possible to get in one photograph, including a range of new houses for roses and carnations, also the lath shade for variegated ficus in summer. The new rose house is 36x120, with three center benches each six feet wide and two side benches each three feet wide. The roses are in solid beds on the ground level, six inches of oyster shells being provided for drainage.

Another of the illustrations shows a ficus house 40x100 which is not seen at all in the general view. They had a fire in this house last winter and about half the stock was destroyed. The other view shows a house of decorative plants, 45x100. There is a large retail trade and a good stock of plants is carried for use in decorations.

Mr. Oelschig is a pretty regular attendant at the S. A. F. conventions and made an exhibit at Milwaukee last August. He studies northern methods and in so far as possible applies them to his own business. He has a son who is gaining knowledge of the various branches of the trade by working with northern concerns, having recently left Wittbold's, at Chicago, to go to J. M. Gasser, at Cleveland.

A NEW YORK DEPARTURE.

Manager Alfred Chasseaud, of Herald Square Exhibition Hall, where the big chrysanthemum show was held in New York in November, is arranging for a business display of Easter stock in the same place. It will be a departure which will be watched with interest, for the plan is such as to make the affair of direct concern to all in the New York market.

It is to be called the Easter Flower Fair and is to be held the two weeks preceding Easter. Mr. Chasseaud says: "This project appears to be what is sorely needed in the metropolis, a salesroom or market of ample size, where growers and dealers and the general public can meet in comfort day and night to do business."

The plan is to sell floor space to the various parties who have Easter stock to sell. The hall will be open day and evening and all night on Easter Saturday, giving every facility for handling either wholesale or retail trade. Admission will be free during the day, but an admission of 25 cents will be charged in the evening, when there will be music. Mr. Chasseaud says he has the cooperation of the largest growers and wholesalers in the country.

BOUVARDIAS.—As these useful flowering plants go out of flower reduce the supply of water gradually in order to assist in ripening the wood, as on this depends in great measure profuse flowering next year. The plants must still be kept in a house where some fire-heat is applied for the same reason. When all the foliage has fallen they may be stored under a stage in the greenhouse, where drip does not reach the roots.—Gardening World.

THIRTY RECOMMENDED MUMS.

Jessie Robbins asks me to give the average height, season of bloom, etc., of the varieties I noted in these columns a few weeks ago as exhibition kinds. I take pleasure in doing so for the benefit of the craft at large, as far as my own experience goes, but it must be remembered that the time of planting greatly affects the question of average height, as stock set out in May naturally grows taller than stock planted in June and plants set closely in the bench will draw up longer than plants given lots of room. The heights given are such as plants will attain with general cultivation for exhibition flowers.

Yellow.	Height, feet.	Season to bloom.
Mrs. Thirkell	6	Nov. 1 to 15
Lord Salisbury	3½ to 4	Nov. 1
F. S. Vallis	5	Oct. 20 onward
General Hutton	6	Nov. 1 onward
Percy Plumridge	5	Nov. 1 onward
Appleton	5	Oct. 25 onward
Cheltoni	3	Oct. 20 onward

Pink—	Height, feet.	Season to bloom.
W. Duckham	5	Oct. 10 onward
Leila Filkins	4	Oct. 25 onward
Durban's Pride	5½	Oct. 25 onward
F. A. Cobbold	4	Nov. 1 onward
Mrs. Geo. Mileham	4½	Oct. 20 onward
A. J. Balfour	3	Oct. 25 onward

White—	Height, feet.	Season to bloom.
Merza	3 to 3½	Nov. 21 onward
Ben Wells	5 to 6	Oct. 20 onward
Mrs. Weeks	5 to 6	Nov. 1 onward
Timothy Eaton	5 to 6	Nov. 1 onward
Chadwick	5	Nov. 10 onward
Nellie Pockett	3	Oct. 20 onward

Reds—	Height, feet.	Season to bloom.
S. T. Wright	5	Oct. 25 onward
Lord Hopetoun	4	Oct. 25 onward
Maynell	5	Nov. 1 onward
Henry Barnes	6	Oct. 23 onward
H. J. Jones	3½	Oct. 20 onward

Odd Colors—	Height, feet.	Season to bloom.
Mildred Ware	4	Oct. 25 onward
Mary Inglis	5	Nov. 1 onward
W. R. Church	3	Nov. 1 onward
T. Carrington	4½	Oct. 25 onward
Queen Alexandra	3½	Nov. 1 onward
Harrison Dick	3	Oct. 20 onward
Brutus	3½	Oct. 25 onward

The season of flowering is, of course, governed somewhat by the time that the bud is taken. Thus in the case of W. Duckham, flowers were cut October 10 from buds taken early in August, but the finest flowers were produced from buds taken about August 20, as the earlier flowers do not have the broad, massive petals that are the chief charm of this variety. Speaking in a general way, I would not like to try to grow exhibition flowers in a house that would not give me five to six feet of head room above the bench, and more would be better, as the loss from flowers damping is less when there is a good body of air circulating between the flowers and the glass. BRIAN BORU.

GERANIUMS FOR EASTER.

How shall I treat geraniums to have them in flower for Easter? I have several thousand in 2¼-inch pots. Can I take another cutting and be in time to have some good flowering plants for Easter? W. A.

Plants now in 2¼-inch pots are rather small for Easter blooming; yet if you have the right house and temperature, you might get some 4-inch pot plants, with a truss or two of bloom. I will just mention here that for bedding plants, we propagate in September, shift into 3-inch as soon after New Year's as possible. About February 1 we take a cutting off every plant. The plants that have been stopped, break out with two or three shoots and make bushy plants.

As early in April as we can get the room and time, we shift into 4-inch. These plants begin to bloom by the middle of May and are at their best, both for bloom and vigor, by the end of May or planting out time. We never try to give these geraniums over 45 degrees at night during the cold months, for you do not want anything like softness in a geranium that is not to be planted out until near the first of June.

Now to get some plants in flower by Easter, do not try to get a cutting; best just pinch out only the top of the growth, and if they are well rooted shift at once into 3 or 3½-inch; by the middle of February shift into 4½-inch. Use a rather stiff loam, with a fifth of well-rotted manure and pot firmly. With our bedding geraniums we use in our last shift about a pint of bone meal to one bushel of soil, and I think it helps the flowering. Avoid leaf mold or too much animal manure. You want flowers and not leaf growth.

All the above is on the right road, but you will not get flowers in April unless you have a very light house and can give them a high temperature. Give them the fullest light at all times and plenty of room between the plants. Fifty-five to 60 degrees at night will not hurt, if you are able to give them 70 to 75 degrees on all clear days during the daytime. Remember how grandly the beautiful zonale geraniums thrive and blossom in our flower beds, even in our hottest summers; while in wet, cool summers they grow too much to leaf, with little flower. You can not produce the ideal conditions under glass in the months of February or March, but you can approach it with good results.

W. S.

CENTER PIECE AND STEVIA.

What would be best for the center of the dining table? The adiantum is entirely too tender. The plant should not be taller than six or eight inches.

What is the best way to bring stevia into bloom for Christmas? I cannot get it in time. The plants are large old ones. They have been planted in the open ground all summer and are now in pots in a house north and south, at 50 degrees at night. Southern.

Adiantum cuneatum is very little used for fern dishes, except where it is for some special occasion, for one or two nights only. There is a great variety of other small ferns that are used for this purpose and which continue in good order for several weeks or even months, if sensibly and carefully managed. Many firms make a specialty of these small ferns. Small growing pterises are among the most useful.

If it is Stevia serrata, or sweet stevia that is alluded to, then it is strange to hear of its not being in flower by Christmas, and I can only account for the same by the warm climate of Alabama keeping it growing, and there being no cool nights in September and October to arrest growth and develop flowers. In the north this useful flower kept as cool as we possibly can above freezing, is always in its best condition by the middle of December. I should think that in the warm climate of Alabama, this stevia would not be worth taking into the greenhouse. Planted in convenient sized beds and protected from frosts, by some cheap cloth, would be all you need.

W. S.

A View in the Store of E. Asmus & Co., Chicago.

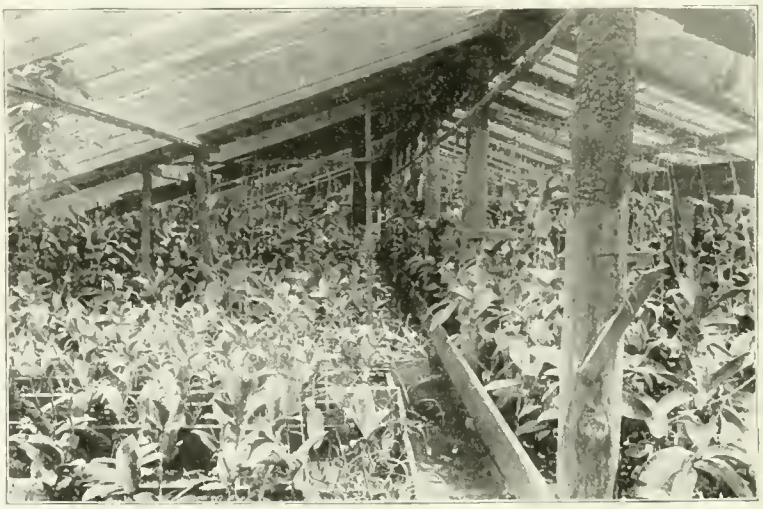
THE READERS' CORNER.

Ed. Review:—On page 136 of the Christmas issue is a note headed "A Broken Gasket." Replying thereto I would ask the correspondent and the fraternity in general if they have ever heard of or tried Smooth-on compound, an iron cement for cracks in iron of any description. It is the most useful thing I ever heard tell of, and every florist should have it on hand, for it is inexpensive. It is made by the Smooth-on M'f'g Co., Jersey City, N. J., and was introduced to me by Henion & Hubbell, 65 N. Jefferson street, Chicago. For cracked elbows, split pipes or filling holes of any nature it is par excellence. It is a dry cement powder, finer than steel filings. A little mixed in water, to the consistency of putty, applied to the crack and allowed to set five or six hours will become as hard as the iron. There is also a paste used for filling the spaces between sections, when sectional boilers are connected, that would stop the leakage this correspondent speaks of.

R. T. Thomas.

NYMPHAEA PULCHERRIMA.

James Hudson, V. M. H., writes in the Journal of the Royal Horticultural Society (British) that by reason of its robust growth and excellent constitution he considers Nymphaea pulcherrima the best blue water lily, without exception, for outdoor cultivation in summer in warm positions or where the overflow water



House of Rubbers Grown by A. C. Oelschig, Savannah, Ga.

from warm tanks can reach it. In color its flowers are a distinct blue, darker than in N. stellata, Berlin variety, which is the bluo of the Neapolitan violet. The pedicels, or foot stalks, are stout and support the flowers about a foot above the water. The reverse of the sepals and the foot stalks, too, have dark lines upon them, making them quite distinct. It is an American hybrid and a most desirable variety. N. William Stone is another hybrid of American origin, the flowers a darker shade, suffused with purple, but possessing much the same features.

HADKINSON SUPERINTENDS.

In appointing Joseph H. Hadkinson superintendent of floriculture at the St. Louis World's Fair, the management showed its appreciation of the splendid work accomplished by Mr. Hadkinson on the seventy acres of land surrounding the palaces of agriculture and horticulture. When Mr. Hadkinson joined the World's Fair force he was made head gardener on the recommendation of Frederic W. Taylor, chief of the departments of agriculture and horticulture. Most of his domain was a field of barren yellow clay. In less than a year he has worked wonders. There is a six-acre rose garden that even last summer made a splendid show and gave but an earnest of the beauty it will present when the great fair opens.

All of the shrubbery installed by Mr. Hadkinson has prospered, and every flower bed has received his personal attention and profited by his practical knowledge. As superintendent of floriculture Mr. Hadkinson will be in charge of all the gardens and also of the flowers displayed in the conservatories which form a part of the palace of horticulture.

Mr. Hadkinson was born in Manchester, England. When a youth his parents emigrated to America and settled in Nebraska. He had studied in the botanical gardens in London, and in his new home he embarked in the nursery business. He gave that up to accept a position as instructor in horticulture in the University of Nebraska under Chief Taylor, who was then professor of agriculture at that institution. Mr. Hadkinson did the gardening at the Omaha exposition and had charge of Nebraska's horticulture exhibit at the Pan-American exposition at Buffalo. But at the World's Fair he has accomplished his greatest work.

Joseph H. Hadkinson.
(Superintendent of Floriculture, St. Louis World's Fair.)

GREENHOUSE HEATING.

The following is a paper written by Wm. Scott, of Buffalo, and read before the St. Louis Florists' Club at its meeting December 10. Mr. Scott's experience with hot water heating extends over forty-five years and he may fairly be said to have a thorough knowledge of the practical, every-day side of his subject:

Supposed improvements have been made in methods of greenhouse heating by hot water within the last twenty years, but actually after trying many different systems the writer can discover nothing new and no improvement on the plan and system used fifty years ago and which will be found most plainly and naturally explained in that splendid work, "Hood on Hot Water," published in London, England, some fifty years ago.

Remember that the circulation of water when heated in a so-called "boiler" is a natural law. It is the law of gravitation. The water in the return pipe being heavier, or, as scientists would say, of greater specific gravity, it presses down on the warm water in the boiler, which flows out at the flow pipe. So the greater the perpendicular drop in the return pipe, the faster will be the circulation. A perpendicular drop of six feet will do, but ten feet would be better. It should be needless to say that where the contrary exists and there is only a foot or so of fall in the return pipe, the circulation is slow and a great amount of fuel has to be burned. The faster the circulation the less time is there for the water in the heating pipes to get cool and the less fuel it takes to warm the water as it passes through the boiler.

Up to about twenty-five years ago nothing but the 4-inch cast iron pipe was used for heating greenhouses and Hitchings & Co., of New York, were pre-eminently the leading firm in that business, and scarcely any improvement on their system has yet occurred. Then some twenty years ago we began to hear of "overhead heating," "uphill plan," "down hill system," "hot water under pressure," "the use of small pipes," etc.

We will dismiss the overhead system by merely saying that it is utterly wrong in every particular. Any pipe higher on the walls than where the sash bar springs from is wasted. I do not say that pipes should necessarily be beneath a bench, for in carnation and rose growing I think it is of no benefit, rather a detriment, but they should be low enough on the side walls or paths to create a free circulation of heat among the plants. With soft-wooded plants in pots it is a great advantage to have the heating pipes beneath the benches.

The "down hill system," or that system in which the flow pipe rises to its highest point over the boiler and from there gradually drops through the heating pipes to the boiler, is wrong. You are diminishing your perpendicular drop at the boiler, which is your motive power. The "up hill system," if that means a rise of two feet in 100, and a corresponding drop in the returns, is also wrong, because the water at ninety feet from the boiler is cooler than where it enters the house, and has a tendency to weigh back on the warm water.

"Hot water under pressure" is not generally understood. I have a small system where the only vent for expansion is the city water main, which in our city is under a pressure of thirty-five pounds to the square inch. When the water expands with heat it must go back against this pressure. This works most admirably, there being two pet cocks at the two highest points of the system, to let out any air that may have accumulated there, but after the first week of firing we find no necessity of opening these pet cocks oftener than once a week.

Good as this system is, it is not hot water under pressure. As I understand the true pressure system, you fill the system and begin to fire; there is no expansion tank or relief of any kind except a safety valve. There being no space for

steam to be made, the water can be heated a hundred degrees hotter than steam. If the safety valve was set at 300 pounds it would, when the water was that hot, blow off and reduce the pressure. I have heard of a system of that kind in a large rose growing establishment in Pennsylvania which is entirely satisfactory, but I have not seen it and believe that for large ranges of glass, where hot water would be inconvenient, steam would be more satisfactory, and for large places steam is undoubtedly all we want.

Not many years ago a most estimable and well meaning gentleman of Indiana said in answer to an inquiry that "if steam is used you must get the boiler down low, some eight or nine feet below the surface of the house. If hot water is used then you could put the boiler on the same level as the surface of the house." How utterly wrong both propositions! The exact contrary in each case is correct. The large steam heated establishments now put their boilers on a level with the houses and you will never get the best results from hot water circulation till your heater is at least seven feet below the heating pipes in the house. I said at the outset of this paper that the circulation of hot water is a natural law and so it is. You can improve steam systems or steam engines or cotton gins or threshers or mowers, but you cannot violate the law by which hot water circulates.

Now, as I have said what I believe is wrong about these innovations in hot water heating, it is about time I gave my views on what I think is correct, and I assure you, gentlemen, I have seen many systems installed and operated, some almost perfection, some working fairly well and some very badly.

Use no pipes less than 2-inch. Some years ago I reasoned that as a 4-inch pipe holds about sixteen times as much water as a 1-inch that had one-fourth its radiating surface, the advantage must be with the 1-inch. Nothing of the sort. What with friction and its too rapid cooling, nothing less than a 2-inch should ever be used in what we call the open system, and that is what 999 out of 1,000 of all our hot water systems are. The outlet and return pipe from and into the boiler should be at least fifty per cent of the capacity of the pipes in your heating system. To make this plainer, if you had in the houses eight 2-inch flows, then the flow from your boiler should not be less than a 5-inch. Rise perpendicularly if you can to the level of the flow pipes in the house; from there rise to the end of the house. Now here comes the most important point. Experts on heating say six inches in 100 feet. Why? It is wrong and I don't fear contradiction. If it was not that you wanted air to pass to the further end and as occasion may arise you want to draw off the water, then a perfect level in the house would be ideal, but two inches in 100 feet is all that you should give as a rise. There are automatic air valves made, but automatic contrivances are fine when they work and all wrong when they don't. So I prefer to tap into the highest point of the pipe or manifold a ½-inch lead or zinc pipe and run it up a rafter six or seven feet higher than the heating pipe. If there is any air in the pipes it will be at the highest point and always escape out of these small pipes.

If the flow and return pipes are of equal capacity it is well, but if that is not convenient, as in the case where you want to use five, or seven, or nine pipes on a side, then let the return pipes be in preponderance. Fall back to the boiler with no more decline than you gave incline to the flows. Reserve all the drop you can till you get to the boiler.

In the boiler shed erect a barrel or small tank of twenty gallons capacity and let it be a foot or so below the level of the top of the air pipes at the farther end of the house. Call that the feeding cistern and several ways will suggest to you how to keep it replenished and how to tell when it is full. An inch pipe leading from it and tapped into the bottom of the boiler or on the returns near the boiler will always keep your system full. If you prefer to connect your boiler with your water system and not bother with the "feeding cistern" then instead of those small air pipes at the farthest and highest point, you will have to put in pet cocks, which should be opened once in twenty-four hours to let out the air. The latter system I have and it works to perfection, but there is always danger of the fireman forgetting the air cocks.

I am aware that there are many twists and turns that have to be overcome in putting in a system and to go into that would fill a small book, and I have only tried to give my views of the broad and fundamental principles of hot water heating. Keep your boiler down low. Reserve your drop in the return pipe till you get to the boiler. Don't expect a 2-inch to feed two 2-inch; it takes a 3-inch to do that. Keep your pipes almost level in the house and don't use any pipes less than a 2-inch and you can't make much of a mistake. Always put in a boiler that is twenty-five per cent more powerful than your need and enough radiating surface for the most extreme weather and then on the ordinary winter weather you are saving much fuel.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

Parkersburg, W. Va.—J. W. Dudley & Son report a big sale for holly this season.

Richmond, Va.—M. A. Whitty has a pink sport of Enchantress, the shade seen in the center of that variety, something akin to Nelson. It is much lighter and more pleasing than Lawson.

THE LATE E. G. ASMUS.

Ernst G. Asmus, the well-known rose grower, died at his home at West Hoboken, N. J., on Thursday, December 17. The funeral services were held at Trinity Church, Hoboken, Sunday afternoon, interment being at New Durham.

Thus is the final chapter told in the career of one of the strongest men in American floriculture, for few there are among the craft who, from such small beginnings, by the sheer force of a clear head, indefatigable industry and consummate honesty, have accomplished so much in a mere material way or become so firmly seated in the regard of those with whom they have had business or personal relations. Mr. Asmus may well be upheld to the younger generation as an example of that quiet, undemonstrative, earnest, energetic, conservative element which is the mainstay of the business world.

Born at Hamburg, Germany, November 27, 1844, the family came to America when the boy was 8 years old and located near New York, in the vicinity which for half a century has been the scene of the uninterrupted development of this strong character. The father was a carpenter, but the whole family soon became engaged in the flower business at West Hoboken, where the initiative was taken by Ernst, then in his twelfth year. The first greenhouse was a lean-to; then they rented a place of three houses in fair shape for those days, but hardly recognizable as greenhouses if set beside the new plant recently built at Closter. For a time Rudolph Asmus, an uncle of E. G., was with them, but soon the business was in three separate hands. In 1880 Mr. Asmus bought out Peter Schupp, a veteran, at West Hoboken, and here the real development of his business began.

In early years Mr. Asmus grew pot plants; later he was known as an extensive bulb forcer, but of late his energies have been chiefly devoted to growing roses for the New York market. Carnations and valley have also been handled. He was a prime mover in the affairs of the New York Cut Flower Company and it was in its market that his stock has found its outlet. But perhaps Mr. Asmus will be best remembered through the length and breadth of the land as the disseminator and sponsor for the Liberty rose. Mme. Testout and President Carnot found their way to the American trade through his hands. Mr. Asmus was a member of the S. A. F., the American Rose Society and New York Florists' Club. The business will be continued by the sons, who for some time have had an active part in it and have already demonstrated that they have inherited many of their father's sterling traits.

Toledo, O.—Keller Bros. are repairing one of the greenhouses at Walbridge park and there are two other houses which must shortly be remodeled.

Washington, Pa.—Warrick Bros., of 498 Locust avenue, have completed their new greenhouses for the growing of lettuce in a commercial way. The houses are five in number, each 15x120 feet, with a potting shed and boiler house on the east end, 12x70 feet. In addition to growing lettuce they will also grow cucumbers, parsley, cauliflower and egg plants for market.

NEW YORK.

With the Retailers.

If one may judge by the enormous quantities of blooming plants and the gorgeously brilliant windows of the retail stores, this is to be an old time Christmas, with enough and to spare for all. There seems to be a confidence and expectancy in the great floral centers as great as in other years and there can be no doubt as to this being the greatest plant Christmas on record. At this writing, Monday evening, the stores are ablaze with color and day and night the plantsmen are delivering their finished work and the increased force is busy banking, arranging and preparing the stock for the grand display of Wednesday and Thursday, when the great retail stores of the metropolis will present to the admiring public an exhibition that pales any ordinary flower show into insignificance. No wonder the usual flower exhibition fails to draw crowds in New York when such a magnificent display is made every Christmas and Easter in our retail stores, the like of which is seen nowhere else in the country.

It would be difficult to particularize where all do so well. Red is the prevailing color, of course, and poinsettias, bells and holly are used lavishly everywhere. Some fine specimen azaleas are in evidence and this plant is used more extensively than ever before for Christmas. Gloire de Lorraine begonias are numerous and beautiful. All the growers have them this season. Ward's baskets of this plant are superb. Orange trees are everywhere and heather is exceptionally profuse and excellent in quality. So, too, is the holly; green, well berried and utilized as never before on the walls as a background for the blooming plants. Bells in all sizes and styles, and red ribbons galore, make the display a brilliant one. Then, to add to it all, come the novelties of the year and the left over novelties of the years that have gone. There are hampers of dark wood, grand pianos in purple and white, chariots of gold and trunks in green and purple, autos and imported vases and the new Russian and Pompaeian designs in wood, exquisitely painted, made into baskets, jardinieres and sleighs and very popular, all the best establishments using them.

Siebrecht & Son's "palace" opened on Monday, as determined upon a few months ago, an accomplishment that then seemed impossible. This firm is occupying all of the immense space on the ground floor of their building—three large stores—with Christmas goods of every kind. The lighting effects here are very brilliant. The entire store is enclosed by immense plate glass windows. The furnishing will entail an expenditure of nearly $10,000. It is without a doubt the finest floral establishment in the world.

Mrs. Scallen's new store in the Imperial Hotel, where her husband established the business twenty-three years ago, is complete and open for the Christmas trade. It is one of the handsomest shops in New York and has a splendid location.

President Traendly.

President Traendly, of the New York Florists' Club, was born in Brooklyn only thirty-six years ago. He comes naturally to the florist pasture, his father having conducted a flower business at Fulton street and Ft. Greene place for many years. At the age of sixteen he was in the service of Fred Donahue, on Fourteenth street, and later was one of the lieutenants with Thos. Young, Jr., at 11 West Twenty-seventh street. In June, 1893, he formed a partnership with Chas. Schenck, in the wholesale commission business at 38 West Twenty-eighth street, where they still hold the fort and are adding yearly to the volume of their business.

Frank H. Traendly.
(President New York Florists' Club.)

Mr. Traendly has been a member of the New York Florists' Club for over ten years and has always been an active worker, well deserving the honor which has been bestowed upon him. He has been a trustee and committeeman, often had much to do with the successful outings of the club and is a strenuous and enthusiastic bowler. His management of the canteen department has immortalized him and endeared him to his fellow members and he will make an excellent presiding officer, dignified, devoted and deliberate.

The Asmus Obsequies.

The funeral services over Ernst Asmus were held on Sunday afternoon at Trinity church, Hoboken, and a very large number of his friends in the trade were present to pay the last tribute of respect and affection to his memory. Representatives from many neighboring cities and towns and a large number from New York and Brooklyn attested to the universal regard felt for Mr. Asmus. Many beautiful floral tributes were sent to the bereaved family, that of the American Rose Society being singularly appropriate. An immense tablet made of Bride, Maid, Liberty, Golden Gate, Killarney and Franz Deegen roses surmounted a vase of American Beauties. Mr. Asmus was beloved by all who knew him intimately. His cheerful, happy personality made friends wherever he was known, and his success in his profession made his reputation national.

Various Items.

The stock of the supply houses is about depleted. Never has there been such a demand for holly and evergreens. Day and night the shipping has been in progress. The Christmas tree department is of especial interest. It is estimated that New York spends $2,000,000 this year for "green goods" and that half a million trees will be distributed within the confines of Greater New York. Prices for Christmas trees retail, range from 25 cents to $25 each. The usual rate paid by the florists is $50 per 100 bundles. Bundles contain from one to ten trees and vary in height from two to twenty-five feet. Mistletoe is plentiful and perfect this year. The imported is especially good and in demand.

The handsome conservatories in Bronx park escaped destruction last week in a terrific dynamite explosion that shattered the glass there and the windows in the botanical museum, 400 feet away. Fortunately no one was injured.

Henry Berger, of Irvington, N. Y., who has been gardener for Miss Helen Gould for over twenty years, met with a sad loss on Saturday, his daughter

Susan being run over and killed by a train.

Desebrock & Co., the originators of the Russian jardinieres, baskets and novelties, have entirely sold out their manufactured stock for the Christmas trade. Their work is a decided novelty and has been in great demand. Mr. Desebrock will shortly visit the large cities with samples of his handiwork. He has been a resident of New York for four years. His father, Gustav, of Hamburg, is the owner of two fine florist stores there and the oldest florist in that city.

Henry Hentz, Jr., of Madison, the grower of special Beauties, has wisely entered the ranks of the Benedicts and added an "American Beauty" to his collection last week, on account of which his brother florists extend congratulations.

C. W. Eberman, manager of the conservatories of Siegel Cooper Co., has built up a great business there during the past year and in a way that has antagonized none of the florists of New York. Prices are maintained at regular rates and only the best of stock is handled. Mr. Eberman managed the business for Dressel & Smutz for six years, when they had charge of these conservatories.

Rowehl & Granz, of Hicksville, L. I., have just sold their entire stock of 100,000 dahlia roots to Clucas & Boddington, who will in the future handle their entire output of dahlias and gladioli. Mr. Schepke, formerly with Bobbink & Atkins, is now one of the traveling salesmen for this house.

Geo. Lorenz, of Astoria, is very ill with typhoid pneumonia.

John Young handled some grand imported holly trees for Christmas. Many of the wholesalers indulged in a "plant flyer" this season and disposed of large quantities of ferns, also, as well as blooming stock and holly. Kurzman-Dacre Co., Young & Nugent, Thos. Young, Jr., Bradshaw & Hartman, Riedel & Spicer, Alex Guttman, James Hammond and Chas. Millang were all active in this respect and made fine displays in their windows. Mr. Millang predicts that plantsmen will ultimately consign their stock to the wholesale men for sale, in the same way the cut flower growers have adopted. His new conservatory just completed covers the entire yard back of his wholesale store and he has handled an immense lot of plants for Christmas.

There were shoals of violet growers from up the Hudson in town on Monday. They came to feel the market and get a line on its capacity. Some predict an avalanche of violets for Christmas. Prices for specials in 100 lots and selected will rarely touch $2.50 unless all signs fail. Last year cut flowers of all kinds were higher on the corresponding days before Christmas. The past week was just about as predicted—exceedingly dull and depressed, the improvement being hardly noticeable on Monday.

Langjahr has received some fine cypripediums from Zeller, of Flatbush, that readily sold at 15 cents, which is top price for many a day. He thinks the new red carnation he is handling ought to go above $25 per hundred before the week is over.

The Long Island florists are suffering from thieving visitations, Louis Dupuy, of Whitestone, being the latest sufferer. It would seem wise for the Long Islanders to add to their assets a good dog, a bear trap and a seven-shooter as preliminary precautions before Christmas.

J. Austin Shaw.

A VISIT TO UTICA.

The writer was invited to go down to Utica and talk a little on carnations. How presumptuous to accept! Yet he did and if he told them nothing new he created a laugh and that's a mutual pleasure. Utica has about 60,000 people, mostly florists; at least when you are riding around the city you would think so. It has more florists' establishments to the square mile than any section of the country I know of, twice as many as our city, with a population at least six times as large. It is not Utica or its many surrounding small towns that use the product of these many establishments. Its roses, carnations and adiantum go to our big cities east and west. To see all or a third of these places was impossible and as it was 2 degrees below zero and eighteen inches of snow during my stay it was not so delightful to get around.

Utica will soon be known as a carnation center. There is Dr. W. A. Rowlands, with four up-to-date houses with nothing but carnations and among them one grand house of Lawson, fine Prosperity, a most well grown lot of Joost, and many of the newer sorts in smaller quantities. The Doctor has fairly got the fever and will continue to grow and expand.

W. P. Pfiefer has doubled his area of glass since I last saw him and the leading article is the divine flower, mostly well done. Wm. Mathews, besides his pets, the orchids, has five or six houses of carnations and here as elsewhere you see the incomparable Lawson superior to everything. At Frank Baker's all was hustle and bustle and I was glad to see the energetic young alderman doing such a fine business and having such a fine stock to do it with. He also has converted one of his places almost entirely into carnations.

Mr. Spencer, of Oneida street, has a house or two of carnations looking well, but what interested me mostly was a scarlet seedling of great promise now in its third year. It is of identical parentage with Flamingo and, I believe, with the expert handling of a Dailledouze, or Ward, or Hartshorne, susceptible of producing a prize-winning variety. If all the city places have enlarged and improved their carnation culture as the few I saw, then the "pent up" city will soon be a center.

You all know Peter Crowe and his now famous Adiantum Croweanum. Happy, rotund man, he has no care now but a dozen houses of this splendid fern, numbering, big and little, hundreds of thousands, and if the cut was ten times what it is, he could dispose of it. The variety or form of the fern is one thing, but how to grow it is another. If I could grow it with such freedom and luxuriance I would Crowe, too. The fifteen large modern rose houses are leased to Brant Bros., of New Jersey, and some great stuff is being produced. Bridesmaids with three and four-foot stems and flowers the size of a small Early York cabbage are plentiful.

And now I come to a delightful trip. C. A. Nicholson, one of Utica's most active business men, has a lovely home in the village of Trenton, some thirteen miles northwest of Utica. Here the surface of the earth begins to roll in pleasant hill and vale. And I suppose as you go north the more and more abrupt and higher the elevations become till you find yourself in the Adirondack mountains or the north woods of New York, where multi-millionaires have already gobbled up vast areas. No law against that and if they will preserve the forest and native game we should be thankful, for vandalism in the shape of the lumberman has laid desolate many a fair spot. How many beautiful spots are there in this region? Thousands, and only waiting for the crowded dweller of the city to take advantage of their natural beauty and make them an earthly paradise. When our state is as crowded as China, or Belgium, or England, we shall appreciate better the picturesque state we have.

Well, now, this Mr. Nicholson is a mighty fine gentleman and like all real, refined gentlemen from Adam down, or up, to McKinley, he loves a flower and so does one of his good sons and sure his daughters, too, and so he built in this beautiful rural retreat three houses each 20x200 and installed them with steam heat and every modern appliance and utility. Turn a button and every house is illuminated with electricity. A ram from a living spring sends water to a reservoir on top of a neighboring hill 200 feet above the greenhouses, so there is 100 pounds pressure. Every modern appliance is used and the utmost order and cleanliness prevail and a sight of the houses and their contents and their genial proprietor is worth a long journey, frozen noses and damp toesies.

"'Tis the sunset of life gives me mystical lore, and coming events cast their shadows before." Yet it takes but a small portion of prophetic lore to see in the very near future a great carnation growing establishment at Trenton and the firm will be as it is now: "Wa-no-Ka Greenhouses, H. H. Nicholson & Co., Aug. Grassel, Manager."

Gus, as he is familiarly known to many carnationists, has only been at Wa-no-Ka since last April. For years he was with Mr. Marquisee, of Syracuse, and watched with parental care the birth, early childhood traits and mature development of The Marquis, Flamingo and Albatross.

From end to end the place is a picture of care and good culture. Many varieties are grown, but some in only small quantites. A house of Lawson for evenness, quantity and quality is the best at this time of year I ever gazed on. Among whites The Queen outclassed them all, and that included the very latest aspirants. Cressbrook, after being thrown out by most of us, is here a magnificent thing, with stems like Lawson. Harry Fenn is a great crimson and the wonderful Enchantress is grown to perfection. Gus swears by Flamingo, and who knows it better than he? And Albatross he says is great. He knows because it has the blood of Wm. Scott. If you go to Utica go out to Wa-no-Ka and then go to Syracuse and see Flamingo in all its glory, as I did, and of which, Mr. Editor, I would like to say something about a week later. W. S.

Fairbury, Ill.—Kring Bros. have an orange tree five feet high in their greenhouse bearing a crop of very large fruits.

PHILADELPHIA.

The Market.

The milder weather that marked the close of last and beginning of this week has greatly increased the quantity of flowers for Christmas, and also, let us hope, the number of shoppers. Indications point to a heavy business, at prices lower than last season on several lines of stock, notably fancy Beauties and small tea roses. Some good shipping orders have gone out, but the local stores are ordering cautiously, feeling that they can secure what they need at short notice.

An Honest Count.

I am very much opposed to the system of reducing the size of bunches of certain varieties of flowers during the busy season. Instead of advancing the price fewer flowers are put in the bunch and the same price is asked. This would not be tolerated with carnations and should not be with bouvardia, lilac or asparagus. The buyer does not sell these in bunches, but divides them, and the grower does himself and his profession harm by bunching eighteen or nineteen sprays of any of the above varieties and sending them into the market. If sold as one and one-half dozen no harm could be done, but the bunches are bought and sold as twenty-five. Make your bunches twenty-five, or twelve if you prefer, so a glance shows what they are and get full value and stop the deception.

Glencoe.

Nearly all my friends, especially among the retailers, want to know how I can take such a hopeful view of business. Some put this question in words, some in looks, some in actions. To all I want to tell the story of Glencoe.

Glencoe is a magnificent horse, a hunter of exceptional ability. He was bought, some years ago, for $1,000, by a young man burdened with an enormous income and who had no idea of the value of money. Naturally this young man soon had more experience and less money. Last week his stables were sold at auction. Among his horses was Glencoe, worth, conservative judges said, about $600, but three bidders wanted Glencoe and he brought something over $1,200.

Now, don't you think there will be a little money around to spend on flowers after all?

Various Notes.

Calendars for 1904 are coming in. The prettiest received so far is a beautiful, naturally arranged cluster of flowers with bloom, buds and foliage all exquisitely colored. There are two sheets, one with pink the other with yellow roses in the center of the cluster. Each sheet is for six months of the year. This calendar is presented by Leo Niessen.

C. Eisele, of Eleventh and Jefferson streets, has sold his corner property for $7,000. He has moved to his old location next door.

The following clipping may prove of interest: A novel reason for damages was alleged by Mrs. Annie H. Sturzebecker in court against the Inland Traction Company and the Philadelphia & Lehigh Traction Company. Mrs. Sturzebecker is a florist and her greenhouses are in Upper Gwynedd. The vibration of the heavy trolley cars, she alleges, breaks the glasses in her greenhouse, and the velocity of the cars causes a lowering of the temperature in the plant-growing houses, to the great detriment of floriculture. It is claimed that business fell off $100 last year, and that this is also chargeable to the trolley companies.

Hope you have a good Christmas and will have a prosperous New Year.

PHIL.

ST. LOUIS.

The Market.

The cut flower trade during the past week was very good, especially so with funeral work, nearly every florist being busy all week with this kind of work. This made a big call for white flowers, with colored stock going begging. Roses have been plentiful and indications are that there will be a full supply for the holiday trade, in all varieties and of good quality. Bride, Maid and Meteor are most plentiful at present. American Beauties are selling well, with fancy stock somewhat scarce at $10 per dozen. Fair stock with medium stem is the best seller at from $3 to $6 per dozen; shorts at $2. Ivory, Gate, Perle and Carnot are not so plentiful and of these the market will be short for Christmas. Carnations are in fair crop for the present demand and with good prospects for a big supply for the Christmas trade. At present the price is $4 per 100 for common stock, with from $5 to $8 for fancy. Enchantress is meeting with a big demand and so are Lawson and Wolcott. The wholesalers have orders booked ahead for all they can get for Christmas. Violets brought $1 all last week, but today the price is up to $2, and $3 will be asked for Christmas. These are in fine supply and of the best quality. Bulb stock promises to be plentiful; that is, in Romans, Paper Whites and valley, with the price on these from $4 to $5 per 100.

Everything looks bright at this writing (Monday) for a good Christmas trade, and from reports quite a number of orders have already been placed for cut flowers and many plants are seen labeled "sold." Among the plants that are offered for Christmas and which are most salable are Gloire de Lorraine begonias, cyclamens and poinsettias. A few fine azaleas are also seen. All of these are meeting with ready sale. Dwarf oranges and Jerusalem cherries are also well thought of.

Sales of holiday greens are more than satisfactory. One of the features of the trade is the short supply of bouquet green. With the price advancing almost every day and not so many fakirs out with wreaths, the demand for holly is big, as the quality this year is very fine, with plenty of berries. Mistletoe is unusually fine this year. Fine bunches are seen in all the stores, with a big demand.

Various Notes.

The next meeting of the Florists' Club will be held on Thursday afternoon, Jan. 14, at 2 o'clock. This meeting will be a very important one for the members. All chairmen of committees are requested to be present for instruction as to what is expected of them when the executive committee of the S. A. F. meets here in March.

Mr. and Mrs. Max Herzog are reported very sick at their home near Gratiot station. From last reports they were still under the doctor's care.

Mrs. H. G. Berning is reported dangerously ill from an operation performed the past week. Henry has the sympathy of the trade.

C. C. Sanders had to do jury duty the past week, which is not very pleasant these busy days. Mr. Sanders reports a good trade in nursery stock this fall.

The Society of Naturalists, of which Prof. William Trelease, of Shaw's Garden, is president, will meet here next week and St. Louis will be honored with distinguished representatives of this society. Prominent and sueeessful investigators make up this and the Botanical Society, which was organized ten years ago for the promotion of research in all branches of botany. Prof. C. R. Barnes, of Chicago, is president of the Botanical Society, and Dr. D. T. McDougal, of New York, is secretary. The Central Botanists' Association and the Fern Chapter is also a chapter of this society. B. D. Gilbert, of Clayville, N. Y., is president of the Fern Chapter, and H. D. House, of the New York Botanical Garden, is secretary. One of the features of this meeting will be a banquet at the Mercantile Club on the evening of Dec. 30. The visitors will also be shown over the grounds of the World's Fair.

The florist bowlers will begin a series of games for prizes after New Year's, and every Monday night until the convention in August the bowlers will be found at the Blue Ribbon alleys. The ladies bowl every Wednesday afternoon and the juniors every Tuesday night at the same alleys.

J. J. B.

CHICAGO.

The Market.

Writing on Wednesday at the height of the Christmas activity, there is only one point on which the wholesalers agree: They all say it is a very satisfactory week, as to the aggregate of sales, but from that point reports diverge. One house is short on long Beauties; another has them to spare, but can't get the first mentioned to buy. Some are short on good roses; others have enough for all orders. One house has double violets by the thousands; another has wired its growers for more. Even on the carnation proposition there is a difference of report. Carnations are scarce, yes, but one house closed up Tuesday night with at least 10,000 on hand, and several others had plenty, simply because the buyers could not use them at the prices asked. Receipts on Tuesday were larger than had been expected, and again on Wednesday arrivals were heavy. While many shipping orders have gone out only partially filled, it begins to look as if it would take a considerable recession from quoted rates to move the lower grades, particularly whites, and once more the grower who stored his stock stands in a position where he may be sorry. When prices are held too firmly wholesalers will not buy of each other, for there is no commission in it and the possibilities of loss are too great. Yet, after all the recent cry, the growers expect 5 and 6 cents for their carnations.

One of the notable things has been the call for Liberty roses. Every order has required more or less and calls for from 200 to 500 select eat up the available supplies very fast. There has been some very fine stock about, well worth the 25 cents asked, but there have also been quantities which bore the marks

of extreme old age. In general it may be said that roses sold better than last year because the average price was a little lower, that carnations sold slower because the prices were higher and that bulb stock went well because everyday prices prevailed.

Various Notes.

The Chicago Florists' Club will hold a series of meetings in the various sections of the city, north, south and west, between January 1 and February 17, the exact dates and locations to be announced later. All persons in any way engaged in the trade are requested to be present, especially employes who are not members of the club.

At the last club meeting W. N. Rudd invited the craft to "picnic" at his place on Friday, December 18, and many accepted, but only a small party showed up at the appointed hour. Those who absented themselves missed a very pleasant afternoon. Phyllis, Mr. Rudd's new light pink, was, of course, a center of interest, for the variety always shows up strong. He has a large planting of an unnamed white seedling of 1898 which came in for general approval. It has never been staged at a flower show, and it may not be an exhibition variety, but it looks to be a first-class money maker. There is a red, with an exaggerated stem that may be exhibited next year. Mr. Rudd says White Lawson is in every way better than the parent and certainly the plants on his place bear out his statement.

The $50 premium money donated by Peter Reinberg and Wietor Bros., for last week's Florists' Club show, was distributed as follows: $20 to Garfield Park Floral Co., $10 to J. A. Peterson, $5 to W. L. Palinsky, $5 to Kalons Bros., $10 to Chicago Carnation Co., each of whom had a meritorious exhibit.

One well-known carnation grower, although not a large one, says he finds it profitable to put a union label on every carnation bud as soon as it shows color. The little rubber band effectually prevents the calyx from bursting, does not retard development and is quickly cut off when bunching the flowers.

John Reitmeyer has a range of seven houses at St. Louis and Foster avenues, all devoted to carnations and doing well. His Enchantress are particularly good. Randall handles his cut. Mr. Reitmeyer was one of the first greenhouse builders north of town, but has given up contracting altogether.

J. F. Klimmer says that from 5,000 carnation plants, his cut lately has been 700 a week, where in October and early November he got twice as many.

A handsome Christmas present came to John Steinmetz, one of the travelers for W. W. Barnard & Co., in the shape of a nine-pound son, arriving December 21.

Harry Rowe has the decoration at Rector's for New Year's eve.

Klehm's Nursery was in with a very big cut of Liberty for Christmas.

The stockholders in the Flower Growers' market will hold their annual meeting January 2.

Mrs. Stollery comes down each morning with a nice lot of plants, including peppers, azaleas, poinsettias and bulb stock in pans.

The secretary of state at Springfield has licensed the incorporation of the Chicago Florists' Bowling Club. It is stated that the application was made by two members and others without authority from the club.

OUR FLORISTS' CLUBS.

In a recent issue of the Gardeners' Magazine, London, William Falconer, of Pittsburg, writes in part as follows:

"In most all of the big cities of the United States the florists and gardeners have what are known as florists' clubs, one in each city. The club meets once a month and discusses timely horticultural topics. These clubs, when properly handled, do much good; they bring the members into close acquaintance, and all become familiar with the newest and best varieties of plants to grow, and the best paying and most progressive methods of cultivation and construction, etc. These clubs are not beneficiary societies in any way.

"As I have for several years been president of The Pittsburg and Allegheny Florists' and Gardeners' Club, I will tell you something about what we do, and this may be suggestive in inducing you to go and do likewise. We hire a small hall one night a month. Our annual dues are $2 a year, just enough to pay our expenses. We meet at night from 8 to 10, but it is often 11 before we get through, and our meetings are well attended, bright and interesting. Routine business is brief, and long discussions are disallowed. A special subject, as the rose, carnation, palms, house decorations or the like, is taken up for consideration and discussion at each meeting; it is announced at the previous meeting, and all come prepared to handle it, and a special exhibition of the subject is made. For instance, if it be roses, the several growers of roses send in a few of their choicest flowers, and a letter of request is sent out to the uttermost ends of the country to the raisers of new varieies or growers of special kinds for exhibits of their roses and a few notes about them. This brings together a most instructive display. No papers are prepared or read. A busy gardener or florist has no time to prepare a paper; besides, the very thought of having to prepare and read a paper would scare some of our very best growers clean out of our club. But the most diffident cultivator will answer questions as fast as you ply them at him.

"The president takes the chair and gets through the routine business as quick as possible. Now we come to the subject of the evening, viz., Roses. The standard sorts are taken first, and one variety at a time is placed on his table. These American Beauties were grown by John Smith. John is asked the condition of his crop, when he planted them, how far apart, how deep the soil, the composition of his soil, about temperature, ventilation, training or tying, second crop, mildew, red spider, fertilizers, etc., and John will answer each question pointedly and promptly. Then the chairman will ask other growers pointed questions as regards their experience and practice, and there will be an explanation of differences in treatment or marketing or cropping. There is no hesitation or dullness; sometimes three or four men try to speak at once. The Beauties are passed and removed, and on to the table come Meteors, and after them Brides, Testouts, and so on, each one in its turn. Then come the new varieties, and the way they are torn to pieces sometimes makes one sorry they ever appeared. But it is a critical audience and an honest one.

"For each month we select a seasonable topic and all of our local daily newspapers report these meetings, and they also are noted in our horticultural or florist papers. And once a year, in the summer-time, we have an outdoor picnic."

Vegetable Forcing.

Chicago, Dec. 23.—Radishes, $1 to $1.25 per 100 bunches. Lettuce, head, 30 to 50 cents tub. Cucumbers, 50 to 60c dozen.

Canandaigua, N. Y.—Duncan Rhind & Son grow grapes and vegetables as well as roses and carnations. They also have a large stock and fruit farm.

The English horticultural journals are taking favorable notice of the pure culture method of making mushroom spawn practiced by Paul Swanson, Chicago. The French growers have had good results by this method, and the English papers have frequently advocated its trial in that country.

FUNGUS IN LETTUCE.

If it were not for the attacks of fungus, the growing of lettuce under glass would in most cases be an easy matter, but as it is, it requires constant care and watching to ward off, or keep the diseases in check. Much trouble may be avoided by keeping the plants in as healthy a condition as possible, as a healthy plant is not nearly as susceptible to the attack of any disease as a plant of weakened vitality. But as a healthy man is not immune from contagion, no more is a healthy plant immune from a fungous disease if the spores of fungi are brought in contact with it and the atmospheric and other conditions are suitable to the development of the fungus.

The first step toward the prevention of the trouble is to see that the house gets a thorough cleaning before cropping is begun, so that no spores will be left hanging around. No decayed material or rubbish of any kind should be left under the benches. All old soil should be taken out and the benches given a thorough washing with hot lime, or a spraying with copper sulphate solution before the new soil is put in.

It is short-sighted policy to try to raise a crop from old soil rather than go to the trouble and expense of putting in fresh material. The old soil may look all right and one might think that the addition of fertilizers would renew its worn-out qualities, but the chief danger is from its having been subjected to the influence of summer weather and having become more or less dry and powdery, after which condition fungus is almost certain to develop as soon as water is applied. If any one wants to prove this let him apply water to soil that has been severely dried, and he will be surprised to see how quickly the soil will become covered with minute fungus. Let him sow small seeds in it, and he will find that no sooner are the seedlings

over ground than they begin to damp off. This damping off, as it is commonly called, is the work of a fungus.

From my own experience and observations I am satisfied that the cause of most of these fungous diseases can be traced to the soil, and the experiments of others in sterilizing, etc., have proved that when the soil is perfectly free from the spores of fungus, with suitable conditions for the crop under cultivation and ordinary care, these diseases seldom make their appearance. Atmospheric conditions have more to do with their development than their origin. Overhead watering and drip are often blamed for certain diseases, but condensation from a close and humid atmosphere is more suitable to their development. I am never afraid to water such tender subjects as lettuce overhead on bright days when I am satisfied that the foliage will be dry before time for shutting up the house. The spores of fungi certainly require moisture to develop, but being minute bodies have little chance of remaining on the foliage when water is being applied in any quantity, whereas when the foliage is merely moist, as it would be from condensation, it affords excellent conditions for their lodgment and development.

The whole lettuce plant is edible and any disease attacking its leaves, though not killing it outright, will render it unfit for market, while diseases in other plants, such as tomatoes and cucumbers, can be checked by spraying with fungicides. Hence the necessity for proper conditions and treatment and the exercise of every possible means of prevention for the successful growing of the crop. W. S. Croydon.

CLEVELAND.

The Market.

Business in all lines has been almost at a standstill, but as the cut of flowers has been very light, nothing has gone to waste, and as every grower in this vicinity seems to be off crop, prices hold up to previous quotations. It is almost impossible to get a quotation on carnations, with a promise to fill the order. There will be quite a few mums offered this week and prices will be good on them. Paper Whites and Romans are coming in more freely, and will help out on funeral work.

Notes.

Frank Riley is back again with Smith & Fetters, having left E. J. Bolanz, of Akron, when the new partnership of Bolanz & Best was formed. Mr. Best is one of our Cleveland boys, and we are pleased to learn that he has left Chicago and is getting nearer home, and wish him every success in Akron. E.

THE COMMISSION MAN.

Says a well-known English writer in the Gardeners' Chronicle: "I am aware that there are many country growers who send their goods to Covent Garden to be sold on commission, and in many instances it is when the supply much exceeds the demand that these extra consignments reach the commission men, and when returns are made the senders are surprised at their smallness; but, as one of the large commission men explained to me the other morning, they are obliged to look after those first who send every day through the year, and though consignments from casual senders may be good, they of necessity get left over until all the best trade is supplied. The commission-man's position is not altogether a pleasant one, for though he may conduct his business on the strictest and most careful lines, he finds it impossible to satisfy all concerned. Yet I am sure that the grumblers would not do better if they acted as their own salesmen."

LOSS OF VIGOR IN PLANTS.

In discussing the loss of vigor in plants through propagation by cuttings, A. Hemsley writes:

"I think there is little doubt that some species of plants deteriorate with age. I will take carnations as the first example. While many varieties will retain their vigor for an almost indefinite time, others only last for a comparatively short period. The yellow varieties appear to me to lose some of their vitality sooner than any others. I remember when first handling Pride of Penshurst that I propagated several thousands, and they all made bushy, healthy plants—in fact, I never knew any variety of carnation to do better; yet the following season I could not succeed so well, and year by year the stock got worse, until I had to give it up altogether; but before doing so I obtained a stock from another grower. I had a similar experience with Andalusia, a winter-flowering carnation, a great favorite twenty years ago, which is hardly ever seen now. Some other varieties have also dropped out of cultivation, but there are none better to take their places. My experience was gained in establishments where plants were grown for sale, and it may be that owing to the strongest and best plants always being sold, and cuttings and layers from weak plants were made use of, the stock deteriorated more quickly than it otherwise would have done.

"I will now take Begonia Gloire de Lorraine, which has always proved abortive; in fact, it rarely produces female flowers; and this variety, instead of deteriorating, appears to gain in strength from year to year. There seems little doubt that all plants which fail to mature seeds may be propagated from cuttings and a healthy stock kept up for a much longer period than can be done with such plants as seed freely; and yet it is possible to grow many of the seed-bearing plants for an indefinite period without ill effects being apparent. I have often referred to the necessity of propagating from strong, healthy stock and I have noticed that with some species a long time is required to make good plants from weak cuttings, and in some instances it is impossible to do so. Take Erica hyemalis, a species which must have been in cultivation for at least half a century; it has always been raised from cuttings, and as grown at the present time it is more robust than it was twenty-five years ago; and the same may be said of other ericas. I will refer to one other subject, viz:, Asparagus plumosus. I have found that all seedlings will grow vigorously if potted on as they require it, and otherwise treated liberally; but grown in poor soil and after being divided several times the growth gradually becomes weaker, till at last the variety "nanus" is evolved. It is much the same with Aralia Veitchii and A. gracillima, which are usually cultivated in light, peaty soil; but potted in rich loam and afforded good treatment they grow quite out of character. It is not difficult to get these into the vigorous growth, but it takes some time ere the plants get back to the thin graceful habit.

"There is one more point I may refer to, viz., the propagation of plants which produce terminal inflorescences, such as Euphorbia pulcherrima (Poinsettia), the plants raised from early cuttings of which grow at the least three feet in height before they come into flower; but the tops may be taken off and rooted, and if treated properly, large heads of bracts may be obtained on stems not more than nine inches or a foot high. There are other plants which may be treated similarly, but it would not be safe to trust to these late propagated plants for the next season's stock. There is much more in the choice of stock plants and in the selection of suitable cuttings than is generally supposed."—Gardeners' Chronicle.

THE HAIL ASSOCIATION.

The Florists' Hail Association of America has been organized over sixteen years, during which time the members of the association have paid thirteen assessments, including the one paid upon joining. The association is a purely mutual organization, in which the members place in the hands of the treasurer one advanced assessment in order that losses may be paid promptly. The present membership numbers over 1,200 located in nearly every state in the Union and in Canada. Over nineteen million square feet of glass is now insured. Over $65,000 paid to members, representing 740 losses, is the record for the past sixteen years. John G. Esler, Saddle River, N. J., is secretary.

FROM OUR ENGLISH EXCHANGES.

The Gardening World.

Forcing Lilacs.—Like most hardy plants and shrubs, the lilac resents hard forcing; a temperature of 50 or 55 degrees will be ample for the first fortnight after housing; afterwards a rise of a few degrees by sunheat may be accorded. Those who have lofty structures may lift one or two large bushes that have been transplanted during the last year or two, taking care to retain a good ball of soil to them. It is not absolutely necessary to pot these; they may be stood upon the floor and the roots covered with old potting or other soil. Abundance of tepid water both at the roots and overhead is essential until the blossoms begin to open, when the overhead syringing should cease. Excellent varieties for the purpose are Charles X, single, Madame Lemoine, Virginité, and Leon Lemoine, double.

Akebia Lobata.—The leaves of this climber consist of three leaflets and the fruit of an ornamental character, being three inches to four inches long, and purple in color. It belongs to the barberry family, and comes from Japan. A plant was recently fruited in a Nottinghamshire garden. The better known A. quinata does not often fruit, although it flowers freely enough, both under glass and on an outside wall.

Frankfort, Ind.—Emil Knabe has bought the greenhouses of Mrs. Elizabeth Kuntz, in which he has been employed several years.

PETRIFIED CALLA BULBS.

A day or two ago I sent you what we thought was a petrified calla bulb. Some time ago our men were digging open a trench where there was a steam pipe buried for several years and one of them unearthed this specimen. When the pipe was first put in it might have gotten in with the filling material. It happened to be buried mostly in gravel. Can you make anything else out of it?

A. F. J. Baur.

The petrified "something" has arrived. But why, Mr. Editor, do you send it to a simple gardener? I am not a geologist. I wish I were. The state geologist would be the proper person to determine whether this was the petrified corm of a Richardia Aethiopica or merely a fragment of some marine plant or crustacea that lived and died in the early ages of our planet, so distant in the remote past that, like space and eternity, the mind cannot grasp it. Without calling yourself a geologist or even admitting that you have a smattering of that glorious science, the truths of which have so enlightened and expanded our knowledge of the earth's past history, yet it is the duty of all intelligent men to acquaint themselves with the great and broad truths of the science, and how many intelligent men can say that such marvelous revelations do not interest them is beyond understanding. There are millions of smart men troubling themselves about hazy traditions, fictions and ghost stories in connection with man's comparatively brief occupancy of this terrestrial sphere that are not the least interested in the fact that it took two millions of years to form the coal measures alone, or that perhaps another million years the face of the earth was covered with reptiles or kindred monsters, the remains of which are now found in immense quantities in our states of Wyoming and Montana.

Creatures with bodies seventy-five feet long and a spread of wings 100 feet across once flew over the city of London. What a nice birdie to settle on the roof of a greenhouse! But there were no greenhouses then, no man in his most primitive form, perhaps no true mammal or warm blooded animal, no flowering plant or fruit bearing tree. How easy to be led off into the wonders of the past, so I will pull up merely to say that accepting the nebular system and then following through the inorganic rocks up through the carboniferous and through successive ages to the tertiary, it is not difficult for any of us to realize the stupendous age of the earth, as well as by the remains of former life in these past ages to see the gradual development from the minutest denizen of the ancient seas up through the shell fish, crustacea, fish, reptile, bird, mammal and, last of all, the crowning work of the Creator, biped man, and later, much later, a man with a conscience.

John Fisk, professor of history, philosophy and several other things at Harvard, one of America's greatest men, who died three or four years ago, in his beautiful little book, Through Nature to God, which every soul who can should read, says, "Man has without doubt existed on this earth a million years in his present physical form but in a low mental form." He then adds that there is every evidence that man was on the earth during and survived the glacial period. Some bigoted or wilfully blind persons may ask how John Fisk knows all this? From the vestiges that man has left behind him, and great minds have made a life study of prehistoric man, and surely they are a better authority on such a subject than the great divines of the past, present or future. The divines have a different sphere of usefulness and when they antagonize the revelations of science they always receive a "solar plexus," but they recover from the blow and what they deny in this generation they admit to be the indisputable truth in the next.

In the little farm in Genesee county, N. Y., where the writer tries to grow our staple flowers, the land has here and there a large granite boulder; perhaps a few rods farther on is a great slab of limestone. Both the granite and limestone must be countless ages older than the soil or sub-soil, or anything you can dig up for fifty feet beneath the surface. These granite boulders and limestone chunks were carried by the glacier from hundreds, perhaps thousands, of miles north and in its movement south, as it slowly melted, it dropped here and there pieces of rock that it had scraped off and carried along from northern lands. In New England and some parts of fertile Ontario you will see the boulders so thick you can jump from one to another for a mile or more. This must have been where a glacier took a long rest and deposited its rocky increment.

One day a few years ago one of the men who was working on the land brought me two fossil horns, or what he thought were horns of some ancient short-horn cattle. They tapered from the base, where they had grown on the skull, and had the rings and were indeed very like petrified horns, but they were nothing of the sort. My learned friend, Prof. Cowell, who is a geologist, said they were the remains of some mollusc and had come to where they were found in the limestone deposited in the glacial period. Now the petrified article of Mr. Baur's is almost identical in appearance to a piece of those "horns." It is possible that it may be the corm of a calla and the action of the gravel has produced petrification, and I am going to submit this curious specimen to the same learned authority and let you know and apologize for this long yarn, but being indoors with a desperate tight chest, I have nothing else to do.

W. S.

BROCKTON, MASS.

The Crawford store and greenhouses, owned by Charles Cooper, have been disposed of at public auction. There were seven greenhouses 20x100 and three hotbeds 8x100, also machinery and two and one-half acres of land.

The Christmas trade is very heavy this year and all the stores are doing a nice business. There is a shortage of carnations, especially white, which bring $3.50 to $4 per 100 wholesale. L. D.

Winona, Minn.—Mrs. D. Voelker, of the Huff Street greenhouses has let her place freeze up, as the high price of coal and sickness in the family did not warrant keeping them going. Ed. Kirchner will tear down five of his houses in the spring and replace them with seven of the Dietsch short-span houses.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

WANTED—By March 1st, situation by all-round man; would take charge of large place in Florida; now employed on one of the best places in this state; ten years in present situation; wages wanted, $15.00 per week. James Humphries, 604 Oglethorpe St., Macon, Ga.

WANTED—Mauager and propagator; one who thoroughly understands the growing and propagating of all kinds of plants, summer propagation of roses and shrubs; married man preferred; must be well recommended; state wages and full reference. Address, care Florists' Review, No. **10**, Chicago.

WANTED—Florist, single, to grow pot plants and cut flowers and take entire charge; state salary and reference. C. E. Tresch, Marietta, Ohio.

FOR SALE—Established greenhouses, floral business and property, nursery, two dwelling houses, 1500 square feet of greenhouses; no other in Southeastern Idaho; also supplies Northern Utah and Western Wyoming; unexcelled shipping facilities; six lines of railroad diverting into rapidly growing towns and country; it's a bargain, and the business should be continued; must be sold on account of death. Address: The Church & White Co., Pocatello, Idaho

SITUATION WANTED—By young single man experienced as assistant florist; good reference; state terms. Address Newton, 2025 Harlem ave., Baltimore, Md.

FOR RENT—Good chance for young man with small capital; 6000 feet of glass in a live Iowa city of 10,000; steam heat; cheap rent; necessary stock in good condition; possession given by March 1; write for particulars. C. G. Krieger, Mason City, Iowa.

FOR SALE—I have three nice greenhouses well stocked with Easter and spring plants; potting shed, 12x50 feet; 1 large wagon shed, holds 2 wagons; 1 rose bed; about 25 sash for outdoor beds; good will and fixtures of a stall in the best market in Philadelphia; can get back price asked in 6 months; have good reason for selling. Apply to William G. Wenker, Powder Mill Lane, Frankford, Philadelphia, Pa.

SITUATION WANTED—In or near Chicago by young man of 26, with 5 years' experience. Address No. **9**, care Florists' Review, Chicago.

FOR SALE—Three greenhouses; 6 000 feet of glass, newly built, well stocked; with one acre or more of land; good retail stand; 18-year lease; price, $3,000; half cash, balance on time; or will take a partner with $1 000 or $1 500. In Chicago. Address No. **8**, care Florists' Review, Chicago.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

WANTED—A bright, hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first class saleeman. Address, with references as to ability and character, stating wages desired, No. **205**, care Florists' Review, Chicago.

FOR SALE.—One 35 horse-power horizontal tubular steam boiler, all complete except steam fittings, $70.00; one 6-in. Ericeson hot air engine, $45 00; one 8-in. Ericeson hot air engine, $65 00; one 6-in. Rider hot air engine, $95.00; one No. 5 Scollay, good condition, $50.00; one No. 5 Weatheredg, good condition, $50 00; new guaranteed block pipe, full lengths, at 9¾ cts. ft.; second-hand pipe as follows: 2-in., 7½ cts; 1½-in., 5¾ cts.; 1¼-in., 4½ cts; 1-in., 3¼ cts; ¾-in., 3 cts.; second-hand pipe cutters, $1 50; No 1 stocks and dies, $4 00; No. 2 stocks and dies, $5 00. Guaranteed ¾-in. hose, will stand 150 lbs. water pressure, 7½ cts. ft.; not guaranteed, 4¾ cts. ft.; also a job lot of old fire hose; send for price and quantity. New greenhouse glass 16x24, double, natural gas made $3,50 box; 16x18 14x20 double, $3.35 box; 12x16, single, $2.40 box; 10x14, 12x12, single, $2 28 box; 8x10 double, $3.10 box. Lot of new cypress for benches, $30 00 per 1000 ft. We furnish everything for building. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health

JAS. RICHARDSON, London, Ohio.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

GOOD ROSES.

Everything has been cut close for Christmas, but several of our growers are on with big crops of Roses which will hold well over New Year's into January. Our Brides and Maids are second to none in this market.

Give us your New Year's Order. We shall have everything seasonable.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph Street, CHICAGO, ILL.

Long Distance Telephones 1978 and 1977 Central.

Mention the Review when you write.

CINCINNATI.

The Market.

This market is quiet at this writing, but it is the lull before the storm. There is very little stock at any of the wholesale houses, but I do not doubt but that if you were to visit the cellars at the various greenhouses you could find an abundance of nearly everything. Taken in all branches business is better than last week, but is still nothing to brag about. Carnations are shorter than ever, if possible. Roses are in fair supply. Harrisii lilies, also callas, are coming in and meet with ready sale. Violets are scarce and many more could be sold. Valley and narcissi are in good form. A few short and medium chrysanthemums now and then are quickly snatched up by the retailers, as white flowers are scarce. Smilax is in over-supply at present, but Asparagus Sprengeri, plumosus and adiantum are not equal to the demand.

Various Notes.

J. A. Peterson has returned from his trip through the east and reports the demand for his specialties as being very good. His son, Rodger, is also on the road and has been sending in some nice orders.

Sherman Thomas, of Fort Thomas, Ky., suffered a loss through fire which destroyed a propagating house and one greenhouse.

A visit to Richmond and New Castle during the past week was very interesting in showing the various florists rounding things into shape for the holiday rush. At Richmond the B. K. & B. Floral Co., the E. G. Hill Co., G. R. Gause and E. T. Grave were visited. The B. K. & B. Floral Co.'s carnations were by far the best that I saw, but Chas. Knopf, the manager, was in dire distress owing to the failure of his water supply. The new roses at the E. G. Hill plant are a sight worth going far to see. John F. Lemon is in the best of health, but still finds the warmth of the house more to his liking than outdoors.

At New Castle, Heller Bros. are right in it with a large crop of long-stemmed Beauties, but short ones are scarce. They also have a good crop of tea roses on. Reinberg & Weiland are cutting some fine Brides and Maids. L. A. Jennings had the best roses I ever saw at that place. C. J. OHMER.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

NEW YEAR'S PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$8 00
30 to 36-inch stems	6 00
24-inch stems	5 00
20-inch stems	4 00
15-inch stems	3 00
12-inch stems	2 00
8-inch stems	1 50
Bridesmaids	$8 00 to 12 00

	Per 100
Bride	$8 00 to $12 00
Ivory	8 00 to 12 00
Liberty	6 00 to 15 00
Golden Gate	8 00 to 12 00
Perle	6 00 to 10 00
Carnations, good	4 00
" fancy	5 00
" extra fancy	6 00 to 8 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention the Review when you write.

KALAMAZOO, MICH.

At the time of writing Christmas orders are coming in fine shape, and evidently the volume of trade will be in excess of last year. The supply of roses is good and quality excellent. Beauties are fine and cannot be said to be scarce, but the orders exceed the supply. Carnations are fine and a fair cut, but these also will be short of the demand. The demand for pot plants, such as azaleas, cyclamen, lilies, primroses and poinsettias is brisk and prices good. Green goods of all kinds are plenty and command ready sales.

At the Dunkley establishment M. F. Kyle has a fine batch of poinsettias, which are in great demand.

The Van Boehove's have a very fine cut of Beauties and other roses. Their carnations have also given a fine cut, but apparently there will be a shortage on this item. They have just put into commission a handsome new delivery wagon, which is a real work of art.

John Meints (De bloemen kweekker) has been setting them up for the boys. He is rejoicing over the home-coming of a twelve pound boy. R.

CUT VIOLETS

WANTED

Will Large Eastern Growers send a sample, Single and Double, also price for season. Can use 10,000 to 20,000 weekly.

A. LANGE, 47 & 51 Monroe St. CHICAGO, ILL.

Mention Review when you write.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

NEW YORK, Dec. 9.—The seedling variety John Burton, described as a Japanese incurved, light rose pink, silvery reverse, giving a shell pink appearance, shown by Nathan Smith & Son, Adrian, Mich., scored 85 points commercial scale.

FRED H. LEMON, Secretary.

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz.,	$1.50
SALVIA Nana Comp., Bonfire	" 25c.	¼ oz., 75c.	oz.,	2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz.,	1.00
PETUNIA, large flowering, fringed, mixed			pkt.,	.50
PETUNIA, double, large flowering, fringed, mixed			"	1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz.,	5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz.,	9.00

Our Wholesale Catalogue mailed free January 1st.

Stumpp & Walter Co.
50 Barclay St. N.Y.

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis Mo., June, 1904.

THERE is also a shortage of asparagus seed.

WM. HENRY MAULE, Philadelphia, has been mailing 1904 catalogues since the middle of December.

THE rear guard of the California travelers finds a belated journey more advantageous this year than for some time.

THE only thing that seekers of cucumber seed ask is a reasonable assurance that the seed offered them has not more than six kinds in it.

VISITED PHILADELPHIA.—James B. Kidd, representing the Cox Seed Co., San Francisco. S. F. Willard, Wethersfield, Conn., president of the American Seed Trade Association.

EGG PLANT seed will be one of the items that will give bother to the seedsmen who sell to market gardeners. The supply of dependable stock of egg plant seed is exceedingly short.

THE retail catalogues that are long in coming out will have the best chance of having right prices in them. The early ones, however, will likely have the first chance to refuse to fill orders.

ROCKY FORD, COL.—D. V. Burrell says he was able to fill all contract orders on summer squash, with a small surplus. He grew this seed himself. Mr. Burrell grew between 600 and 700 acres of cucumbers.

CONTRACT, or advance orders, on a pro rata crop basis, were never, in a general way, filled shorter than they are being filled this year. There are, of course, exceptions, which apply mostly to California crops.

CANNERS are paying $8.50 to $10 for sweet corn, and cucumber seed goes for $2. Retail prices for sweet corn are sure to be higher than was ever known in the trade, and the same will apply to cucumber seed.

WORD comes from St. Louis that the American Seed Trade Association will hold its twenty-second annual convention in the World's Fair city June 21 and 22, and that headquarters have been secured at the Forest Park University Hotel.

EVANSVILLE, IND.—W. H. Small & Co. report: "The seed trade at Evansville just now is dull. The clover seed situation is in rather a peculiar shape, as the country that usually buys a great deal of this seed this year has raised quite a quantity of it, although the quality is very irregular. Also a great deal of territory in Illinois, which previously has not had any seed, apparently this year has a great deal, hence we are not very sure that the present high prices are safe. The trade in alfalfa in this territory has increased wonderfully in the last two or three years, a great many people having had good success in raising it, and the demand this year appears to be even more urgent than it has been before."

THE only 1904 catalogue thus far received quotes most of the varieties of sweet corn at $8 per bushel. It contains, however, a slip stating that the prices were printed before the actual shortages were known and that values are now higher.

BAYARD HENRY, receiver for D. Landreth & Sons, states that the purchasers of a part of assets are Burnet Landreth, Jr., and S. Phillips Landreth, sons of Burnet Landreth, senior member of the insolvent firm. The purchasers had no interest in the old firm except as employes. The receiver states that the purchase money was advanced by friends and was no part of the bankrupts' estate.

ROCKY FORD, COL.—There are over 1,000 truckers here who grow more or less seed and the vine seed crops of the valley this year were over 2,000 acres, not considering the Rocky Ford cantaloupes. Many truckers grew cucumbers for market and after shipping saved the seed from the balance of the crop. Some of this seed coming on the market has caused more or less recrimination because of suspicions of the non-observance of contracts.

CATALOGUES RECEIVED.

Hoffman Bros., Portland, Ore., roses; C. H. Green, Fremont, Neb., retail list; Rivoire & Fils, Lyon, France, novelties; Philadelphia Lawn Mower Company, Philadelphia, mowers; Charter Gas Engine Company, Sterling, Ill., gas engines; C. H. Totty, Madison, N. J., chrysanthemums; M. Herb, Naples, Italy, seeds; Ludwig Moller, Erfurt, Germany, horticultural books.

WINNIPEG, MAN.

All the establishments stocked up for a big Christmas business. H. E. Phillpot has a nice lot of cyclamen and Chinese primroses, also bulbous stock in pans, which is also a good seller. He had a lot of chrysanthemums in pots for the holiday trade. His cut flowers were largely shipped in from the south. Mr. Phillpot is a progressive florist and always makes a trip east each year to see what is going on in the trade and to buy stock.

At Alston's begonias, cinerarias and primroses are leaders. There is a good sale on palms and ferns. Chrysanthemums are a specialty here.

At the Fort Rouge place cyclamens are greatly in evidence, also marguerites. Carnations and mums are in good shape for holiday trade.

James Birch, on Notre Dame avenue, has a very fine stock, including peppers, azaleas and begonias, also well-grown decorative plants. He is doing a big business in holly, etc., and carries a large stock of song birds.

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

POTATO Northern Star
THE TALK OF THE GARDENING WORLD.
For lowest cash price address
WM. DEAL, Jr., F. R. H. S.
FEERING HILL, KELVEDON, ESSEX, ENGLAND.

.....EXTRA CHOICE.....
Flower Seeds.
LIST FREE ON APPLICATION.
FRED. ROEMER, Seed Grower
QUEDLINBURG, GERMANY.

New Chrysanthemums
The best of the Novelties shown at New York this year are from my last year's set.
Another great set described in my special list just out. Sent post free. Write for it.
W. WELLS & CO.,
EARLSWOOD, - - SURREY, ENGLAND.

HJALMAR HARTMANN & CO.
SEED GROWERS,
COPENHAGEN K., DENMARK.
Cauliflower Seed. Copenhagen Erfurt Dwarf Snowball and Copenhagen Erfurt Dwarf Danish Giant.
Cabbage Seed. Improved Amager and Danish Ballhead. Low-Grown. High-Grown.
PRICES ON APPLICATION.

SEEDS Write for prices on quantities wanted of
Peas, Cabbage, Beet, etc.
SURREY SEED CO., Ltd.
REDHILL, ENGLAND.

KOSTER & CO.
Hollandia Nurseries, BOSKOOP, HOLLAND.
HARDY AZALEAS, BOX TREES, CLEMATIS, CONIFERS, HYDRANGEAS, PEONIES.
Pot-Grown Plants for Forcing.
Rhododendrons, H. P. Roses, etc.
CATALOGUE FREE ON DEMAND.

Awakening of another year is on us

And the following items are seasonable:

FRESH PALM SEED,

KENTIA BELMOREANA, per 100, 60c; per 1000, $4.00
KENTIA FORSTERIANA, " 60c; " 4.00

SWEET PEAS--1903 Crop.

Salopian Scarlet, 35c per lb. Countess of Radnor, 30c per lb.
Boreatton, . . 25c " Emily Henderson, 30c "
Earliest of All, 50c " Mont Blanc, - - 50c "

	Trade Pkt.	Oz.
Verbena, Mammoth Mixed	25c	$1 00
" " Separate colors	25c	1 25
Grevillea Robusta	15c	40
Dracaena Indivisa	10c	25
Phlox, Dwarf Fireball	25c	1 50
" " Snowball	25c	1 50
Salvia Splendens	25c	1 25
" Bonfire	25c	3 00
Stocks, Cut and Come Again	25c	3 00

	Trade Pkt.	Oz.
Cosmos, Mammoth Mixed	10c	30
" " Separate Colors	10c	40
Asters, Branching, Mixed	25c	75
" " Separate Colors	25c	1 00
Lobelia, Crystal Palace Compacta	25c	1 25
Spiraea Japonica (Strong Clumps)	per 100,	3 00
Lily of the Valley Clumps	per 100,	10 00
" " Pips, 1000, $10 00; case of 2500,		24 00
Dielytra Spectabilis	per 100,	7 00

CAPE FLOWERS, $1.25 per lb.; $5.75 per 5 lbs. **FRESH DRACAENA TERMINALIS CANES,** lots of eyes, 12c per foot.
LONG DISTANCE THERMOMETERS, 15c each; $1.50 per doz. **BAMBOO CANES,** 6 to 8 feet, $6.00 per 1000.
RAFFIA—Just arrived—15c per lb.; $12.00 per 100 lbs. Bale lots, 10c per lb. Colored, 50c per lb.

WM. ELLIOTT & SONS, 54 and 56 Dey Street, New York.

ESTABLISHED 1802.

Thorburn's Bulbs

Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.

LILY OF THE VALLEY PIPS.

Just arrived new crop seed of

ASPARAGUS PLUMOSUS ROBUSTUS

Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.
$1.00 per 100 seeds; $9.00 per 1000 seeds.

Our new Trade List will be ready the first of January and will be mailed to dealers on application.

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36 Cortlandt St., NEW YORK.

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Gladiolus Bulbs

Mixed colors, containing an unusually large proportion of White and Light. This stock was originally selected from a very large lot of seedlings, and was never before advertised. All sizes from bulblets up.

M. CRAWFORD, Cuyahoga Falls, Ohio.

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SOW NOW!
JOHNSON & STOKES' **Kingly Collection PANSY**

This **PRIZE STRAIN** has delighted thousands of our customers with its immense flowers, great substance and rich colors. Early January sown seed will bloom in April and continue through the hottest summer months. 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00: per oz., $5.00.

JOHNSON & STOKES' MAMMOTH VERBENA.

Separate colors, White, Pink, Scarlet, Striped and Purple, 2000 seeds, 25c; Per oz., $1.25.
J. & S. MAMMOTH MIXED VERBENA, 2000 seeds, 20c: Per oz., $1.00.
See our offer of **JAPANESE LILIES** in last week's issue.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

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SEEDS

THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.
COTTON GRAIN BAGS. CHICAGO ILL.

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1.00

New Crop all leading Flower Seeds Ready.
Send for Wholesale Seed List.

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Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

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12 and 13 Faneuil Hall Square, BOSTON.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.
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LIBERTIES, VALLEY.
Wholesale Florist,
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Pittsburg Cut Flower Co., Ltd.,
504 LIBERTY AVE.,
PITTSBURG, Pa.
WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.

DENVER, COLO.

Stock in Good Shape.

Denver's cut flower market will be better supplied this Christmas than at any previous stage in its history and the same might be said of its plant department. Never in the writer's memory has he seen such good material at this time of the year, and all growers, as well as dealers, are looking for a good holiday trade. Beauties and violets may be rather short, although Mauff's big addition to his plant, as well as the Hall and Glauber crops, will supply a large addition to what has been cut heretofore. Maier & Denkworth and the old reliable, A. Schenkel, are our only successful violet growers here and will be pretty well supplied with stock. Many of our carnation growers were late in getting their plants housed and consequently their main crop is now good. Peterson, of Barnam, who devotes all his establishment to carnation culture, has been exceptionally late this year. Did angling for the speckled beauties last August have something to do with it.

Ben Boldt's Poinsettias.

The old Mud Lake greenhouses, at Harris, which have had many ups and downs since they were first started, some twelve years ago by Haycox & Huddard, and now owned by the Daniels & Fisher department store, have been completely renovated and I might say, resurrected, under the able management of Ben Boldt. Ben's friends here are numerous and this, along with his being a good entertainer and his stock worth seeing, takes many of the Denver fraternity out to Harris. Poinsettias, roses and carnations are in the highest state of perfection. In fact such poinsettias were never before seen in Denver, although Ben has before now produced some good ones at another establishment. His mode of propagating is quite new in Denver, and probably so in other parts of the country, and may be worth referring to here. The original stock was received last spring in a dormant condition from California. This he placed on a gentle bottom heat. Some of the canes produced from these stumps were big enough to look through and far too big for the boys to make pop guns from. This first growth, as most growers know, is rather difficult to propagate, but the second crop of cuttings are the ones that have produced such large specimens as are now seen, bracts fully as large as those seen around Los Angeles and far more durable. The wood propagated in August, although not as tall, produced bracts fully as big, some measuring twenty-three inches across and eighteen inches high in 5-inch pots, very rich in color and foliage. The old stumps were utilized for bush plants and are far more decorative and natural in appearance than the flat, made-up pans. Those in 10-inch pans, carrying about twelve bracts of varying size and height of stem, make novel specimens. I would like to learn how extensively the California stock has been used and if the results are good. The late propagation from this stock makes better stuff for 8-inch pans, as they produce much larger bracts and healthy foliage.

The Best Carnations.

The carnations and roses are in the highest state of cultivation. Chatenay is very good here and seems to be an easy rose to grow. Norway and White Cloud are the white carnations grown here, and Enchantress, as elsewhere around Denver, has been very satisfactory. I measured several which went four inches. This carnation has proven a good keeper under various treatments and can be utilized in so many kinds of floral work that it is considered the best all around variety that has visited the Rockies. Lawson, which is as productive as ever, has deteriorated in size out here, but Mauff is growing some very good flowers. Davis Bros. confine nearly all their establishment to this variety and have all their crop looking very good. Adonis is considered the best red out here and Harlowarden the best crimson. The latter is fine in stem and form and Benson thinks it superior to the other crimsons in color. Of the older whites, Wolcott is holding its popularity and Crane is taking a back seat, especially at the Park Floral Company's, where a new seedling of Mr. Valentine's has superseded it, clearer in color, larger and far more productive.

GREAT DIVIDE.

WE are great admirers of the REVIEW.—H. O. HANNAH, Sherman, Tex.

An Invitation
is extended to buyers of
Roses for CHRISTMAS and all Winter
to come here and see the quality and quantity we can supply.
HELLER BROS.,
South Park Floral Co.. NEW CASTLE, IND.
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LARGEST GROWER IN THE WORLD.....
1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$8.00
" " 30-36 in. stem	6.00
" " 24-in. stem	5.00
" " 20-in. "	4.00
" " 15-18-in. stem	3.00
" " 12-in. stem	2.00
" " Short stem	1.50

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	10.00 to 15.00
" medium	6.00 to 8.00
BRIDE	8.00 to 12.00
BRIDESMAID	8.00 to 12.00
GOLDEN GATE	8.00 to 12.00
PERLE	6.00 to 10.00
CARNATIONS	4.00 to 5.00
ROSES, OUR SELECTION	5.00

All flowers are perfectly fresh and properly packed.
No charge for P. & O. on orders over $5 00.
Mention Review when you write.

SAN ANTONIO, TEX.—F. Hensel, of the Southern Nursery, says that owing to the foolish yellow fever scare and quarantine, business has been very dull, but is now picking up. He has recently built two new carnation houses, 22x50 feet.

LEO NIESSEN. WILD SMILAX.

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

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(NONE BETTER)

MISTLETOE,

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CATALOGUE FREE.

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MODERN SUPPLY HOUSE,

Successor to McKellar & Winterson,

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WILD SMILAX—Flowers billed at market prices.

Shippers of Choice Cut Flowers and Greens of all kinds. Try us.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 23.

	Per doz.
Beauties, Specials	$10.00 to 12.00
" Extra	8.00
" No. 1	6.00
" Shorts	3.00 to 4.00
Queen of Edgely	10.00 to 12.00
" " " No. 1	8.00
" " " No. 2	6.00
" " " No. 3	3.00 to 4.00
	Per 100
Bride and Bridesmaid, Specials	20.00 to 25.00
" " No. 2	8.00 to 10.00
Golden Gate, Firsts	15.00 to 20.00
" " Seconds	8.00 to 10.00
Liberty, Specials	50.00
" Firsts	25.00 to 35.00
" Seconds	10.00 to 15.00
Meteor, Firsts	15.00 to 18.00
" Seconds	8.00 to 10.00
Perle	6.00 to 12.00
Sunrise	8.00 to 15.00
Ideal, Firsts	20.00 to 25.00
" Seconds	8.00 to 10.00
Carnations, Commons	4.00 to 6.00
" Fancies	8.00 to 10.00
" Novelties	10.00 to 12.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
Bouvardia	4.00 to 5.00
Callas	10.00 to 12.50
Daisies	.75 to 1.00
Hyacinths, Roman	3.00 to 4.00
Lilium Longiflorum	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 8.00
Narcissus, Paper White	3.00 to 4.00
Poinsettias	15.00 to 30.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.00
Sweet Peas	1.00 to 2.00
Violets, Double	1.50 to 2.00
" Single	.75 to 1.00

My stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

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Best market price and sales assured. Address No. **4,** care Florists' Review, Chicago.

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Heliotropes, Poinsettias, Violets.

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Fancy & Dagger Ferns

$1.00 per 1000.

Discount on large orders. Galax, bronze or green, new crop, 75c per 1000. Laurel Festooning, best in the world, 4c, 5c and 6c per yard—once used, always used. Southern Smilax, $5.50 per case, 50 lbs. Try it when you want Smilax. Bouquet Green, No. 1 stock, $6.00 per 100 lbs., also made into Wreaths and Roping; write for prices. Laurel Wreaths for Xmas; everyone should have them; nothing like them for sellers.

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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
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Wholesale Cut Flower Prices.

Estimate of Christmas Prices.

New York, Dec. 21.

	Per 100
Beauties, Specials	$100.00 to $125.00
" Extra	75.00 to 100.00
" No. 1	25.00 to 50.00
" Shorts	5.00 to 15.00
Brides and Maids, Specials	20.00 to 25.00
" " Extra	15.00 to 20.00
" " No. 1	8.00 to 10.00
" " No. 2	4.00 to 6.00
Golden Gate	6.00 to 25.00
Liberty	6.00 to 50.00
Meteor	4.00 to 15.00
Cattleyas	50.00 to 75.00
Cypripediums	12.00 to 15.00
Dendrobium Formosum	40.00 to 60.00
Carnations, Common	3.00 to 4.00
" Selects	4.00 to 6.00
" Novelties	15.00 to 25.00
Adiantum Cuneatum	.25 to .50
Asparagus plumosus, Strings	25.00 to 75.00
Callas	10.00 to 15.00
Chrysanthemums	10.00 to 25.00
Lilium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 10.00
Narcissus	3.00 to 5.00
Smilax	8.00 to 12.00
Violets, ordinary	1.00 to 2.00

Stevia, 25c per bunch.
Galax, $1.00 per 1000.
Common Ferns, $1.00 per 1000.

We felt there was something missing from our business and note we have not renewed our subscription to the Review; here is the dollar; please send the back numbers.—Eggeling Floral Co., St. Louis.

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Highest Market Prices Guaranteed.

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Wholesale Cut Flower Prices.

Buffalo, Dec. 23.

	Per 100
Beauties, Specials	$75.00 to $100.00
" Extra	50.00 to 60.00
" No. 1	40.00 to 50.00
Brides and Maids, Extra	18.00 to 20.00
" " No. 1	12.00 to 15.00
" " No. 2	8.00 to 10.00
Carnot	8.00 to 20.00
Cusin	6.00 to 12.00
Golden Gate	6.00 to 15.00
Liberty	10.00 to 25.00
Meteor	8.00 to 20.00
Mrs. Morgan	8.00 to 15.00
Perle	8.00 to 15.00
Sunrise	8.00 to 12.00
Cypripediums	15.00 to 20.00
Carnations, Common	2.00 to 3.00
" Selects	4.00 to 5.00
" Fancies	6.00 to 8.00
" Novelties	10.00 to 12.00
Adiantum Cuneatum	.75 to 1.25
" Farleyense	10.00 to 12.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	15.00
Chrysanthemums	8.00 to 20.00
Hyacinths, Roman	3.00 to 4.00
Lil. Harrisii	15.00 to 20.00
Lily of the Valley	4.00 to 5.00
Mignonette	4.00 to 6.00
Narcissus	3.00 to 4.00
Poinsettias	35.00 to 60.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.25
Sweet Peas	.75 to 1.00
Violets, ordinary	1.50 to 2.00
" extra	2.50 to 3.00
Galax	.15
Common Ferns	.15

Baltimore, Dec. 23.

	Per 100
Am. Beauty	$12.00 to $15.00
" " Shorts	4.00 to 8.00
Bride and Bridesmaid	4.00 to 15.00
Golden Gate	4.00 to 15.00
Liberty	5.00 to 15.00
Meteor	5.00 to 15.00
Perle	4.00 to 10.00
Carnations, Commons,	2.50 to 3.00
" Selects,	3.50 to 5.00
Adiantum Cuneatum	1.00
Asparagus plumosus, Sprays	2.00
" Sprengeri, Sprays	2.00
Callas	12.00 to 16.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 5.00
Narcissus	3.00 to 5.00
Violets	1.50 to 2.00

THE REVIEW is all right.—VICK & HILL Co. Rochester, N. Y.

COULD not keep house without THE REVIEW.—E. E. ALLEN, Blairsville, Pa.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

HERE is another dollar; I am a beginner and I could not do without the REVIEW.—D. H. Cook, Easton, Md.

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Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock. $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

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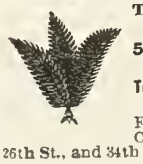

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Wholesale Cut Flower Prices.

Chicago, Dec. 23

		Per doz.
Beauties	36-inch stems	$10.00 to $12 00
"	30 "	9.00 to 10.00
"	24 "	8 00 to 9 00
"	20 "	6.00 to 8.00
"	15 "	4.00 to 6.00
"	12 "	2.50 to 4.00
"	Shorts	1.00 to 2.00
		Per 100
Bridesmaids, Specials		$18 00
" Firsts		$10.00 to 15 00
Brides, Specials		18.00
" Firsts		10.00 to 15.00
Liberty, Specials		20.00 to 25.00
" Firsts		12.00 to 18.00
" Seconds		6.00 to 10.00
Golden Gate, Firsts		18.00
" Seconds		10.00 to 15.00
Meteor, Firsts		18.00
" Seconds		10.00 to 15.00
Mme. Chatenay, Firsts		15.00 to 20.00
" Seconds		8.00 to 12.00
Carnot, Firsts		18 00 to 20 00
" Seconds		10.00 to 15.00
Ivory, Firsts		18.00
" Seconds		10.00 to 15.00
Sunrise, Firsts		15.00 to 20.00
" Seconds		8.00 to 12 00
Perles, Firsts		15.00
" Seconds		8.00 to 12.00
Carnations, Fancy		6.00 to 8 00
" Commons		4.00 to 5 00
Violets		1.25 to 2.50
Paper Whites		4.00
Romans		4.00

Easter lilies, $2 50 doz.
Callas, $2.00 per doz.
Poinsettias, $2.00 to $5 00 per doz.
Mignonette, $1.00 to $2.00 per doz.

Valley	4.00 to	5.00
Adiantum cuneatum		1 00
Asparagus plumosus, Strings	25.00 to	50.00
" " Sprays	2.00 to	6.00
Asparagus Sprengeri, Sprays	3.00 to	6.00

Smilax, $1.50 per doz.
Common ferns, per 1000, $2.00.
Galax Leaves, $1.00 to $1.50 per 1000

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WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

THE REVIEW is the cheapest help I ever employed; always ready to help a fellow out, never kicks or has things on the dry side, all for 2 cents a week.—W. A. HERBERT, Wellsville, O.

ENCLOSED find the final payment on my Florists' Manual, by Wm. Scott, and permit me to say I never invested $5 in a better way.—E. V. BUSHONG, Edgerton, O.

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1,000,000 FANCY FERNS, $1.00 per 1000. 200,000 Bronze GALAX, $1.00 per 1000 in 5000 lots; $9.00 per case of 10,000.

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Wholesale Cut Flower Prices.

Cincinnati, Dec. 21.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 12.50
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 7.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gates	3.00 to 10.00
Liberty	3.00 to 25.00
Meteor	3.00 to 10.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Commons	2.00 to 3.00
" Selects	4.00 to 5.00
" Fancies	6.00 to 8.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00 to 12.50
Chrysanthemums	6.00 to 15.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12 50 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	1 00
" extra	2.00
Galax	.15
Leucothoe	.50
Common Ferns	.25

PORT ALLEGANY, PA.—J. C. Galloway reports a constantly growing taste for flowers in this and the surrounding villages of this thriving district in the northern hills of Pennsylvania.

ANONYMOUS queries cannot receive attention. Names and addresses are necessary.

I DO not want to miss seeing my old friend, the REVIEW, once a week.—S. S. PYLE, Toughkenamon, Pa.

WE certainly like your paper very much and would not want to do without it.—F. G. MENSE, Glen Cove, L. I., N. Y.

THE REVIEW is as necessary to the successful florist, as air and water to his plants.—W. W. NASH, Montrose, Pa.

ENCLOSED you will find the best invested dollar in my business; continue the REVIEW.—H. P. LODING, Mobile, Ala.

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If you haven't a copy already, order one now.

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St. Louis, Dec. 23.

	Per doz.
Beauties, Specials	9.00 to 12.00
" Extra	6.00 to 8.00
" No. 1	4.00 to 5.00
" Shorts	2.00 to 3.00
	Per 100
Brides and Maids, Specials	10.00 to 15.00
" " Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
Carnot	8.00 to 15.00
Golden Gate	6.00 to 12.00
Kaiserin	8.00 to 15.00
Liberty	6.00 to 12.00
Meteor	8.00 to 15.00
Perle	6.00 to 8.00
Sunrise	6.00 to 8.00
Carnations, Commons	4.00 to 6.00
" Fancies	6.00 to 8.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Bouvardia	2.00 to 4.00
Callas	12.00 to 15.00
Hyacinths, Roman	4.00 to 5.00
Lily of the Valley	4.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	4.00 to 5.00
Poinsettias	15.00 to 25.00
Smilax	12.50 to 15.00
Stevia	1.25 to 1.50
Sweet Peas	1.50 to 2.00
Violets, ordinary	1.00 to 1.50
" extra	2.00 to 3.00
Galax	.15
Common Ferns	.15

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

I HAVE always found your paper a very good value for a dollar.—G. H. MILLS, Toronto, Ont.

WE like the REVIEW better than ever and would not want to do without it—WM. DYER, Three Rivers, Mich.

WHILE I take other trade papers, the REVIEW is my standby; could not do without it.—ETTA J. NOTT, Charleston, Ill.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

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VERY LOW PRICES. LARGE STOCK.
Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.
BOSTON FERNS.
Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.
Asparagus Plumosus Nanus.
3-in., $8.00 per 100. SPRENGERI—3-in. $5.00 per 100. Just right for pans.
Kentia Palms. Ficus.
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45 King Street, DORCHESTER, MASS.
Mention the Review when you write.

VANCOUVER, B. C.—W. H. Tyrrell says trade is better than ever this year and several have enlarged their facilities. J. Brown has built the largest greenhouse in the city. The Vancouver Floral Co., J. Pont and Mr. Walker, have also added more glass. Mr. Tyrrell has put in a new boiler and will enlarge his greenhouses early in the spring.

Geraniums and Miscellaneous Stock.....

From 2½-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20.00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Coleus, 15 varieties....per 1000, $15.00,	40c	2.00
Chrysanthemums. Hardy Pompon. list of over 100 varieties now ready. Ask for it. Orders booked now for spring delivery.		
Forget-Me-Nots, large flowering....	45c	3.00
GERANIUMS, such varieties as Centaur, Gillean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc.....	40c	2.00

	Per doz.	Per 100
Grasses, Erianthus Ravennae, Eulalia Striatis, Gracillima Univittata and Japonica Zebrina.....		$5.00
Hardy English Ivy....per 1000, $15.00,	40c	2.00
Hardy English Ivy, rooted cuttings..		.75
Heliotrope, in variety	40c	2.00
Hibiscus, in assortment.	60c	4.00
Holt's Mammoth Sage, per 1000 $15.00,	40c	2.00
Lemon Verbena.... ...per 1000, $20.00	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax.... .....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2½-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON, White Marsh, Maryland.

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by
William Scott

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

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Price, $5.00 Carriage Prepaid.

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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

CHRYSANTHEMUMS.—The new set of W. Wells & Co., Surrey, includes a yellow sport from Miss E. Fulton; Dora Stevens, rosy cerise; J. H. Doyle, the gold medalist of Melbourne, Australia; Merstham Red, Merstham Yellow, Mrs. H. A. Allen, a deep, rich, rosy pink, similar to Mme. Carnot, on a four-foot stem; Mrs. W. Duckham, Mrs. Barnard Haulsey and Miss Alice Dighton, the two incurved which received first-class certificates at the National Chrysanthemum Society's Show; Yellow Petit Amie, Red Barkley and the yellow Ivy Stark.

NEPHROLEPIS WESTONI.—This is a very pretty crested variety of N. ensifolia. The type is remarkable for the thick, leathery substance of its fronds; the variety partakes of this quality, and should make a useful market fern. At first sight it somewhat resembles N. davallioides furcans, but the branching crests from each pinnule are shorter, and all the fronds on the plants shown were fertile, while in N. davallioides furcans it is rarely that fertile fronds are produced. The symmetrical habit and good substance of the fronds should insure its becoming a useful market fern, and the award of merit was well deserved.

THE RUBUS.—Rubus reflexus (or molucanus), which was one of the plants of the year at Ghent this spring, is grown largely at the famous establishment of M. Truffaut, at Versailles, France, and is making its way steadily into public favor.

BEGONIAS.—Perhaps no changes in plant form are more remarkable than those that have been effected in begonias. Two novelties in the fancy foliage section are His Majesty and Our Queen, the result of reciprocal crosses of B. Rex and B. laciniata. The leaf has much the shape of laciniata, but the markings are very distinct and novel. The merits of both were recognized by the floral committee of the Royal Horticultural Society.

ROSES.—M. Balliff describes Zephyrine Drouhin as being remarkably hardy, being cultivated at high elevations among the Alps and Jura mountains; and he also notes that it is a thornless variety. The foliage is subpersistent, and the variety strong-growing, floriferous, and an excellent climber. Its pretty and scented blossoms are semi-double, of a tender rose color, and open in succession from May to late autumn. This rose does well as a bush, or as a climber on trellises and walls. It is easily grown from cuttings of the ripened wood.

CANANDAIGUA, N. Y.—McKerr & Hawley have five houses of good stock, principally roses and carnations, and are doing a nice business.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

ARAUCARIAS.

Araucaria excelsa, from 18, 20 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Asparagus plumosus nanus, strong plants, 3-in., $1.20 doz., $8.00 100; 4-in., $1.50 doz., $10.00 100; A. Sprengeri, 4-in., $1.00 doz., $8.00 100.
John R. Shrelner, Lancaster, Pa.

Asparagus plumosus nanus, strong plants, just ready for 4-in. pots, $4.00 per 100; fine 4-in. stock, $8.00 per 100.
The McGregor Bros. Co., Springfield, O.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2¼-inch, $3.00 100.
Walker & McLean, Youngstown, O.

Asparagus plumosus, 3-in., $7.00 100, $60.00 1000; 2-in., $3.50 100.
C. W. Cox, 2d and Bristol Sts., Philadelphia.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in., $2.00 per 100; $18.00 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus plumosus, 2½-in., $3.50 per 100; E. I. Rawlings, Quakertown, Pa.

250 Asparagus Sprengeri, 4-inch, $6.00 100.
Stover Floral Co., Grandville, Mich.

Asparagus Sprengeri, 2-inch, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

AZALEAS.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

10,000 Azaleas for sale up to Easter; 2,000 now in bloom, from 50c to $1.50 each.
A. Leuthey, Roslindale, Boston, Mass.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea manicata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Loraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Begonia rubra, fine plants from 2½-in. pots, ready for shifting, $3.00 100.
The McGregor Bros. Co., Springfield, O.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

BERRIED PLANTS.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

JAPANESE LILIES NOW READY.

Lilium auratum:	12.	100.	1000.
8-9, 130 to case	65c	$4.00	$38.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum album:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum rubrum:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium longifl. multi	60c	3.75	

Clearance sale of hyacinths, tulips, etc. Write for surplus list. Write for florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Surplus Lil. Harrisii (Bermuda), from cold storage.

Case 400, 5x7	$8.00	1000, $17.50
Case 300, 6x7	8.00	1000, 23.00
Case 200, 7x9	9.00	1000, 40.00

Spiraea japonica, 12, 50c; 100, $3.25. Spiraea compt. multi., $12.60; 100, $3.75. Spiraea astilboides flori., 12, 75c; 100, $4.50.
H. H. Berger & Co., 47 Barclay St., N. Y.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gladiolus bulbs, mixed colors, large proportion of white and light. All sizes from bulblets up. Selected stock. Never before advertised. M. Crawford, Cuyahoga Falls, O.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4-in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antignon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Tritoma Pfitzeri, gladioli and all summer flowering bulbs. New trade list free.
JOHN LEWIS CHILDS, Floral Park, N. Y.

CANNAS.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

The leading novelty in cannas, MT. BLANC. Send for my prices.
Edward Harris, Box 25, Moorestown, N. J.

Cannas. The leaders. Good live eyes. Write for my prices.
A. B. Campbell, Cochranville, Pa.

Cannas, 15,000 best standard kinds, $2.00 100.
Burdeel Floral Co., Bowling Green, Ky.

CARNATIONS.

Carnation rooted cuttings.

	100	1000		100	1000
Bo'n Mk't.	$4.00	$35.00	Glacier	$2.50	$20.00
Fair Maid.	4.00	35.00	Marquis	2.50	20.00
Wolcott	4.00	35.00	Dorothy	2.50	20.00
McKinley.	3.50	30.00	G. Ro'sev't	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	17.50
Estelle	3.00	25.00	Lorna	2.00	17.50
Floriana	3.00	25.00	Norway	2.00	17.50
Innocence	3.00	25.00	Maceo	2.00	17.50
Prosperity	3.00	25.00	Gomez	2.00	17.50
Gaiety	3.00	25.00	Success	2.00	17.50
Stella	3.00	25.00	Triumph	1.50	12.50
Lawson	2.50	20.00	White Cl'd	1.50	12.50
M'g Glory	2.50	20.00	Cash or C. O. D.		

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings. My plants are small, but I have no stem-rot and have increased my facilities for propagating so that cuttings will be turned out in the best possible condition and properly packed. Varieties I can furnish by the 1,000 are Crocker, Nelson, Floriana, Adonis, Enchantress and Queen Louise. Varieties I can furnish by the 250 only are Lillian Pond, Innocence, Wolcott, The Queen, Murphy's White, May Naylor, Her Majesty, Harry Fenn, Apollo, Golden Beauty, Success, Mrs. Roosevelt, Sybil, Tiger, President McKinley, Gaiety, Mrs. Higinbotham and Lawson. Send list of wants for prices.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity.	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	6.00	50	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:
The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $50.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

FLAMINGO, the finest scarlet ever introduced. ALBATROSS, the whitest of the whites. SUNBIRD, the best of the yellows. Write the introducer. L. E. MARQUISEE, Syracuse, N. Y.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Carnation cuttings; 6000 Lawson ready, $3.00 100; $25.00 1000. Orders booked for January and February delivery of the following:

	100	1000		100	1000
Goethe	$3.00	$25	Genevieve L.	$2.50	$20
Prosperity	3.00	25	Gen. Maceo	2.50	20
Harry Fenn	3.00	25	Mrs. Joost	2.00	15
Manley	3.00	25	Wm. Scott	2.00	15
Mrs. Bradt	3.00	25	L. McGowan	2.00	15
Gen. Cervera	3.00	25			

Charles Weber, Lynbrook, L. I., N. Y.

Now ready, as fine stock as the best in the country: Enchantress, $6.00 100; $50.00 1000. Lawson, $2.00 100; $18.00 1000. Prosperity, $2.00 100; $18.00 1000. Peru, $1.50 100; $10.00 1000. The following will be ready January 1: Crane, America, Hill, Cloud, Queen Louise and Dorothy, $2.00 100; $17.50 1000. If stock is not satisfactory when received return it at my expense. W. W. COLES, Kokomo, Ind.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.
W. K. Partridge, Sta. R., Cincinnati, O.

Extra strong, well rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Roosevelt	$2.00	$15
Prosperity	3.00	25	Joost	1.50	12
Mrs. Bradt	3.00	25	Gen. Gomez	1.50	12
Manley	3.00	25	Q. Louise	2.00	15
Lawson	3.00	25	McGowan	1.50	12

Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel.	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.	100	1000
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Queen Louise carnations still head the list as a commercial white. We have 16,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular, $1.25 100; $10.00 1000. Satisfaction guaranteed.
A. B. Davis & Son, Purcellville, Va.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

Carnations, ready to go out of cutting bench.

	100.	1000.		100.	1000.
Wolcott	$3.50	$30.00	Enchant'ss	$5.00	$45.00
Lawson	3.00	25.00	Palmer	3.00	25.00
Harlow'den	5.00	.....	Hig'botham	4.00	.....
Prosperity	3.00	.....	Pond	5.00	.....

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, well-rooted and free from disease. Innocence, Dorothy, Enquirer and Gov. Wolcott, $3.00 100, $18.00 1000. White Cloud, Glacier, Crane, $1.50 100, $12.50 1000. F. Hill, Joost, Marquis, $1.50 100, $12.50 1000. Cash. Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings.	100.	1000.
Lillian Pond	$5.00	$40.00
Enchantress	6.00	50.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Field-grown plants and rooted cuttings. Write for estimates on your wants.
W. H. Watson, Sou & Co., Lapeer, Mich.

We are now booking orders for rooted carnation cuttings of the new and standard varieties for delivery early in January. You will make no mistake in ordering. Write me what you will require and get prices.
John H. Dunlop, Toronto, Ont.

Carnations. 1,500 extra fine Fair Maid rooted cuttings, $2.75 a 100, now ready. Orders booked for Glacier, Hill, Foster, Joost, Lawson, Fair Maid, Maceo, Gomez, Norway, Queen Louise, Boston Market. Otto Bourdy, Lowell, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

INDIANAPOLIS is the best bright pink carnation in sight. We ask you to come and see it growing—you will surely want it. Price: $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities, and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100; $75.00 1000.
Jerome A. Suydam, Flatbush, N. Y.

Orders booked now for carnation cuttings; clean, healthy and well rooted. Enchantress, $6.00 100. Lawson, $2.50 100; $20.00 1000. Flora Hill, $2.00 100; $15.00 1000. White Cloud, $1.50 100; $12.50 1000. Norway, $1.50 100.
D. C. Noble, Columbia City, Ind.

Only first-class rooted cuttings. Price per 100: Gov. Wolcott, $4.00; Lawson, $3.00; Hoosier Maid, White Cloud, Crane, Bradt, Roosevelt, $2.00; Marquis, Dorothy, $1.50. Cash or C. O. D. Henry Baer, Peoria, Ill.

The Queen, the best commercial white carnation to date. Rooted cuttings now ready. Price $6.00 100; $50.00 1000. Cash with order from unknown parties.
S. J. Goddard, Framingham, Mass.

Two new white carnations for 1904, LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Bedford, Mass.

Rooted carnation cuttings. Per 100: Lawson, $1.50; Boston Market, $2.00; a few hundred Enchantress, $5.00. Prepaid.
E. V. Myers, Florist, St. Joseph, Mo.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.
P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to.
John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Carnation rooted cuttings. Enchantress, $6.00 100. Wolcott and Boston Market, $3.00 100.
Frank Danley, Macomb, Ill.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Queen Louise, 2-inch, $2.00 100. Lawson, 2-inch, $2.50 100. Cash or C. O. D.
George M. Emmans, Newton, N. J.

Rooted carnations now ready. For varieties and prices see our displayed adv.
California Carnation Co., Loomis, Cal.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.
Rockville Greenhouses, Rockville Centre, N. Y.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Penryn, Cal.

Carnations. For profit get Joost and Flora Hill, $1.00 per 100.
Burdeel Floral Co., Bowling Green, Ky.

CHRYSANTHEMUMS.

Hardy pompon chrysanthemum list of over 100 varieties now ready. Ask for it. Orders booked now for spring.
R. Vincent, Jr. & Son, White Marsh, Md.

Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thorndon, $10.00 100; Geo. W. Childs, Vivland-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Robt. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.
Walker & McLean, Youngstown, O.

Chrysanthemum stock plants. Halliday, R. H. Pearson, Viviand-Morel, Appleton, T. Eaton, Pee du Champsaur, White and Yellow Jones, Princess Bassarabha, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8.00 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden Powell, $10.00 100. Park, $5.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
Joseph Bancroft & Son, Cedar Falls, Iowa.

Mum stock plants, Halliday, Coombea, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each. Alice Byron, Mrs. F. J. Tranter, Goldmine, 15c each, stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings. W. A. Chalfant, Springfield, Mo.

Chrysanthemums. The finest NOVELTIES and all the leading PRIZE WINNERS; also all the best Australian and other introductions. Order from our displayed adv. or write us.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.
F. R. Hills, 1000 No. 8th Ave. Maywood, Ill.

Chrysanthemum stock plants in the following varieties at 75c a doz.: Pennsylvania, Philadelphia, Mrs. H. Robinson, Mme. Bergmann, Ivory, Mrs. Perrin, Major Bonnaffon, Mutual Friend and Golden Wedding.
C. C. POLLWORTH CO., Milwaukee, Wis.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Superba, Lav. Queen, Whilldin, Wedding, $5.00 100. Chamberlain, white Bonnaffon, $10.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 doz. Liger, Richardson, Yellow Eaton, $1.50 doz.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

ESTELLE, the money-making mum. Strong stock plants, $1.50 doz. Get true stock from the originator. H. M. Altick, Dayton, O.

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Pelargonium rooted cuttings, 15 var., all named, $2.25 100, prepaid. Cash.
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Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PEONIES.

Peonies. Chinensis—Queen Victoria, double white; Chinensis, double pink; officinalis, double pink and scarlet, $2.00 per doz.; $12.00 per 100. 200 assorted for $20.00. Officinalis mutabilis, double white, $5.00 per doz.; $35.00 per 100. All from 3 eyes and up. From the best Holland growers. This stock is strictly first-class and the prices are right.
Frank Kadlec, 177-183 Johnston Ave., Chicago.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 164 La Salle St., Chicago.

PETUNIAS.

Petunia, rooted cuttings, named, all double, $1.25 100, $10.00 1000. Express paid.
S. D. Brant, Clay Center, Kan.

Dbl.-fringed petunias, ten novelties, labeled, $1.00 100, $9.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Petunias, mixed var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

PRIMULAS.

Chinese primroses. International strain, fine bushy plants from 4-in., $6.00 per 100. Also cinerarias, dwarf, large-flowering, from 4-in., $6.00 per 100. The above stock is all first-class A No. 1 but must sell it at a sacrifice to make room for other stock. Cash with order.
Crescent Ave. Floral Co., Grand Rapids, Mich.

Primula obconica, fine plants, 3-in., $5.00 100. 2½-in., $2.50, and 2-in., $2.00 per 100. Also a few 3-in. Chinese, International strain, $5.00 per 100. N. O. Caswell, Delavan, Ill.

Primroses, Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
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Primula obconica, from benches, $6.00 per 100. Cash with order from unknown parties.
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Primula obconica, white, pink, red, 3-in., 4-in., 5-in., 6-in. Full bloom. Write for prices.
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Primula obconica grand. alba, rosea and fimbriata, strong plants, 2½-in., $3.00 100, $25.00 1000. Cash.
Oechslin Bros., W. Madison St., Chicago.

Primula obconica, fine plants, 3-in., $5.00 100. Cash. Converse Greenhouses, Webster, Mass.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Primulas—Chinese and obconica—2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

RHODODENDRONS.

Rhododendrons, hybrids for forcing, $45.00 $90.00 and $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings of verbenas, coleus, heliotropes, Mme. Salleroi geraniums, dbl. white petunias, salvias, feverfew, ageratums, daisies, red and yellow alternantheras, all true to name. Safe arrival and satisfaction guaranteed. Express charges prepaid. Cash or C. O. D.
C. Humfeld, Clay Center, Kan.

Heliotrope, dark; Salvias, Vinca, Feverfew, $1.00 per 100. Double Petunias, $1.25 per 100. Coleus and Ageratum, 50c per 100. Sweet Alyssum, 60c per 100. Fuchsias, $1.25 per 100. Vinca Variegata, 3-in., $3.00 per 100. Cash with order. Ernest Harris, Delanson, N.Y.

ROSES.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

Rose cuttings. Beauty, $3.00; Bride, Ivory, Gate, Maid, Meteor, $1.50 100. Bride, 3-in., $4.00 100; $37.50 1000.
W. H. Gullett & Sons, Lincoln, Ill.

ROSES—Continued.

FIELD-GROWN ROSES.

Our strong, stocky, northern-grown rose bushes are the kind that successful florists prefer for forcing. They are sound, hard and well ripened and contain stored-up vigor that makes healthy growth and fine flowers. Our stock this year is even more than usually fine.

Budded plants marked †. On own-roots *.

The following $15.00 per 100: †American Beauty, *Crimson Rambler, XXX, 4-6 feet; *†Dorothy Perkins, †Gloire Lyonaise, †Harrison's Yellow, †La France, †Mrs. Sharman-Crawford, †Persian Yellow, *†Prince Camille de Rohan, *†Ulrich Brunner.

The following $12.00 per 100: †Alfred Colomb, †Anne de Diesbach, †Baron de Bonstetten, †Clbio, *†Coquette des Alps, *Coquette des Blanches, †Countess de Sereuye, †Chas. Lefebvre, †Gen. Jacqueminot, *†Gen. Washington, *†John Hopper, *John Keynes, †Mme. Gabriel Luizet, *Mme. Georges Bruant, *†Marchioness of Lorne, *†Margaret Dickson, *†Oakmont, *†Paul Neyron, †Victor Verdier.

The following $10.00 per 100: *Caprice, *Caroline Marniesse, *Caroline de Sansel, *Jules Margottin, *La Reine, *†Magna Charta.

Please state when ordering whether budded or own-root plants are preferred and give second choice of varieties in case first selection should have been sold.

JACKSON & PERKINS CO., Newark, New York.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

2000 2-year roses, fine to pot up for spring sales, $6.00 per 100. All standard varieties.

Burdeel Floral Co., Bowling Green, Ky.

Field-grown roses, 1 to 3 ft., 60 varieties, $8.00 100. Climbing Sonpert a specialty.

Wm. K. Nelson, Augusta, Ga.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

13,000 Manetti stocks, $12.00 to $15.00.

C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.

HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz. Extra fine stock, 50c each; doz., $6.00; 5½-in. pots, 18 to 20 inches high, good stuff, 25c to 30c each.

Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica. Write me.

L. H. Foster, Dorchester, Mass.

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REVIEW Classified Advs.

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Salvias. Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Salvias St. Louis and Bonfire, $1.00 100. Cash. Buckley Plant Co., Springfield, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.

W. H. Parsll, Summit, N. J.

SEEDS.

	Trade pkt.	Oz.
Verbena, Mammoth, mixed		$0.25
Verbena, Mammoth, sep. colors	.25	1.25
Grevillea robusta	.15	.40
Dracaena indivisa	.10	.25
Phlox Dwarf Fireball	.25	1.50
Phlox Dwarf Snowball	.25	1.50
Salvia splendens	.25	1.25
Salvia Bonfire	.25	3.00
Stocks, Cut and Come Again	.25	3.00
Cosmos, Mammoth mixed	.10	.30
Cosmos, Mammoth sep. colors	.10	.40
Asters, branching mixed	.25	.75
Asters, branching sep. colors	.25	1.00
Lobelia Crystal Palace comp.	.25	1.25
Sweet peas—		Lb.
Salopian, scarlet		$0.35
Countess of Radnor		.30
Boreatton		.25
Emily Henderson		.30
Earliest of All		.50
Mont Blanc		.50
Cape Flowers, 5 lbs., $5.75		1.25

Kentia Belmoreana, 100 seeds, 60c; 1000 seeds, $4.00.

Kentia Forsteriana, 100 seeds, 60c; 1000 seeds, $4.00.

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Fresh flower seeds for early sowing. New crop seeds daily arriving from leading growers both at home and abroad. Send for preliminary price list.

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Asparagus plumosus robustus grows more rapidly, yields more sprays for cutting and is more valuable for florists than other sorts; 100 seeds, $1.00; 1000 seeds, $9.00.

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	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp. Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, mxd.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue will be mailed Jan. 1. If you do not receive a copy write for one.

STUMPP & WALTER CO., 50 Barclay St., N. Y.

Johnson & Stokes' Kingly collection pansy seed. This is the prize strain, with its immense flowers, great substance and rich colors. Early Jan. sown seed will bloom in April and continue through the hottest summer months—1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00.

Johnson & Stokes' Mammoth verbena, the best strain obtainable, separate colors, 2000 seeds, 25c; oz., $1.25; mixed, 2000 seeds, 20c; oz., $1.00.

Johnson & Stokes, 217-219 Market St., Phila.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50.

Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.

Best quality of flower seeds for florists. Send for catalogue. It costs us 25c and is free to you.

MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

Asparagus plumosus nanus is admitted to be one of the most profitable crops grown under glass. The small plants are useful for ferneries, the larger sizes for baskets, and when planted out for sprays or strings they pay best of all. We have very fine fresh seed. Price, $1.00 per 100 seeds, $7.50 per 1000 seeds.

Henry F. Michell Co., 1018 Market St., Phila.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. New crop all leading flower seeds ready. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Palm Seeds. New crop Cocos Weddeliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Wholesale price list of seeds for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

New crop A. plumosus seed ready Jan. 15. Write for prices.

S. S. Pennock, 1612 Ludlow St., Phila.

Rawson's Arlington tested seeds for florists. Catalogue free.

W. W. RAWSON & CO., Boston, Mass.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1,000 rate. Cash with order. Order early, as stock is limited.

J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

Smilax, large bushy plants out of 2½-in. $1.00 100; $8.50 1000.

J. C. Schmidt Co., Bristol, Pa.

Cut smilax, 6-ft. strings, 10c. To move it quickly. Chas. Pommert, Amelia, O.

Smilax, 2¼-in., 60c 100, $5.00 1000. Cash.

Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 75c 100.

E. I. Rawlings, Quakertown, Pa.

SPIRÆAS.

Spiraeas for forcing. Palmata alba and astilboides, 85c per doz., $5.00 per 100. Stock is strictly first-class.

Frank Kadlec, 177-183 Johnston Ave., Chicago.

Spiraea japonica, $3.50 100; compacta multi. and astilboides, $4.00 100.

F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea japonica, strong clumps, $3.00 100.

Wm. Elliott & Sons, 54 Dey St., N. Y.

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Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

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CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.

CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.

LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

Cash with order.

See our flower plant adv. in this issue.

R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce plants. Grand Rapids, Boston Market and other var., $1.00 1000, $8.50 10,000. Large stocky plants. J. C. Schmidt Co., Bristol, Pa.

FORCING TOMATOES. Lorillard and Mayflower, selected stock, 2½-inch pots, $2.00 100. Cash. Benj. Connell, West Grove, Pa.

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Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular. J. L. Dillon, Bloomsburg, Pa.

Verbena rooted cuttings, named, 60c 100, $5.00 1000. Express paid.

S. D. Brant, Clay Center, Kan.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca variegata major, good field-grown, stored in carnation house, $3.00 per 100; $25.00 per 1000. Fine plants from rooted tips, better than rooted cuttings, $1.00 per 100; $7.50 per 1000.

W. J. Engle, R. D. No. 8, Dayton, Ohio.

Vinca major, 6-in., $3.00 doz.

L. H. Foster, Dorchester, Mass.

VIOLETS.

Violets. Swanley White clumps, $4.00 100. Princess of Wales clumps, $5.00 100. All good from bench. 2½-in. Campbell and Swanley White, $2.00 100. The violet grower.

A. B. Campbell, Cochranville, Pa.

5000 California and Luzonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.

Chas. Zimmer, West Collingswood, N. J.

Swanley White and Princess of Wales, rooted plants, $1.25 100. By mail postpaid. The violet man. A. B. Campbell, Cochranville, Pa.

Princess of Wales for spring delivery, $1.50 100; $12.50 1000. Special prices on large orders.

John Curwen, Glen Head, L. I., N. Y.

Violets, standards, 12 to 30 inches high, well-budded. Price on application.

Waite & Eccles, Sea Cliff, L. I., N. Y.

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Wanted—1,000 Kaiserin Augusta Victoria, 3-inch pots and 200 American Beauty Roses, 3-inch pots or larger. Write at once and quote prices.

Aug. Von Boeselager, Mt. Clemens, Mich.

CANE STAKES.

Bamboo canes, 6 to 8 ft., $6.00 1000.

Wm. Elliott & Sons, 54 Dey St., N. Y.

Cane stakes, 6 ft., $3.00 1000.

Wm. K. Nelson, Augusta, Ga.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.

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CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.

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Our box sells on its merits.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Stock from the Berkshire Hills. Hardy cut fancy and dagger ferns, sphagnum moss, laurel, bouquet evergreens, festooning, wreaths, spruce and hemlock boughs. Satisfaction guaranteed. Write H. J. SMITH, Hinsdale, Mass.

Long Spanish moss for decorating. If you have never seen any send 15c for large sample package. Air plants, palms, ferns, sea shells from Florida keys.

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Oldest dealer in the United States in hardy cut fancy and dagger ferns. Write for prices.

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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Fancy and dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Holly and green, Xmas trees, mistletoe, etc. We handle only the best.
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Laurel wreathing, well-made, from fresh, green laurel, 5c yard.
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Southern wild smilax, needle pines, leucothoe sprays, etc.
J. Bruce Airey Co., Evergreen, Ala.

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Caldwell The Woodsman Co., Evergreen, Ala.

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E. F. WINTERSON CO.,
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Pure pulverized sheep manure and unleached hardwood ashes. Send for sample and price.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
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Bronze or green galax and leucothoe sprays at lowest prices.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
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Peerless glazing points are the best.
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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Tobacco stems and siftings for sale. Write
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NICOTICIDE kills all greenhouse pests.
Sold by all seedsmen.

Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

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Tree and plant labels.
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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
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Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

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Raffia, 15c per lb., $12.00 100 lbs.; bale lots, 10c per lb. Colored, 50c per lb.
Wm. Elliott & Sons, 54 Dey St., N. Y.

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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
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American brand FLORIST FOIL—The standard foil of America.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Wired toothpicks, box of 10,000, $1.50.
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Model Extension carnation supports and galvanized rose stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Wire work of all kinds for florists. Send for price list.
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Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

HYDROCYANIC GAS.—E. F. Hawes, head gardener to the Royal Botanic Society, writes: "A number of experiments are now being conducted in the glasshouses and gardens of the Royal Botanic Society, Regent's Park, with a view to thoroughly test the value of hydrocyanic acid gas for the destruction of insect pests on plants. The gas is used as a fumigant. Although it is too early yet to arrive at a general conclusion, or to make recommendations, it seems certain that with proper care hydrocyanic acid gas is safe and effective. Its action on mealy bug is all that can be desired, and the plants themselves do not suffer. When the gas is more easily obtained, and better understood, I feel quite sure it will be adopted by all growers for the destruction of insect pests. Other materials are also being experimented with, and from the same point of view, and there is every reason to assume that ere long some useful remedies will be placed in the hands of cultivators."

CACTUS DAHLIA DAINTY.—Cactus Dahlia Dainty, which obtained a first-class certificate from the National Dahlia Society, and also an award of merit from the Royal Horticultural Society, on September 15 last, very nearly approaches the ideal we have repeatedly held up in connection with the cactus section. It is of good form, attractive color, and has stiff, wiry stems that hold the blooms erect and clear of the foliage without artificial assistance. The flowers are not of the largest size, but this can in no way be regarded as a fault. The color is, for the most part, a pleasing shade of rose, but the central segments are heavily shaded with old gold, as also are the bases of the outer segments, this bright glow of color, combined with the bright rose, giving the flower a charming and dainty appearance. This new variety is one raised by Hobbies, Ltd., of Dereham, Norfolk.

CHRYSANTHEMUMS. — C. Harman Payne writes: "Although I have for some years past had correspondents in almost every country in Europe where chrysanthemums are grown, yet until this week I never had one in Spain. It is interesting to find that even in that country the gorgeous golden flower from the far east is likely to make a foothold. An English gentleman, writing to me from one of the northern towns, is desirous of knowing the rules upon which cut blooms are judged. He rightly says that he presumes something besides size is required to gain a prize."

CHRYSANTHEMUMS. — No Japanese chrysanthemum has stood out so conspicuously good in the leading exhibits during the present chrysanthemum season as the yellow, graceful F. S. Vallis. Mrs. Mileham has run it close, perhaps, but M. Calvat's seedling named after the enthusiastic and highly successful young grower of Bromham, Chippenham, has been first favorite. Although of large size, this variety is exquisitely beautiful, the long, drooping florets making up a deep and refined flower of great attractiveness.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y. Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

At Rochester, N. Y., Greene's Nursery Company has been incorporated by Charles A. Greene, Jennie C. Greene and R. E. Burleigh.

Charles H. Woodruff, of Niles, Mich., died Dec. 13, aged 77 years. He was the originator of the Ann Arbor, Woodruff and Nina grapes.

E. Runyan, president of the Elizabeth Nursery Company, is interested in the promotion of the Cuba and United States Fruit, Nursery and Mercantile Company.

Frank S. Merrell, nurseryman, of Verona, N. Y., died December 18, of a complication of Bright's disease and heart trouble. He was 71 years of age.

Brown Bros. Co., Pelham, Ont., have asked the courts to enjoin A. E. Coon from entering on a strip of land which they contend is included in a lease made with Coon.

The horticulturist of the State of Washington has record of 230,822 fruit trees planted there this fall, many thousands having been set in counties not heretofore counted as adapted to fruit growing.

WESTERN WHOLESALERS MEET.

Representative nurserymen from Missouri, Kansas, Arkansas, Oklahoma, Nebraska, Iowa and Alabama have been in session at Kansas City. It was the annual meeting of the Western Association of Wholesale Nurserymen. Owing to the absence of A. L. Brooke, of Topeka, the president, the sessions were presided over by the vice president, R. H. Blair, of Kansas City. The secretary is E. J. Holman, of Leavenworth. Aside from a discussion of matters intimately connected with trade affairs, there was a list of addresses on general topics. A. Willis, of Ottawa, Kan., urged the necessity of the association forming a fund to punish dishonest dealers and salesmen, and presented feasible plans as to how it can be done. Other papers presented were from J. Brown, of Geneva, Neb.; E. S. Welch, Shenandoah, Ia.; F. N. Stannard, Ottawa, Kan.; J. H. Skinner, Topeka, Kan.; J. W. Schuette, St. Louis. Favorable comment was expressed by the delegates that farmers are devoting more attention to fruit culture, and are reaping the benefits from the good prices brought for apples, peaches and plums. There is also a growing demand for western fruit trees in the coast country, and the number of exclusive fruit growers is increasing.

Springfield, Mass.—Wm. F. Gale has filed a petition in bankruptcy, liabilities $961.22, no assets.

Colorado Springs, Col.—A. J. Baur, who was formerly with Wm. Clark, has returned to the east to take the management of the Baur Floral Co., successor to S. Alfred Baur, Erie, Pa.

DATE OF EASTER.

Note that Easter, 1904, falls on April 3. In 1905 Easter will be the latest in many years, falling on April 23.

LARGE, BUSHY
HYDRANGEA
Paniculata Grandiflora.
4 to 5 feet.
$3.00 per doz.; $15.00 per 100; $120.00 per 1000.
ANDORRA NURSERIES
Chestnut Hill, PHILADELPHIA, PA.
Mention Review when you write.

ROSES for Spring blooming. The proper sorts. Clothilde Soupert, Coquette des Blanches, Coquette des Alps Gen. Jacqueminot, La France, Crimson Rambler, etc.. fine 1 and 2-year field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger, for 6-inch pots at 12c.
Large flowered Clematis, finest purple, lavender, white and pink sorts, 2 year field-grown or from 5 in. pots at 18c; 1 year field-grown or from 3-in. pots at 9c. Clematis Paniculata fine 2-year field-grown, 6c. Packing free for cash.
W. H. SALTER, ROCHESTER, N. Y.
Mention the Review when you write.

Field-Grown Roses
$8.00 per 100; plants 1 to 3 ft. 60 varieties. Climbing Soupert a specialty.
Cane Stakes—6 ft., $3.00 per 1000. Address
WM. K. NELSON, Augusta, Ga.
Mention the Review when you write.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention the Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention the Review when you write.

Send to THE MOON Company
For Your Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention the Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving.
Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention the Review when you write.

PACIFIC COAST.

PLANT NOTES.

Camellias.

The camellia is hardy in California and thrives well in most locations except in our warm interior valleys. For many years the plants sold by local dealers were imported either from the eastern nurseries or from Europe. In the last fifteen years we have received many thousands of the native Japanese camellias and some of them are very fine, and when properly handled make a very satisfactory garden plant. We used to think that the plant liked a shady place and matured its flowers better when sheltered in the neighborhood of some wall or building, but experience has proven that they succeed fully as well in the open if the drainage is good and they are given an abundance of water in the summer time.

The single camellias seed very freely and there is no trouble in raising plants for grafting or in arching and strong stock is easily propagated in this way. They can also be grown from cuttings, but are not very quick in rooting and it takes fully four years before a salable plant is the result. In Japan camellias are propagated both by cuttings and grafting and the climate being exactly suited to their requirements they make a plant large enough to sell in much shorter time than they do here. When they are grown in pots they make a short, stubby growth and when grown in the open ground the growth is ranker and with less flower buds.

The old white variety Alba Plena is still the finest of its color and succeeds better under glass—that is, the flowers come more perfect than they do outside. This is true of all the white varieties, but of the other colors there is no advantage in growing any of them in a greenhouse. One of the best points of this beautiful shrub is the fact that its flowering season begins about the middle of November and extends throughout the entire winter and a portion of the spring, or until the warm weather in April starts the young shoots growing and then we have a mass of bright glossy leaves all through the summer and fall.

Regarding the merits of the different flowers I must say the European varieties are superior to the Japanese. Although some of the latter are very fine, and I have seen many different shades, I have not found anything to equal such sorts as Alba Plena, Mrs. Abby Wilder, Daniel Webster or Sarah Frost. The Japanese are very fond of single varieties and some of the colors are very beautiful, but they are not as much in demand here as any of the double sorts.

Where a camellia is planted in the ground and does well its growth is remarkably rapid. We have a tree in San Francisco over twenty feet in height, and in Sacramento, Cal., there are many specimen plants from ten to fifteen feet high. During their flowering season these trees are a beautiful sight and the wonder and admiration of our eastern visitors. Several hundred perfect flowers are to be counted at any time and when there is a great scarcity of garden flowers, as is customary in the winter time, the camellia becomes our most valued garden shrub. G.

WE ARE ROOTING THIS WINTER OVER

2,000,000 Carnation Cuttings

We have over 1,000,000 now ready for shipment.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25.00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	6.00	45.00	200.00
White Cloud	1 00	9 00	35.00
Lorna	1.20	11.00	50.00
Pink.			
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35.00
Genevieve Lord	1.00	9.00	35.00
Argyle	1.00	9 00	35 00
Mrs. Joost	1.20	10 00	40.00
Mermaid	1.20	10.00	40.00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.50	20.00	90 00
Cressbrook	2 50	20.00	90.00
Mrs. Roosevelt	5 00	45.00	200.00
Enchantress	6.00	50.00	250 00
Success	4 00	35.00	150.00
McKinley	6.00	55 00	250.00
Triumph	1 20	11.00	50.00
Wm. Scott	1.20	11.00	50.00
Dorothy	2.00	15.00	

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10.00	40 00
Estelle	1 50	14.00	65.00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Crimson.			
Harlowarden	$5.00	$45.00	$200.00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14 00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450 00
Marshall Field	5.00	45 00	200 00
Tiger (Fancy)	5 00	45.00	200.00
Stella	3.00	25.00	100.00
Armazindy	1 00	9.00	35.00
Viola Allen	3.00	25.00	100 00

25 at 100 rate.
250 at 1000 rate.
2500 at 5000 rate.

All orders are filled promptly.

Unrooted CUTTINGS at half price.

We root over 100,000 a week. Don't believe it? Well, come and see them. A shipment to England arrived O. K. We are now making weekly shipments to a florist in New England whose order amounts to $1,500.00; they are arriving all O. K. Our R. C. Carnations are grown and rooted without fire heat. They are short jointed. We have neither rust, red spider nor stem-rot; they are strangers to us.

Terms Cash. If on arrival Cuttings are not satisfactory, return at once at our expense and money will be refunded promptly.

Express prepaid at above prices.

HYBRID CARNATION SEED of above varieties, mixed ..... **$1.00** per 100; **$9.00** per 1000.

California Carnation Co., Lock Box 103 Loomis, Cal.

SAN FRANCISCO.

The Market.

We have had considerable rain during the past week, but the weather is not cold; in fact, we have had only three frosty nights thus far this season, and it is now almost Christmas. Business is quiet in all the stores, and there is little doing except funeral work. We all expect a big Christmas trade, but whether it comes up to expectations or not I will be more able to tell you later on. Carnations, owing to the warm weather, are still very plentiful, of good quality and very cheap. The best of the fancy varieties are selling wholesale at from 35 to 50 cents per dozen. Lawson, Crocker, Estelle, Cressbrook, Flora Hill, Bradt and almost all the other good kinds are selling at from 25 to 30 cents per dozen, and Portia, Scott and Joost at 20 to 25 cents. This is really no higher than they have been for the last two months, and fully 25 per cent cheaper than they were last year at this time. Should the weather get colder prices may stiffen somewhat, but it is very evident there will be no shortage of carnations this year. With roses it is somewhat different. I have visited not less than a half dozen of our largest growers during the past week and with most of them there seems to be a great scarcity of first-class stock. Several have large houses devoted to American Beauties, and they are generally off crop. Brides, Maids and Testout are fairly plentiful, but fancy stock of these varieties is scarce. Several growers are sending in large quantities of small, weak-stemmed flowers, but there is little demand for them at any price. Beauties are selling wholesale today at from $1.50 to $3 per dozen, Brides and Maids at from 50 to 75 cents, Testout, Liberty and Kaiserin at the same price and Pres. Carnot at 75 cents to $1. Chrysanthemums are still in evidence, but they are getting scarcer and of poorer quality. Some Mrs. Jerome Jones and Bonnaffon grown under glass and very good flowers are selling wholesale at from $2 to $2.50 per dozen. Outdoor flowers can be had at from $1.50 per hundred up to $3 or $4. A couple of weeks more will finish them all.

The regular monthly meeting of the California State Floral Association took place on Friday afternoon last. Mrs. J. L. Martin was in the chair. It was decided to hold the annual spring flower show in the Ferry building March 24 to 26. It will be entirely devoted to a display of bulbous plants.

P. McDonell, of Alden, was married to Miss McNamara, of Oakland, last week. Mr. McDonell is a well-known carnation grower and his bride was formerly in the florist business.

Sievers & Boland deserve much credit for their show of cut flowers and blooming plants. They not only handle the finest stock to be had, but their window arrangements are the most artistic in town.

G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1 20	$10.00	$ 40 00
Flora Hill	1 20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30 00	125.00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25 00	100.00
Pink			
Mrs Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40 00
Mermaid	1.20	10 00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5 00	45 00	200 00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10 00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65 00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45.00	200.00
Gov. Roosevelt	1.20	11 00	50 00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60.00
Gaiety	3 00	25 00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

CASH WITH ORDER.

We prepay express charges and guarantee satisfaction. We have as fine rooted cuttings as were ever grown. If our cuttings are not satisfactory return at once and your money will be refunded.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

TORONTO.

The Market.

At the time of writing prospects for Christmas supply of cut flowers look more promising then they did when my notes were written last week. Although the weather has been cold, we have been favored with a few bright days. Violets will be scarce, without any doubt, but other stock looks to be coming in fair supply. I mentioned last week the unprecedented demand for Christmas bells this year. This demand has continued, if not increased, and this week most retailers are sold out and many duplicate orders have been refused by the wholesale men. Holly and wreathing has had a run which far surpassed the expectations of the importers and consequences are that most wholesalers are out of stock. Baskets and other supplies of a decorative nature have had a good sale. Quite a quantity of southern smilax has been imported this year and from the present demand looks as though there would be more used than ever. Flowering plants, such as azaleas, are in considerable quantity. D. J.

Lancaster, O.—W. E. Gravett, of this city, and Miss Louisa Rippman, of Circleville, were married Dec. 8.

Erie, Pa.—Under date of December 19 the Baur Floral Co. sends out the following: The floral business heretofore carried on by S. Alfred Baur, has been acquired and will hereafter be carried on by the Baur Floral Company. S. Alfred Baur has retired from said business and has no further interest therein. All accounts and bills from and after December 12, 1903, are due and payable to the Baur Floral Company, and all former accounts due to S. Alfred Baur have been assigned to M. W. Shreve, trustee, and should be paid to him.

500,000 Verbenas

60 FINEST VARIETIES.

Perfectly Healthy. Free from Rust.

Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants .....$2.50 per 100; $20.00 per 1000.

Our list is the choice of millions of seedlings.

Send for Circular.

J. L. DILLON, Bloomsburg, Pa.

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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

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.....PELARGONIUMS.....

ROOTED CUTTINGS.

15 varieties, all named, $2.25 per 100, prepaid. Verbena rooted cuttings, all choice named varieties, 60c per 100; $5.00 per 1000. Petunias, named, all double, $1.25 per 100; $10.00 per 1000. Express prepaid on all rooted cuttings. Will have other cuttings later.

Cash with order. Write
S. D. BRANT - - - CLAY CENTER, KAN.

....Decorative Plants....

PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, IMPORTER AND WHOLESALE GROWER
TROY HILL, ALLEGHENY, PA.

Mention Review when you write.

VERBENA KING

Here we are again with more Rooted Cuttings than ever, of the following:
Verbenas, Coleus, Heliotrope, Mme. Salleroi Geraniums, Double white Petunias, Salvias Feverfew, Ageratums, Daisies, Red and Yellow Alternantheras, all true to name and well rooted, fine and healthy. Safe arrival and satisfaction guaranteed. Write us your wants, for our prices are right and we prepay express charges too on all Rooted Cuttings. Send for list to

C. HUMFELD, The Rooted Cutting Specialist.
That cash, or C.O.D. please? **Clay Center, Kan.**

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JULIUS ROEHRS,

Grower of

Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.

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JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for **Bostons**

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

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Pansy Plants.

Fine plants.....50c per 100 $2.50 per 1000

PRIMROSES.

Chinese and Obconica, 2¼-in. pots...$1.25 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "

JOS. H. CUNNINGHAM, - Delaware, Ohio.

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Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

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NEW CROP

PLUMOSUS SEED

Ready for delivery about January 15.
Write for prices.

Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000
Enchantress	6.00 "	50.00 "
Lawson	3.00 "	25.00 "
Prosperity	3.00 "	25.00 "

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3.50 per 100	$30.00 per 1000
3 -inch "	6.00 "	55.00 "

SAMUEL S. PENNOCK,

1612 Ludlow St., **Philadelphia.**

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Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

Mention the Review when you write.

ROSES For the Trade **ROSES**

We are now ready to enter orders for first lot of Rooted Cuttings and 2x2½ inch young roses of following varieties: — Meteors, Brides, Maids, Perles, Ivory, La France, Kaiserins, Woottons, Belle Siebrecht, Pres. Carnot, Golden Gate, Am. Beauty, Liberty. Don't forget we are large growers of Boston and Piersoni Ferns in pots, from 2½ to 10-inch. Get your orders in for the holidays. Write—

GEO. A. KUHL, PEKIN, ILL.

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JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

Price list for the asking.

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Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

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Always mention the Florists' Review when writing advertisers.

Fancy Carnations

Blooms and Cuttings.

Select blooms, $3.00 per 100; good stock, $2.00 per 100. The following "Bread and Butter" varieties, guaranteed true to name, well rooted and free from disease. "Be Wise" and order early: Enchantress, $6.00 per 100. Innocence (white), Dorothy, Enquirer (pinks), Gov. Wolcott, $3.00 per 100. Lawson, Prosperity, $2.00 per 100; $18.00 per 1000. White Cloud, Glacier, Crane, $1.50 per 100; $12.50 per 1000. F. Hill, Joost, Marquis, $1.50 per 100; $12.50 per 1000.

Geraniums—The following superb bedders: Jean Viaud, Alp. Ricard, Mme. Buchner, S. A. Nutt, E. G. Hill, B. Poitevine, strong rooted cuttings, $1.50 per 100; $14 00 per 1000.

Petunias—Double fringed, ten novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salvias—St. Louis, Bonfire, $1.00 per 100.

Smilax—2¼-inch, special price, 60c per 100; $5.00 per 1000. Cash.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention Review when you write.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.

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'Mums STOCK PLANTS

R Halliday, Appleton, Golden Wedding, Y. Bonnaffon, Yellow Jones, Glory of Pacific, Perrin Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, White Bonnaffon, Timothy Eaton, White Jones, Chadwick; 75c doz.; $5.00 100.

G. M. NAUMANN, 1537 Doan Street CLEVELAND, O.

Mention the Review when you write.

STOCK MUMS Strong and Well Furnished

White: Kalb Queen, Bergmann, Robinson, Willowbrook Ivory, Eaton, Pink, Pacific, Shaw, Dean, Perrin, Superba, Lavender Queen, Yellow, Whilldin, Wedding, $5.00 per 100. Chamberlain and White Bonnaffon, $10.00 per 100.

Rose Cuttings—American Beauty, $3 00 per 100; Bride, Ivory, Gate, Maid, Meteor, $1.50 per 100; Brides from 3-in. pots, $4.00 per 100; $37.50 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write.

Indianapolis!

The Best Bright Pink Carnation in Sight... It Never Bursts.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

Come and see it growing.
You will want to grow some of it yourself.

$2 50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH, 330 W. 38th Street, INDIANAPOLIS, IND.

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CHRYSANTHEMUMS

THE FINEST NOVELTIES AND ALL THE LEADING PRIZE WINNERS.

MRS. H. W. BUCKBEE—Niveus X Mrs. Henry Robinson, a fine pure white for all purposes. C. S. A. Certificate scoring 91 points.

ROCKFORD—Mrs. Henry Robinson X Col. D. Appleton. Incurved, yellow, fine habit; a grand commercial variety. At its best Oct. 20th. C. S. A. Certificate scoring 88 points. Prices of above 50 cents each, $5.00 per dozen, $35.00 per 100.

All the Best Australian and Other Introductions.

S. T. Wright at $1.00 each; William Duckham, everybody's choice as the best Mum to date at 75 cents each, $7.50 per dozen, $50.00 per 100.

Maynell, Donald McLeod, Henry Barnes, Harrison Dick, Leila Filkins, Pantia Ralli, W. A. Etherington, Miss R. Hunt, Esther Edwards, at 50 cents each, $5.00 per dozen, $35.00 per 100.

H. W. Buckbee—The best commercial yellow for Thanksgiving, at 15 cents each, $1.25 per dozen, $8.00 per 100.

And all the leading Commercial and Exhibition varieties. Prices on application. Select young plants from 2-inch pots.

Orders are now being booked, and will be filled in rotation, as received. Delivery after March 1st.

Forest City Greenhouses
Rockford Seed Farms

H. W. BUCKBEE, Rockford, Ill.

Mention the Review when you write.

NEW CHRYSANTHEMUM

STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell, Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Uwanta. The above 25c each, $2.50 doz.

Oresco, Bentley, Iolantha, Bruant, Lady Harriet, Robert Halliday, Polar Queen, Mrs. Barclay, Yanariva, 15c each, $1 50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, October Sunshine, Xeno, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

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Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

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Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

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MUM STOCK PLANTS.

Halliday, Coombes, Adrian, Robinson, Cadbury, Chadwick, Yanariva, K. C. Star, Golden Wedding, Sanders, Mrs. Taggart, 5c each; large stock. Alice Byron, Mrs. F. J. Tranter, Goldmine, 15c each; stock limited. No order filled for less than $2.00. Watch for adv. of rooted cuttings.

W. A. CHALFANT - Springfield, Mo.

Mention Review when you write.

BUFFALO.

The Market.

Business is opening up in pretty good shape and if it increases as the week progresses we shall be satisfied. There are whisperings and mutterings here and there that business in the large department stores is not up to expectations. We know there has been a serious check to the wonderful prosperity of the past two or three years, but it will hardly affect our little business. In bad times our business is the last to feel it and the slowest to recover, but I don't want to be pessimistic and during the holidays to come I expect to see everything salable go and at a good price. Holly is plentiful, but ground pine is not to be had and of course, as it is very scarce, it is in great demand.

Our Main street florists are showing windows that are gorgeous in color. Nothing like it. "Wash all you got and hang out all your wash," is a most excellent business motto and I daresay was understood in ancient Pompeii as now.

Various Notes.

The weather has let up in severity, but it never was cold compared to a taste of central New York recently experienced in the city where Flamingo soars supreme. Remarks made by Mr. Marquisee on Friday last froze in my ears and not till I was in a warm car of the N. Y. C. did I get their full meaning.

Miss Rachel Rebstock is finely equipped to do business. Besides Mr. Peek in her employ, she has now the artistic assistance of Mr. Schnell, late of Thorley's, later of Palmer's and now late of Butte, Montana.

Governor Odell was the guest of the Chamber of Commerce on Saturday evening and sat down with 300 of our city's leading spirits. Flowers were not lavishly used. Miniature holly trees in prettily decorated jars were the feature and very appropriate, too. You will all be so busy counting the proceeds of Christmas business that any more Buffalo notes will be wasted. W. S.

I HAVE dropped other papers in preference for the REVIEW.—C. C. WONNEMANN, Mexico, Mo.

SUCCESSFUL CARNATION GROWERS

from Maine to California, are using THE MODEL EXTENSION CARNATION SUPPORT—are you?

A prominent grower recently wrote us: "Your wire stake is certainly a gem; without hesitation we endorse it as up-to-date, and the best support we have ever used."

Mr. Grower—"THE MODEL" you will find to be an able assistant; write for prices and Book B; it's full of information.

Man'f'rs of the Model Glazing Tack Especially adapted for Greenhouses

THE PARKER-BRUEN MFG. CO. (INC.)
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—ROOTED—
CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1.50	12.50
Flora Hill	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2.00 per 100; $15.00 per 1000.

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St. Louis Carnation Co., Clayton, Mo.

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000
Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

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FLAMINGO

The finest scarlet carnation ever introduced. Brilliant color; large, fine flower; fragrant; great keeper; long, stiff stems; early, free, continuous and ideal in habit.

ALBATROSS

The whitest of the whites. Early, will produce fine flowers in the field. A constant bloomer, never produces a weak stem, strongly clove scented. A most extraordinary keeper, a business carnation, a money-maker.

SUNBIRD

The strongest, most vigorous and most prolific of the yellows. Beautiful form, large flower, stiff stems, as free as any variety, is universally admired and sells readily.

L. E. MARQUISEE,
207 Delaware St., SYRACUSE, N. Y.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.
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ALL the **BEST** offers
ALL the time in the
REVIEW'S
CLASSIFIED ADVS.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

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51 Wabash Ave., **CHICAGO.**

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We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4.00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	6.00	50	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12 00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

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CARNATION SPECIAL.

READY TO GO OUT OF CUTTING BENCH.

	100	1000
35,000 Gov. Wolcott, undoubtedly the best white	$3.50	$30.00
25,000 Enchantress, undoubtedly the best light pink	5.00	45.00
25,000 Lawson, one of our favorites.	3.00	25.00
15,000 Palmer, about as good as any red	$3.00	$25.00
Harlowarden	5.00	
Higinbotham	4.00	
Prosperity	3.00	
Lillian Pond	5.00	

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 per doz.; Ligar, Richardson, Yel. Eaton, $1.50 per doz.

POEHLMANN BROS. COMPANY, **Morton Grove, Ill.**

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PARTRIDGE

HAS

"NELSON FISHER"

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Growing in quantity and can confirm all the claims made by the originator. **"Nelson Fisher"** has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12.00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,

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WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

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1217 Arch St., Philadelphia, Pa.

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CARNATIONS -- Rooted Cuttings.

JANUARY and FEBRUARY DELIVERY.

	Per 100	1000		Per 100	1000
Nelson Fisher	$12 00	$100 00	Gaiety	$3.00	$25.00
Mrs. Patten	12 00	100 00	Stella	3.00	25.00
The Belle	12 00	100.00	Lawson	2.50	20.00
Lady Bountiful	12.00	100.00	Morning Glory	2.50	20.00
Flamingo	12 00	100 00	Glacier	2 50	20.00
Adonis	8 00	70 00	Marquis	2 50	20.00
Enchantress	6.00	50.00	Dorothy	2.50	20.00
Boston Market	4.00	35.00	Gov. Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Gov. Wolcott	4.00	35.00	Lorna	2.00	17.50
Pres. McKinley	3.50	30.00	Norway	2 00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana	3.00	25 00	Success	2.00	17.50
Innocence	3 00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	White Cloud	1.50	12.50

GERANIUM CUTTINGS

From plants on the bench, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin.

CHRYSANTHEMUM STOCK PLANTS.

Halliday, R. H. Pearson, Viviand-Morel, Col. Appleton, Timothy Eaton. Fee de Champsaur, White and Yellow Jones, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8.00 per 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden-Powell at $10.00 per 100. Park at $5.00 per 100.

BOSTON FERNS.

7-inch, $1.00 each; 8-inch, $1.25; 9-inch, $1.50.

Cash or C. O. D.

W. J. & M. S. VESEY - FT. WAYNE, IND.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,

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HOLLY....

The best that the market affords.

Place your orders with us and you will not be disappointed.

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

PITTSBURG.

The Market.

Business last week was similar to previous years; the week before Christmas was a dull one. Roses arrived in large quantities and some of the stock was not fit for sale, it had such a soft and unhealthy appearance. Maids and Brides were sold at very low prices. Carnations are very scarce; in fact, have been so since November. The stock which is offered is fine. Sweet peas, mignonette and cut baby primroses are very plentiful and sell well. Smilax is slow sale.

Store Decorations.

Randolph & McClements had a beautiful window decoration of poinsettias; they also displayed many new designs in fancy baskets, etc. Mrs. E. A. Williams' pretty down-town store has taken on its Christmas attire; in fact, it is a dream. Mr. Shieff, manager, reports business fine. Breitenstein & Flemm are displaying many new and unique novelties in boxwood and immortelle work. Geddis & Blind have a very striking window display of red bells at their new store. L. I. Neff is selling quantities of boxwood and immortelle wreaths. Mr. Neff has one of the oldest down-town cut flower establishments in Pittsburg. Thomas M. Ulam has one of the prettiest windows in Pittsburg, of red bells and poinsettias.

Various Items.

G. & J. W. Ludwig made up an arm chair last week for a funeral, for which they will receive $150. Their work was well executed.

E. C. Ludwig reports business fine and has more advance orders for Christmas than last year. Ernest will open up a new store in the Allegheny Diamond, April 1.

Several losses by frost were reported last week. W. R. Maebius had a wagonload of decorative plants frozen; loss $60. H. L. Blind & Bros. also received a shipment of azaleas which came by freight and was frozen beyond recovery.

David Geddis is receiving congratulations on a fine baby boy. Mrs. Geddis and son are doing well.

Recent visitors: A. J. Guttman, New York; Ed. Reid, Philadelphia; J. M. Gates, Sistersville, W. Va.; Arthur Langhans, Wheeling, W. Va.; I. S. Crall, Monongahela; E. J. Fancourt, representing S. S. Pennock, Philadelphia.

Hoo-Hoo.

Sturgeon Bay, Wis.—P. G. Swan has just moved into a fine new residence.

Caldwell's Kwality Kounts Brands

Southern WILD SMILAX.

Terms—Cash with orders from unknown correspondents.

And we will do it again! What?

WHY--FILL ALL OF YOUR ORDERS AT ALL TIMES

SO WILL OUR AGENTS:

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A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
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Balsam
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Bellis
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Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
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Camellia
Canna
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Celosia
Centaurea
Cheiranthus
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Cobea
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Crinum
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Dahlia
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Diaothus
Dracaena
Drainage
Easter Plants
Epacris
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Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
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KNOWN EVERYWHERE FOR SUPERIORITY.

SPECIAL STYLE No. 616.
9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER
Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the McCRAY is Guaranteed Absolutely Satisfactory. Thousands testify to its merits.

Mention this Journal and we will send you the following catalogues: No. 39, for Residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70, for Florists.

McCRAY REFRIGERATOR CO.

316 Mill Street, Kendallville, Ind.

Branch Offices and Salesrooms: Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 710 Penn Ave.; New York, 341 Broadway; Detroit 305 Woodward Ave.; Columbia, S. C., 1210 Main St.; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.

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Asparagus Sprengeri,

2-inch.....$1.20 per 100.

Smilax, 2-inch.....$ .75 per 100
Dracaena Indivisa, 2-inch..... 2.50 "
Cryptomeria Japonica, 2-inch.. 5.00 "

E. I. RAWLINGS, Quakertown, Pa.

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A FINE LOT OF FERNS,

Assorted Varieties, in 2½ and 3-inch pots, **$2.00** per 100.

Wagner Park Conservatories
SIDNEY, OHIO.

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ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Primroses, Chinese and Obconica

Extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus**, from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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SMALL FERNS for Fern Dishes

Strong plants in 2¼-inch pots, at $3.00 per 100, $25.00 per 1000.

PRIMULAS.

OBCONICA GRANDIFLORA, ALBA, ROSEA and **FIMBRIATA**, strong plants, 2½-inch pots, $3.00 per 100; $25.00 per 1000. **Cash.**

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..FERNS..

Boston and Piersoni

Pot-Grown Plants.
Finest Quality.

Bostons—2½-in., $1.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni—Strong rooted runners reduced to $10.00 per 100. 2½-in., $16.00 per 100; 4-in., 50c each; 5-in., 75c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

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Palms, Ferns, Etc.

Araucaria Excelsa, from 18, 20 to 25 inches high, 6 inch pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-inch pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-inch pots, 40c to 50c.

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Dracaena Bruanti, just the right plant for decorative purposes, 25 inches high, full of foliage from top to bottom, 6 inch pots 50c each or $5.00 per doz.

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Pelargoniums—Mixed varieties, 2½-inch, $3.00 per 100. **Petunias**—Mixed varieties, 2-inch, $2.00 per 100. **Ivy Geraniums**—Mixed varieties, 2-inch, $2.00 per 100. **Primulas**—Obconica, rosea, fine plants, 3-inch, $5.00 per 100. **Geraniums**—R. C., Poitevine, E. G. Hill, A. Ricard, Gen. Grant, La Favorite, all mixed, $1.50 per 100; $12.00 per 1000. Cash please.

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ST. PAUL.

The Market.

The near approach of the holiday season, a steady demand for funeral flowers, activity in social circles and an increasing country business have contributed to the betterment of trade conditions. The store men have prepared for a big Christmas trade.

At Swanson's window a holly arch four feet in height and seven in width, flanked by Piersoni ferns, adds attractiveness to the Lorraine begonias, azaleas and poinsettias in the foreground. May's windows have been gay with color during the week, potted plants, cut blooms and baskets being the prominent features. Holm & Olson have also had attractive windows. These tasty windows are the best kind of advertising, and if backed up by good goods, delivered on time, are sure to win trade.

Various Items.

The Ladies' Auxiliary to the N. W. Manufacturers' Association, under whose auspices and management the recent flower show was held, have paid all premiums in full and report the show a success financially. This cheering news will be hailed with delight by all in the trade and presages a larger and more successful show another year.

The growers have a fair crop for Christmas. Roses and carnations will be fairly plentiful. There will also be a good supply of bulbous stock, poinsettias, azaleas, cyclamens, etc. The only notable shortage is violets. While the plants are clean, vigorous and healthy, they do not bloom. This seems to be the general complaint with all the growers.

Bouquet green is very scarce, but holly is plentiful and good. Commission men are offering it at a low figure, as usual, but a good quality article sells readily at $5 per case. Mistletoe is especially fine this season. Pepper berries are seen in some of the stores and are very attractive.

X. Y. Z.

Toledo, O.—Mrs. E. Suder says business is good but there is a great scarcity of carnations.

Missoula, Mont.—The Missoula Nursery Company will put up two more greenhouses in the early spring.

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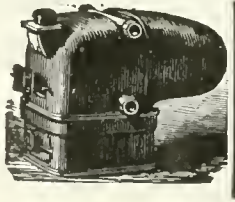

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" No. 7	6x16x20...	5.50	"	54.00 "
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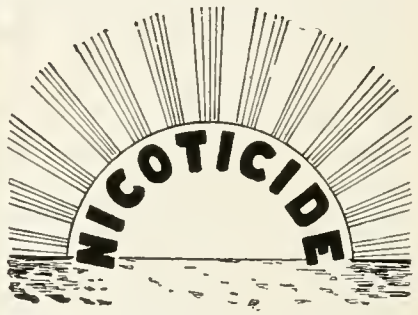

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
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NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00 Subscriptions accepted from those in the trade only.

Advertising rates: Per inch $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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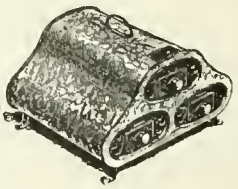

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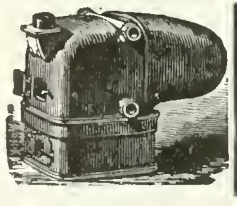

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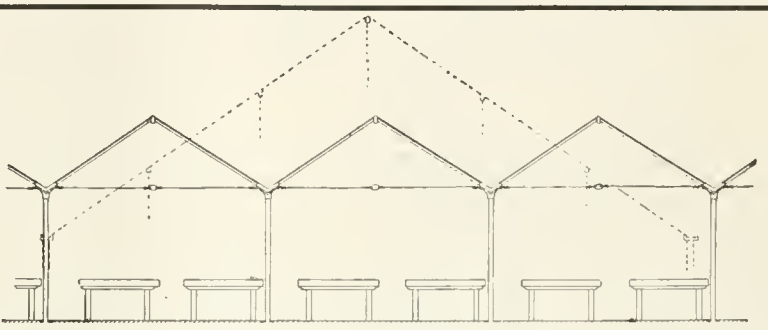

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CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

TOBACCO STEMS.
Fresh and strong. Bales 300 to 500 lbs., 75 cents per 100.
U. CUTLER RYERSON,
108 Third Avenue, -- NEWARK, N. J
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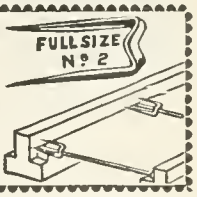
Holds Glass Firmly
See the Point
The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.
HENRY A. DREER, 714 Chestnut St., Phila., Pa.



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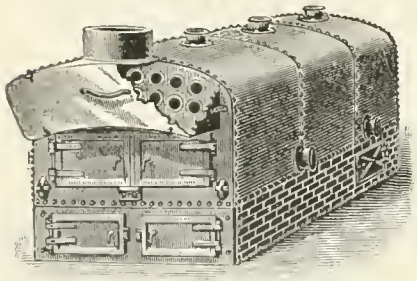
Greenhouse Boiler,

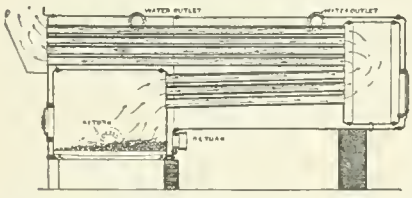
51 Erie Street, CHICAGO.



Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around front, sides and back. Write for information.

The "Superior" Boiler

BEST FOR GREENHOUSE HEATING.



WE claim this to be the most ECONOMICAL BOILER on the market. The simplicity of construction is apparent from the illustration; built throughout of first-class steel plate; no cast iron rings or legs to crack—all solid steel. Made in five sizes, for 4,000, 5,000, 6,000, 7,500 and 9,000 lineal feet of 4-inch pipe. Every boiler built to order. Send for price list and full information.

SUPERIOR MACHINE AND BOILER WORKS,

129-133 W. Superior St., CHICAGO.

THE STANDARD,

The lighest running, most rapid and powerful Ventilating Machine in the market.

The DUPLEX GUTTERS,

Made of wrought or cast iron, with self-adjusting sash bar clips.

The only DRIP PROOF GUTTERS made.

Send for calalogue—free.

E. HIPPARD,

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S. WILKS MFG. CO.,

Manufacturers of

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35th and Shields Ave, Chicago, Ill.

Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

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JOHN A. SCOLLAY,

Greenhouse Heating, Ventilating Apparatus. Hot Water and Steam Boilers.

JOHN A. SCOLLAY,

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"Special" Greenhouse Putty.

Made from Pure Linseed Oil and Kiln-dried Whiting, absolutely unadulterated. Works easier than others, therefore more readily applied. The Best Putty for

QUALITY, DURABILITY AND ECONOMY.

It costs a little more than other makes, but lasts longer. Try a sample lot and be convinced.

Write for price and particulars to

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New York Office, St. James Bldg., Broadway and 26th St.
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THE PIERSON-SEFTON COMPANY,

Designers, Manufacturers and Builders of

HORTICULTURAL STRUCTURES,

West Side Ave., South, JERSEY CITY, N. J.

MANUFACTURERS OF

"PIERSON" BOILERS

SECTIONAL and ROUND. STEAM or WATER.

For Large and Small Ranges.

Iron Frame { GREENHOUSES, BENCHES, } Red Gulf Cypress.

HOTBED SASH AND FRAMES.

GREENHOUSE CONSTRUCTION SUPPLIES

Plans, Specifications and Estimates on application.

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REDUCTION IN PRICE OF Iron Gutters and Posts.

Improved method of manufacture, and lower pig iron market, enable me to offer IRON GUTTERS AND POSTS at greatly reduced prices.

SEND FOR PAMPHLET OF MY No. 4 GUTTER.

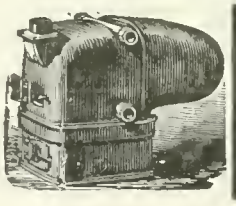
GEO. M. GARLAND, Des Plaines, Ill.

DILLON'S GREENHOUSE MFG. CO. BLOOMSBURG, PA.

MANUFACTURERS OF HOTBED SASH, AIR-DRIED GULF CYPRESS SASH BARS AND OTHER GREENHOUSE MATERIAL.

BUILDERS of DURABLE and PRACTICAL GREENHOUSES at a LOW COST.

Our descriptive circular contains valuable information for every florist. Send for it.



HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Send Four Cents for Catalogue.

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, DECEMBER 31, 1903. No. 318.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

WM. F. KASTING

Wholesale Florist

481 Washington St. BUFFALO, N. Y.

KENNICOTT BROS. COMPANY,

PRICE LIST, subject to change without notice.

40-42-44 Randolph St, CHICAGO, ILL.

AMERICAN BEAUTIES,
All lengths of stems, at market rates.

	Per 100
Brides	$8 00 to $12 00
Bridesmaid	8 00 to 12 00
Meteor	8 00 to 12 00
Liberty	6 00 to 15 00
Gate	6 00 to 12 00
Perle	6 00 to 10 00
Roses, our selection	5 00

	Per 100
Carnations, select	$3 00 to $4 00
Carnations, fancy	5 00 to 6 00
Violets	75 to 2 00
Valley	3 00 to 4 00
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Mignonette	3 00 to 4 00
Marguerites	1 00 to 1 50

	Per 100
Stevia	$1 50 to $2 00
Adiantum	1 00 to 1 25
Smilax	12 00 to 15 00
Asparagus Strings	30 00 to 40 00
Asparagus Sprays	2 00 to 3 00
Sprengeri	2 00 to 6 00
Galax, Green,	$1 25 per 1000; 15c per 100
Galax, Bronze,	1 50 per 1000; 20c per 100
Ferns	2 00 per 1000; 25c per 100

Well Rooted - CARNATION CUTTINGS - Ready Now.

Enchantress, light pink	$6 00 per 100;	$50 00 per 1000	
Harlowarden, crimson	6 00 "	50 00 "	
Her Majesty, white	5 00 "	45 00 "	
Lillian Pond, white	5 00 "	45 00 "	
Pres. McKinley, dark pink	5 00 "	45 00 "	
Sibyl, dark pink	5 00 "	40 00 "	
Dorothy Whitney, yellow	6 00 "	50 00 "	
Gov. Wolcott, white	5 00 "	40 00 "	
Estelle, scarlet	$3 00 per 100;	$25 00 per 1000	
Mrs T. W. Lawson, dark pink	2 50 "	20 00 "	
Mrs. Higinbotham, light pink	4 00 "	30 00 "	
Prosperity	2 50 "	20 00 "	

NEW VARIETIES for January Delivery:

Crusader, best scarlet	$10 00 per 100;	$80 00 per 1000	
Reliance, white	10 00 "	80 00 "	
Moonlight, white	10 00 "	75 00 "	

SEND FOR DESCRIPTIVE LIST OF ABOVE AND OTHER VARIETIES.

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. JOLIET, ILL.

Roses for Forcing

Get September Struck Cuttings. THEY ARE BEST.

THE BRIDE, BRIDESMAID, IVORY, GOLDEN GATE, in nice young dormant plants, $22.00 per 1000; $2 50 per 100.

This class of stock almost equals grafted plants. Much superior to winter propagated plants. Our new list contains just the new and good things you want out early in January.

The E. G. Hill Co.

RICHMOND, IND.

NEW CROP Flower Seeds TO SOW NOW.

Complete Preliminary List is now ready. Mailed Free.

NEW PANSIES.

HERO—Deep blue crumpled flowers margined with white. Packet, 25c.

PSYCHE—Fine form and color. A five-blotched flower, entirely surrounded with white. Trade packet, 25c.

NEW STOCK--"Beauty of Nice," of extremely rapid growth and long continued bloom. The color is a delicate shade of flesh pink, just what the grower of cut flowers requires. Trade packet, 25c.

NEW TORENIA--"Nymph." Light blue, with deep velvety spot. Fine for pots. Trade packet, 25c.

10 per cent. discount for cash with order.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO.

EASTER, 1904

Aspidistra elatior, green, per 100 leaves..... $6 00
" " fol. var., per 100 leaves.... 10 00
Spiraea japonica, extra heavy per 100 plants 3.50
" comp. multifl. and astilboides, per 100 plants 4 00
Azalea indica, 10x12, per 100 plants.. ..... 35 00
" 12-14 per 100 plants..... 45 00
Azalea mollis.. $20 00 $35.00, $45.00, $60.00 per 100
Rhododendrons, hybr., for forcing, $45.00, $90 00, $150 00 per 100.
Deutzia gracilis, fine pot grown plants, $15.00 per 100.
Deutzia Lemoinei, fine pot grown plants, $20.00 per 100.
Lilacs, pot grown, Charles X. and M. Legraye, $45 00 per 100.
H. P. Roses, leading varieties $10.00 per 100; $90.00 per 1000.
Clematis, leading varieties, extra strong, to name, $25 00 per 100
Hydrangea paniculata grandifl., extra fine standards, $35.00 per 100
Hydrangea paniculata grandifl., extra fine dwarf, $15.00 per 100.
Buxus sempervirens, pyramids and standards, 4 feet high, $150 00 per 100.
Magnolia, in variety, to name, well budded, $150.00 per 100
Aristolochia, Dutchman's pipe, strong plants, $40 00 per 100.
Lonicera extra strong..... .....$25 00 per 100
A fine assortment of Conifers on hand, prices cheerfully given by

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

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Lily of the Valley

ARRIVED IN FINE CONDITION.

We offer a limited amount of the finest in the market for **early forcing, $14 00** per 1000; **$35.00** per case of 2500; **$1.50** per 100. **This stock is unsurpassed** and nothing better to be had.

Bruns' Extra Fine Berlin Pips,

For early forcing, are almost equally as good and always give satisfaction **$12.00** per 1000; **$30.00** per case of 2500; **$1.25** per 100.

COLD STORAGE VALLEY,

$15 00 per 1000; **$1.75** per 100.

FINEST CUT VALLEY always on hand

H. N. BRUNS,

VALLEY SPECIALIST,

1409-1411 W. Madison St., CHICAGO.

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122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.

Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

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A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES,

Factory, 709 First Ave., bet. 40th and 41st Sts.

Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

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Mention the Review when you write.

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1928 Germantown Avenue, PHILADELPHIA, PA.

WAX FLOWERS,
FLORAL DESIGNS,
FLORISTS' SUPPLIES.

Always mention the Florists' Review when writing advertisers.

Happy New Year--1904

Time to think of EASTER.

Trust you have all had a very good Xmas and are now ready to give us orders for your **EASTER Forcing Stock.**

We can send **safely** from frost by **FREIGHT,** the following:—

Spiraea Japonica, fine clumps..doz., 50c; 100, $3 00
Spiraea Compacta Multiflora... " 60c " 3 50
Spiraea Astilboides Floribunda " 75c " 4 50

LILLY OF VALLEY.

	100	1000	Case 3000
XXX, **Empress** brand...	$1.50	$12.00	$35 00
XX, finest forcing brand..	1.25	10 00	26.00
X, a good pip, but cheaper	1.00	9 00	24.00

Packed light we can send by express.

	Doz.	100
BEGONIA—Tuberous rooted, in white, rose scarlet, red, yellow and orange, single separate colors, 1 to 2 inch....	35c	$2.25
BEGONIA—Tuberous rooted, **double,** in separate colors	65c	4 50
GLOXINIA erecta crassifolia in white, red, lilac, blue tigered, separate colors	60c	4.00
GLOXINIA—All colors, mixed.....	50c	3.00

Peonies for Easter.

JAPAN, herbaceous, **rare sorts,** our selection, named.....	$3.50	27.50
JAPAN Tree Peonies finest for Easter	5.00	35.00
Peonia officinalis in double white, rose and red.....	1.75	12.00

Caladium Esculentum: Caladium, fancy leaved; Canna; Gladioli for forcing, etc. **Send for prices** on all these. Our **New List** is ready.

SEEDS—We are headquarters for all sorts of ASPARAGUS seeds and offer crop 1903, the **freshest** and **best** seed of these various beautiful sorts. 100 1000

Asparagus Sprengeri. (Ready).....	20c	$1 00
Asparagus Plumosus. (Ready Jan. 15)..	85c	7.00
Asparagus Plumosus Nanus. (True.) (Ready Feb.)	85c	7 00
Asparagus Decumbens, extra fine for bouquets and baskets. (Ready)	75c	6.00
Asparagus Plumosus Robustus (True) (Ready)	1.25	10 00

Asparagus deflexus scandens, exquisite sort, doz. 25c.

PALM SEEDS—Fresh. Kentia Belmoreana or Forsteriana. Ready	50c	3.50
Cocos Weddelliana. Ready	85c	7.00
Phoenix Reclinata.....	50c	4.00
Phoenix Cana lensis.....	25c	2 00
Dracaena Indivisa.....pkt., 10c;	oz.,	40c
Dracaena Australis .....pkt., 10c;	oz.,	50c

FLOWER SEEDS—All florists' seasonable flower seeds, especially **California-Grown Sweet Pea Seed,** in all best and favorite sorts 25c per lb. (add 8c for postage), oz., 5c; ¼ lb., delivered, 12c.

☞ **Send for our NEW LIST**—it will surely interest you.

We offer a small lot of COLD STORAGE

Lil. Harrisii--Best Bermuda Brand

QUALITY GUARANTEED FINE. TO CLEAR OUT.

5 x 7, 100, **$2.00;** Case 400, **$7.00;** 1000, **$15.00**
6 x 7, 100, **3.00;** Case 300, **8.00;** 1000, **22.00**

Address **H. H. BERGER & CO.,** 47 BARCLAY STREET, **New York.**

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Headquarters for EVERGREENS

Order direct from us and you wont be disappointed. We always carry a fine line of Laurel Festooning, made good and full, 5c and 6c per yard Princess Pine Festooning, made all round and heavy, 5c and 6c per yard. Laurel Wreaths, made heavy and fancy, $2 00 per doz. and upwards, according to sizes. Princess Pine Wreaths, made very heavy, $1 50 to $2 00 per doz Holly Wreaths, made extra heavy 50c each; $5.00 per doz. Holly the best in the country, well berried, $6 00 per case, contains 100 lbs. Wild Smilax, extra $4.00 and $7 00 per case. Also a full line of Florists' Supplies. A No. 1 Hardy and Fancy Ferns, $1 00 per 1000. New Crop Bronze and Green Galax, $1.00 per 1000. Also Green Moss in bbls, $1 00 per bbl. All orders by mail telephone and telegraph will receive our personal attention. Long Distance Telephone 2618 Main and 583-4 Tremont.

HENRY M. ROBINSON & CO., 11 Province St., BOSTON, MASS.

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M. RICE & CO.

IMPORTERS AND MANUFACTURERS,

RIBBON SPECIALISTS.
Leading Florists' Supply House.
Send for Our Illustrated Kat-a-log.

918 Filbert Street, PHILADELPHIA, PA.

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ASPARAGUS PLUMOSUS NANUS

is admitted to be one of the most profitable crops grown under glass. The small plants are useful for Ferneries—the larger sizes for baskets, and when planted out for Sprays or Strings, they pay best of all. We have very fine fresh seed. Price $1.00 per 100 seeds; $7.50 per 1000 seeds. Our tiny rubber bands are proving the "Dear Friend" of many Carnation Growers May we send you a sample lot? Price, 1000, 15c; 2000, 25c; 4500, 50c; 7000 for 75c; 10,000 for $1. **HENRY F. MICHELL CO.** 1018 Market St. PHILADELPHIA.

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H. Bayersdorfer & Co.

Wish the Florists of America

A PROSPEROUS NEW YEAR!

Mention the Review when you write

SIGMUND GELLER

108 W. 28th St. **NEW YORK CITY**

Telephone No. 1747 J, Madison.

Importer, Jobber and Manufacturer of **Florists' Supplies**

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A RETROSPECT AND THE PROSPECT

A Retrospect.

Standing with the Old Year full of days behind us and at the threshold of the New Year, it is fitting that a summing up shall be made of the year that is gone, a trial-balance drawn from which we may see the net results of what has been accomplished and may gain some notion of where our course should lie in the season for which preparation must soon be under way, for in this day and generation the successful one is he who can see farthest into the future.

The Flood Tide.

A year ago our trade stood at the flood tide of its prosperity. Indeed, so stood all the legitimate producing industries of the entire country, and there were but summer-day clouds in the business sky. The cut flower growers, and their department had developed to be undoubtedly the most extensive branch of our business, were cutting splendid crops in the first quarter of 1903. Not only was production large in quantity but quality was excellent; painstaking study of plant growing was reaping its reward. Prices, too, were good and, while figures are obtainable from only the leading markets, it is probably no more than a statement of fact that from New Year's to Easter the aggregate money value of cut flower crops throughout the United States was never greater. At Easter the lilies, because of quantities of indifferent quality, did not do as well as had been expected. Decoration day is gaining a position second only to Christmas and Easter in the cut flower business.

The growers of flowering plants did a prodigious business for Easter and for the first time since the growth of this branch of the trade became pronounced fully met the needs of retailers in the principal cities. The bedding plantsmen had a splendid season, well-grown stock of all kinds finding a ready outlet at satisfactory prices, save in a few scattered localities, and had these surpluses been recognized in season there was a place at no great distance for each of them.

The Fern Market.

The trade in palms and other decorative plants has been steady. The Boston fern was, in the growing season, produced in even greater quantities than before and the market was over-burdened in the fall; indeed, stocks are still pressing, but the Boston has lost none of its popularity through omnipresence; the plants will all find a home by spring. Another item which is suffering in price by increased production is asparagus, and this applies not only to plants but to the cut stock. The Pierson fern has taken a firm hold on the trade in its first season and the goldeu pandanus has been widely distributed.

Builders Have Busy Season.

During the summer the greenhouse builders had a busy season. There is this difference in the establishments of the Atlantic coast and of the Ohio and Mississippi valleys; on the one there are many hundreds of moderate-sized and generally very successful places, in the other comparatively few, but many of them very large producers, this spring standing at the close of their most profitable season. Is it any wonder that in the east each grower built a house or two and that in the west whole new ranges were the rule? The man was the exception who did not in some particular enlarge his facilities for doing business.

Yet the summer was a period of incipient hesitancy in the business world. Cost of production was very high and labor troubles were tripping many industries. The bellowings from Wall street served to intimidate many merchants and manufacturers, for contagious as is the spirit of push, nothing runs riot through the body politic like the fear of famine.

Autumn Promises Well.

Starting the season with greenhouses never in better shape, with carnation plants coming in from a splendid outdoor growing season, with roses showing the benefit of the increasing skill of the growers, it bade fair to be, in the producing end, at least, the most successful season on record. But from some inscrutable source has come a curtailment of production as unexpected as was the slackening in demand. The lack of results has, in some districts been most noticeable in carnations, but there has also been, in many districts, a failure to get the rose crops which one might have anticipated from early conditions.

It has often been said, apparently with some justice, that generally the larger a greenhouse establishment becomes, the smaller are the sums taken for each square foot of glass. However true this may be, it does not account for the shortage in crops this fall, for the small places and the large have about the same story to tell. So, too, do reports agree as to results under the many styles of construction; only the most careful grower has had always the best results.

Trade Halts.

Trade has halted perceptibly this fall, but the country at large has not felt the change as have the principal cities, where the microbe of pessimism seems to have inoculated, here and there, a grower who was thought immune. As witness the following from a leading producer for the Philadelphia market: "I never like to carry my mouth in a sling," he writes, "but without any joking, things are serious. Crops have been light and what we have had has brought but little; it needs one's entire attention to keep one's expenses down and to make the most of it." Of course this comes from a man who, when he does a thing, never does it by halves.

The chrysanthemum growers did not fare as well as usual, partly for the reason that the warm weather in many sections brought on the bulk of the crop before outdoor flowers were out of the way and in the season of the first cut of roses and carnations. Some splendid novelties were shown at the autumn exhibitions and, despite low prices for commercial stock, it may be said to have been a wonderful season for the queen of autumn. The violet industry is in a way to sympathize with any one who complains of low prices. In the west Campbell predominates and quality has been poor. In the eastern district Marie Louise is grown, but the best of stock has not fetched old-time prices.

Store of S. Hoffman, Boston, Just Before Christmas.

New York Hardest Hit.

New York has suffered more than any other market, for in New York Wall street is the artery through which goes out much of the money to the veins by which it reaches the flower grower, but as the grower is, after the consumer, the foundation stone of our trade structure, so is the farm the source of our national

prosperity, and however disastrous to those immediately concerned may be the fall of the financial high wire walkers, yet it can have no far-reaching effect in the face of abundant crops. Chicago is more interested in the movements of the walking delegate of the teamsters' union than in the gyrations of the stock brokers. Pittsburg, the center of the steel industry, about which so much derogatory has been said, has been one of the best markets this season.

Great Crops the Panacea.

In the great west business has scarcely felt the stock value shrinkage, which ten years ago would have caused a financial panic. Seven years of big crops has put the western farmer out of debt and given him money in the bank. On October 9 the banks of the state of Kansas had in deposits over ninety-eight million dollars, over $60 for every man, woman and child in the state. This was before any considerable part of a wheat crop worth sixty millions had reached market and while a corn crop worth even more was standing still untouched in the fields. All the other western states are as strong financially. While not all had Kansas' crop of wheat (the total crop for the year was near eight hundred million bushels), nearly all had corn, and corn is really king in the west. With these great crops the west has money to buy manufactures of the east, both the east and the west pay freight to the railroads and the railroads pay dividends to the wealthy patrons of the fashionable metropolitan florists. With more money in the country, per capita, than this or any other nation ever had before, with the greatest crops ever known and Europe dependent upon us for much of her food supply, our trade is on solid industrial ground, well above the turbulent waters of Wall street.

The Prospect.

The year 1904 holds out every prospect of a long period of steady, prosperous business. Boom times are neither to be anticipated nor desired, but a chance for every man conducting an honest business to clear his legitimate percentage. Such general conditions may not make record prices in the florist trade, but they will insure a reasonable profit to the grower of good stock. It has already been demonstrated that the producer of goods of the best average quality is the one who gets the money; small roses, short carnations, colorless violets are all hard to sell.

Novelties are to be commended for attention. Chatenay rose has been a boon to at least two western growers. Sunrise has also served for several. La Detroit will be widely distributed this spring and the man who gets a good red will win a fortune, for both Meteor and Liberty are unsatisfactory.

Changing Trade Conditions.

Confidence is such that much money will go into buildings again this season. Many large cut flower producers will add more glass, believing that not one of the large markets is over-supplied, with the exception of the temporary overstock in New York. At the same time many new distributing points are springing up: Utica, Brampton, Cleveland, Minneapolis, Memphis, Kansas City, Council Bluffs, Denver and many smaller places which formerly called on older markets for stock, and do so yet for that matter. Also the retailer is adding glass that he may be more independent of the wholesaler, although the slackening in demand this fall has had a result in causing cut flower prices to fluctuate less violently and within narrower limits.

It would seem that while 1904 is to be expected to bring steady business it will be necessary for success that the grower put his plant in shape to produce a uniform grade of at least a fair quality of stock and so order his affairs that the cost of production shall leave him a margin of profit under such conditions as those of the past three months. Until then he would best engage in no new adventures. For the plantsman he might seek to improve the quality of his stock without greatly increasing its cost, rather than to increase its quantity faster than the increase in population in his territory. The store man will find the greatest profit in the end by seeking to make quality, taste and good service, rather than low prices the magnet which draws people to his store.

New Place of John G. Heinl & Son, Terre Haute, Ind.

HEINL'S NEW STORE.

The illustration on this page shows the new store and conservatory of John G. Heinl & Son, at Terre Haute, Ind. The place is still run under the old name by Fred G. Heinl, the founder of the business, John G. Heinl, having retired from the firm several years ago. The store is up to date in every respect, lighted by electricity, wood work finished in white enamel and gold, with the show window in white tile. Mr. Heinl has his residence above the store.

CHRISTMAS TRADE.

Taking all things into consideration, it is apparent that the Christmas trade was, if not the best on record, certainly much more satisfactory than the conditions early in the month would have warranted one in anticipating. Of course, there is, here and there, an unfavorable report, generally due to unfavorable weather or occasionally to some other influence, but on the whole business was very good.

Practically all the wholesale cut flower markets cleared up in good shape, but rose prices did not average quite so high as in previous years. The good stock brought fine figures, but the small roses were poor property. Beauties had been expected to be very plentiful but proved short of the demand. A noticeable feature was that in New York the price of Beauties was started away up and came down to the mark attained in Philadelphia and Chicago from a start considerably lower.

Carnations with color are always short for Christmas and an unprecedented scarcity had been predicted, but the quantities available proved a surprise in practically every market in the country. However, it was found profitable to maintain prices on all fresh colored stock and, considering that receipts were so very large, it should have been a Merry Christmas for the growers, even if the blizzard did hit them that night.

The violet growers were the ones who were disappointed. In many localities December was a slow month for violets and the producers hoarded up their cut and fairly swamped the markets the day before Christmas. The same story is told in almost every large city.

One pleasing feature is the evidence that growers generally are learning the folly of salting their stock. The greater the development of the flowering plant trade the more suicidal this becomes and pickling is no longer practiced save by those growers who have not yet seen the light. Unfortunately there are said to still be many such shipping into the New York market.

The plant men had a fine season. They had big stocks in prime condition and sold out at fair figures. The day is past when the retailers in the big cities will stock up with cut flowers. They provide a good lot of plants, on which they can make a nice profit, and let the wholesaler take the risk of carrying the general run of stock. Happily this year the retail demand was so good that the wholesale markets were mostly swept bare. But the call came at the last moment and it is an argument against excessively high prices on items in which there is no scarcity.

A BOSTON STORE.

The illustration on page 263 shows the store of S. Hoffman, 925 Boylston street, Boston, as it appeared on the evening of December 21. Mr. Hoffman is a New Yorker who, for the past four years has been with Julius Zinn, on Beacon street, Boston. He opened on his own account only two months ago and many thought that, being so close to Thomas F. Galvin's Back Bay store, his location was not a favorable one. The photograph shows that quite a stock was on hand for the holiday trade, but Christmas afternoon the store was all cleaned out and more stock might have been sold. Mr. Hoffman is also getting quite a nice run of decorating jobs.

Interior of Store of J. W. Dudley & Son, Parkersburg, W. Va.

ROSES.

New Varieties.

The prospects for the rose grower during the coming year apparently are bright and a great amount of interest will be centered in the cultural methods employed by reason of the many new varieties which are promised. During the past year and, indeed, since Liberty was put on the market, there has been no variety disseminated which has created any great furore. This year conditions will be more interesting. We will have the much lauded La Detroit, a variety which, if it lives up to its recommendations, will surely become a prime favorite. Yet when we recall with what eclat Belle Siebrecht made its debut and how swift its race was run we may be excused if we are the least little bit skeptical and shy. We can also recall how quietly and modestly Bridesmaid came upon the stage and how soon it became a standing favorite, a place it still occupies.

In a recent conversation with Mr. Hopp, the originator of La Detroit, he minutely described the rose, its habit, freedom of growth, length of stem, size of bloom, color and keeping qualities, all of which attributes should place it in the front ranks in commercial culture. It is easily managed, doing well under the same kind of treatment and temperature as Bridesmaid, and is expected to put that old favorite a little in the shade.

Mr. Cook, of Baltimore, has two seedlings as yet unnamed, one a pure white which is described as the largest white in cultivation, stems stiff, erect and blooms fragrant. He also has a red seedling of fair promise, the strongest growing of all the reds, large flower, very fragrant and which from reports has proved of easy culture under glass. Benjamin Dorrance also promises to put his new rose, No. 6, on the market. This is a free blooming rose with tea fragrance, stiff in habit and upright in growth, flower as large as a Bridesmaid, color clear salmon, shading to yellow.

The E. G. Hill Co., of Richmond, Ind., has a batch of seedlings of many colors and which show remarkably good qualities. Some of the reds promise to outstrip Liberty and few of us would regret if this eccentric fascinator was forced to get down and out. They have also a yellow which is reported to be sustaining a good character. There are also some good pinks which will undoubtedly be heard from later on.

Last but not least we will have Mr. Reinberg's sport from Golden Gate which he has named after our old friend, Uncle John Thorpe. As this has the same habit, character and free blooming qualities as its parent it needs no recommendation, its chief merit being its solidity of color as distinguishing it from that variety.

I notice that Mme. Chatenay is forging ahead and seems to be coming into favor as a standard variety, and will no doubt be grown more generally the coming season. Sunrise as an oddity still keeps its place in public favor.

Now there seems to be work and trouble enough ahead of us before we master all the cultural peculiarities of each of these varieties, but if we wish to keep up with the procession we must direct our energies to have the newest and grow them to as near perfection as possible, not necessarily in large quantities, as the almost prohibitory prices demanded for some of these varieties will restrain many growers from investing largely, but in sufficient quantity to make the study interesting and to determine their value under local conditions.

During the past year I have been greatly encouraged in my work by the expressions of approval and good will from many of our readers and feel rather happy at this happy season to know that my efforts have been of some benefit to those brethren in their trouble.

In the coming year as in the past I will (D. V.) continue my work with the same interest, and endeavor as far as my ability extends to aid by advice those who may desire it. That our present bright prospects may be realized, and that the ensuing year may bring happiness and prosperity to all is the sincere wish of

RIBES.

MUMS DAMPING.

We have sent you some mums that we are having trouble with. The varieties are Robinson, Eaton and Appleton. We benched them June 15 in rotted sods and mixed with bone meal. They grew nicely all through the summer and were six feet high by the first week in November, with large buds partly developed. But the outer petals start to decay. We have had bright sunshine every day for six weeks, and that made the mums grow quite fast, the temperature rising to 70 degrees in the daytime and 50 degrees at night. Kindly tell us why the outside petals decay. E. B.

It is late in the day to answer this query, since it has been lost in the mails for a month, but as a matter of courtesy to E. B. we would say that his troubles were what is known as damping of the flowers. This trouble was very prevalent this fall in many sections of the country and was due primarily to the warm weather, which made the flowers soft and susceptible to injury from the moisture condensing on the petals. When this appears I would recommend always to shade the glass by spraying some lime over it with a syringe. This will keep down the temperature and keep the sun off the flowers. Never close the house up tight when the flowers are developing, except in very severe weather. The chrysanthemum needs, when the flowers are finishing, a cool, dry moving atmosphere. Spraying should be stopped and only such water applied to the benches as is necessary to keep them moist. As a general thing the finer grown the plants the more susceptible are the flowers to damping and much care has to be taken when the days are warm and bright, as they were this year.

BRIAN BORU.

STOCK MUMS AND EATON.

My chrysanthemums are cut and I am needing bench room for lettuce. How shall I handle the old plants so as to get stock off of them for next season? Can I remove them from the bench? Also

Store of J. W. Dudley & Son, Parkersburg, W. Va.

please tell me why my Eatons did not open in the center but turned black.

L. H. W.

The plants may be moved from the bench and replanted in boxes or pots or planted closely together at one end of the bench, whichever may be convenient. There is no difficulty in handling stock plants if they are only placed in a cool house for the winter months. If room is very limited the cuttings may be taken off now and rooted in sand. Then the old plants may be thrown away entirely and the stock increased in spring by topping the cuttings rooted now. This latter course is preferable to setting the stock plants under the bench, somewhere where they are neglected entirely until needed in the spring.

With regard to the Eatons turning black, L. H. W. is only in the same predicament as many other growers. The weather was too warm and the flowers were very soft and spotted easily, the consequence being that many varieties suffered heavily. If his flowers were not spotted except just the center it is possible that L. H. W. had been spraying his plants too much after the bud showed color. The cup-shaped formation of the bud of Eaton is such that water lays in it and spraying should be stopped as soon as the bud shows color.

Brian Boru.

PRIMULA POISONING.

Several subscribers having recently written as to having been poisoned by handling Primula obconica, we reprint herewith notes as to remedies which have been published when the question has previously been under discussion:

One reader writes: "As to a remedy for poisoning by Primula obconica, would say I have been poisoned several times. I used Luytie's Pinus ointment as a local application and sulphur and cream of tartar to purify the blood. I used one-third cream of tartar and two-thirds sulphur, mixed well. Dose, one teaspoonful every morning in milk. Also take good nourishment. I have never known it to fail."

Another says: "Tell the sufferer to try good thick sweet cream well and frequently rubbed on as a lotion. This has with us proved a sovereign remedy."

A Connecticut reader writes: "It seems to me that the action of Primula obconica poisoning is similar to that of the poison ivy. The cure in both cases, as far as my experience goes, is a free application of tincture of blood-root. Apply the tincture with a sponge or clean cloth to the parts affected. I have known of several cures by this tincture where the poisoning has been caused by either the ivy or the primula."

"A few applications of peroxide of hydrogen gave me relief," writes a Pennsylvanian.

An alcohol solution of sugar of lead is recommended by the Department of Agriculture as an antidote for rhus poisoning. It will probably cure primula poisoning as well. An application of the juice of Impatiens fulva is said to cure rhus poisoning.

MISCELLANEOUS SEASONABLE HINTS.

Easter Lilies.

The new year will bring with it much work in the houses. Many crops have been disposed of, or shrunk in volume, and future crops will need attention. Of as much importance as any crop is the Easter lilies, both the Japan and Bermuda. I hear some growers still say that they like the Bermuda variety the best; that's because they may have some difficulty in getting the Japan-grown bulbs in time. Those that have the Bermuda bulbs up seven or eight inches now will certainly have no trouble in getting them in bloom by Easter, even in a night temperature of 55 degrees.

I know that some eastern growers do not care about getting their Japan bulbs into heat much before New Year's. If they are well rooted and have but an inch or so of growth at this time, they have no trouble in flowering them in time. To leave them in a cold frame till New Year's would have been, for us, risky this year, for we have had a most steady cold December. So we brought them in early in the month and kept them in a cool house and they are now not two inches above the soil and, if well rooted, that will do. From now on, for two or three weeks, give them 55 degrees at night; then increase to 60 degrees and the last month they will need 65 degrees. The degree of temperature must be governed by the condition of the plant.

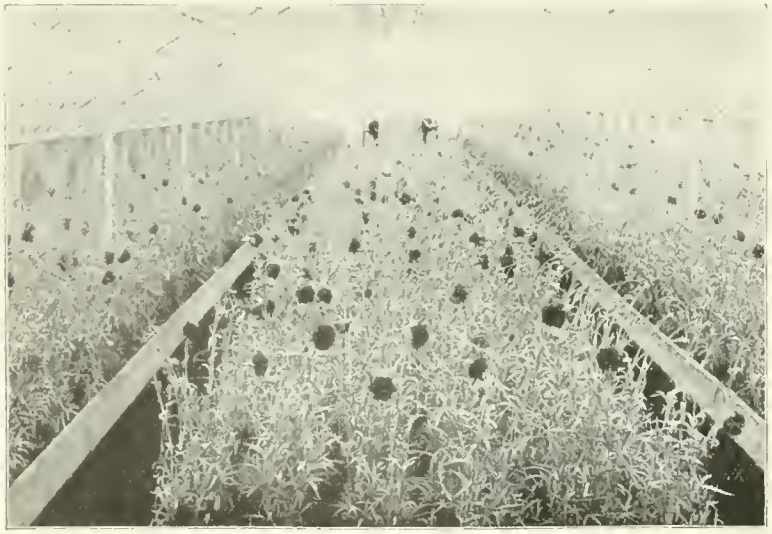
You cannot put a thousand lilies into a house at any given temperature and expect that the whole lot, or even half of them, will bloom at the same time. They will not; there will be a difference of several weeks. This is more noticeable with the Bermuda than with the Japan bulbs, showing that the Bermudas we get nowadays are a very mixed lot. So some handling, perhaps a good deal, is needed to get ninety per cent in bloom at the right time. I have found that these lilies do not like to be taken at once from a night temperature of 60 degrees and placed in 50 degrees. Unless their buds are about ready to open they will just about stand still, but it will be some time yet before that will be necessary, and I will remind you again.

No one has said positively what is the cause of the tips of the lily leaves turning brown. It may be the constant fumigating that is necessary and the slowly burning tobacco dust is preferable to burning stems. There is more nicotine and less hot smoke. There is, however, no doubt that the twisting and bursting of the buds is the result of a puncture by aphides when the buds are very small, and therefore a spraying with weak tobacco water into the heart of the crown of the thickly clustered leaves is essential before the buds are visible.

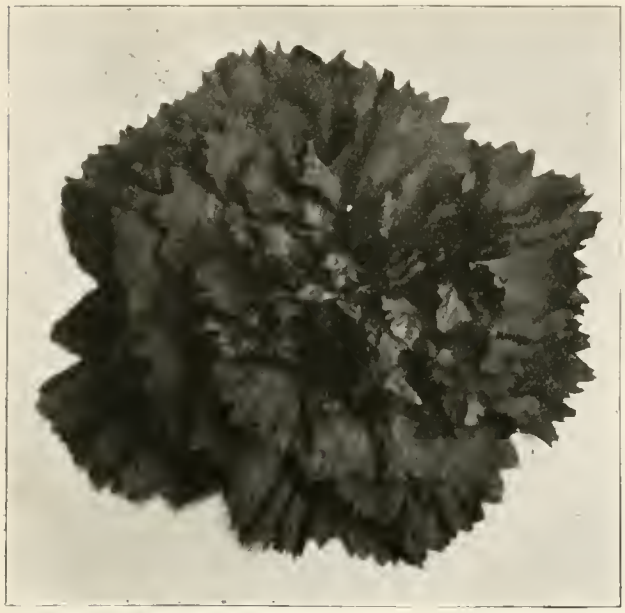
Dutch Bulbs.

Tulips and Von Sion narcissi can now be brought in without much fear of failure. The greatest essential to early flowering is that they be well rooted in the flats and those put into the flats soon after received will now be in this condition. For all of January and part of February a strong heat is necessary. It should be evident to all that the nearer you get to their natural flowering time the less forcing is required. This holds good not only with bulbs but with all the roots and shrubs we flower in the greenhouse.

Vermilion Brilliant, Yellow Prince, Cottage Maid, Proserpine and La Reine, among tulips, and Trumpet Major and Von Sion narcissi you are sure to grow and they will want a top heat of 80 degrees at least. Only those forcing large quantities have a house that can be called such a hot box as that, but you can, by putting some cheese cloth over them and hanging it down in front of the bench, easily confine the heat around them. I am supposing you have a bench with two or three hot water or steam pipes beneath it and you let the heat come up between the wall and the bench. They want no bottom heat; in fact, a strong



A House of the New Scarlet Carnation, Crusader.



Carnation Crusader.

Carnation Reliance.

Two of the Seedlings Originated and Exhibited by the Chicago Carnation Co.

heat at the roots, such as would result from slates, would be a detriment. They don't want their roots scorched. A strong, moist top heat is what they want and the shade of the cheese cloth will draw up the stems and this drawing up by shade is necessary until the middle of February, after which they make stem enough. Water copiously every day and if you are firing hard, spray once besides.

Lily of the Valley.

You can from now on force the newly imported roots. As I have had occasion to say before, the conditions for successfully forcing the valley are almost directly opposite those for tulips. The valley makes no roots; it is brought in perfectly dormant and by great heat at the roots the flower is forced up. Not less than six inches of sand should be in the bed for, little as the roots seem to do, they should have only their tips chopped off. If the sand is 85 degrees and the atmosphere 50 you will have about ideal conditions. The base of the pip should be even with the surface of the sand. We have covered the pips or crowns with sphagnum moss and left some uncovered and noticed no difference.

One of the most important features of the operation is that the edge of your bench should have a board hinged at the level of the sand and when you water the sand, which is daily, this board can be let down so that you can water the bed without wetting the flowers. For the first two weeks they can be watered overhead, but as soon as the spike appears only keep the sand moist.

Above the level of the sand the boards on all sides should be one foot higher. The first two weeks we cover with a shutter made of ½-inch boards. Then we use in place of the boards a frame of cheese cloth and for the last few days, unless the sun is strong, nothing at all, as full daylight gives color to the foliage. There were many experiments and mistakes made in forcing this dainty flower and perhaps the writer does not know it all yet, but we know that a warm, wet sand and cool top, keeping water away from the buds and flowers are the great essentials.

By putting in a few hundred or few thousands, according to your wants, every week without a miss you will have valley till it is in flower out of doors. If you should be going to rig up a bed to hold a few thousands, don't let it be in a house that perhaps in March you will want to run up to 70 degrees to force some belated lilies. If you do your valley will be a failure. Keep a cool top.

Lilacs.

It is very nice to have a few white lilacs from now on. They are easily brought into flower if you have the temperature, which for some weeks yet should be 70 degrees. Keep them well sprayed till they show color.

Shifting Geraniums.

One of our most important jobs at New Year's is to shift our zonale geraniums from a 2-inch to a 3-inch. Some may consider this a waste of labor and may keep them in the 2 or 2½-inch till the middle of February and then shift into 3½ or 4-inch, their last shift. We think the shift now into a 3-inch pays well. They will take up little more room and be much stouter and more vigorous and by the end of this month will give us, the most of them, a cutting, "a little piece off the top." And by this shift now their roots are active and they break strong and sturdy and the final shift into 4-inch, when they will want lots of room, can be deferred till after Easter.

Rambler and hybrid perpetual roses will want starting soon, but they will wait a week. WILLIAM SCOTT.

CARNATION NOVELTIES.

The accompanying illustrations show two of the Chicago Carnation Company's novelties. Crusader is the scarlet which showed up so well at the last Chicago Florists' Club exhibition. Mr. Hartshorne says, in speaking of this variety: "We did not claim great for it as an exhibition variety, but now it seems there is nothing in sight that can equal it in this respect. The color is even, there being no white spots on it at all. Mr. Wienhoeber, of Chicago, who handles the blooms, claims it to be the ideal shade of scarlet for his trade, it being more of the old Portia color than the Adonis." The photograph of the house also reproduced here shows a very fine growth and a big crop of buds.

Reliance is their new white, a very regularly formed flower and a free as scored 90 points on several occasions, but Mr. Hartshorne says it is no more than justice to state that in the recent cold, dark weather, from 10 to 20 per cent have bursted.

VIOLET GROWING.

Violet growing is something that every florist must have a try at before he can be content, and it is a business which many a woman, and man, too, believes can be engaged in without experience but with quick success. To the latter the article on Violet Growing as a Business, by B. T. Galloway, published in the January issue of Country Life in America, will probably be an encouragement to make the experiment, although Prof. Galloway cannot be charged with not having sought to point out the difficulties and the chances of failure.

Prof. Galloway is chief of the bureau of plant industry in the United States Department of Agriculture and author of Commercial Violet Culture, the standard work on the subject and now in its second edition. The article under review deals with the writer's experience in company with P. H. Dorsett in building the violet growing establishment at Garrett Park, Md., now conducted by David Bisset. The aim is primarily to interest the amateur reader, but many points covered are of interest to the trade grower.

Beginning with twenty hotbed sash, the first step was to buy stock from the advertisers of "cuttings." "We found," says Mr. Galloway, "that they could be purchased all the way from $5 to $20 per thousand, but we did not find, until a year later, that the $20 cuttings were often many times the cheapest. They were really divisions of

the old crowns and had not been rooted in sand at all, as should have been the case."

The first year's expense, including material for a house 20x60, was $130, and the receipts $260. The next season $410 was spent and $640 received. The third year $250 was the outgo, no additions being made to the glass, and the income was $1,220. The fourth year a new house was built and expenditures were $430, with receipts of $2,700. All the work of building, etc., was performed by the partners to the venture. The sash bars, etc., came from a western firm, for "we found we could get the material and have it shipped a thousand miles cheaper than it could be made for us by local dealers."

The article shows that in the second year, with average commercial stock, 916 plants of Marie Louise gave 21,215 flowers, or an average of slightly more than twenty-three to the plant. At the same time 1,895 plants of Lady Campbell gave 97,485 flowers, or more than fifty-one per plant. But the most interesting feature to the trade grower is the success which attended the use of sand-rooted cuttings taken from carefully selected plants. The best 200 plants were marked with a wire stake to which a shipping tag was attached for recording the cut. With the use of this stock and a very small increase in the number of plants the returns were practically doubled. The next year cuttings were taken from no plants which did not give at least seventy-five flowers, and there was a still further increase in crop. This is a point worth the thought of every grower.

Mr. Galloway does not seem to have enjoyed more than a mild experience with the many ills which ruin other growers' crops almost in a day. He says he found red spider to be controlled by the hose. Heavy fumigation with tobacco killed aphis, but brought on spot. Cyanide gas was found the best fumigant after its use was thoroughly understood. But perhaps Messrs. Galloway and Dorsett did not lack in the foresight and attention to little things, which they say is at the bottom of most failures in violet growing.

To the mind of the average trade reader one sentence in Mr. Galloway's very interesting article fails of the proper emphasis. It is this:

"Thomas Devoy & Sons are pioneers in the business and have gone on successfully from year to year, although others about them have *succeeded for a while and failed.*" (The italics are ours.)

"Succeeded for a while and failed." There's the rub. Far better were it if failure came in the beginning, when the place is small, the loss light and youth and ambition remain to seek success on some road where the end is not almost certain discouragement.

FREDERIC W. TAYLOR.

The chief of the departments of agriculture and horticulture at the St. Louis World's Fair was born in Nebraska in 1860, and, though widely traveled and having spent two and a half years in the Pan-American Exposition in Buffalo, is essentially and always a typical western man, with the energy and push which that term implies. His father, William Taylor, was a well-known nurseryman in western Iowa, and almost immediately upon reaching his majority the son embarked in the business for himself, at the same time managing a large stock farm. In 1887 Mr. Taylor was, without any knowledge on his part that he was being considered, offered the professorship of horticulture at the University of Nebraska. This position he accepted and held for several years, at the same time carrying the organization and management of the farmers' institutes of the state and of the extension of the university.

Frederic W. Taylor.
(Superintendent of Agriculture and Horticulture, St. Louis Exposition.)

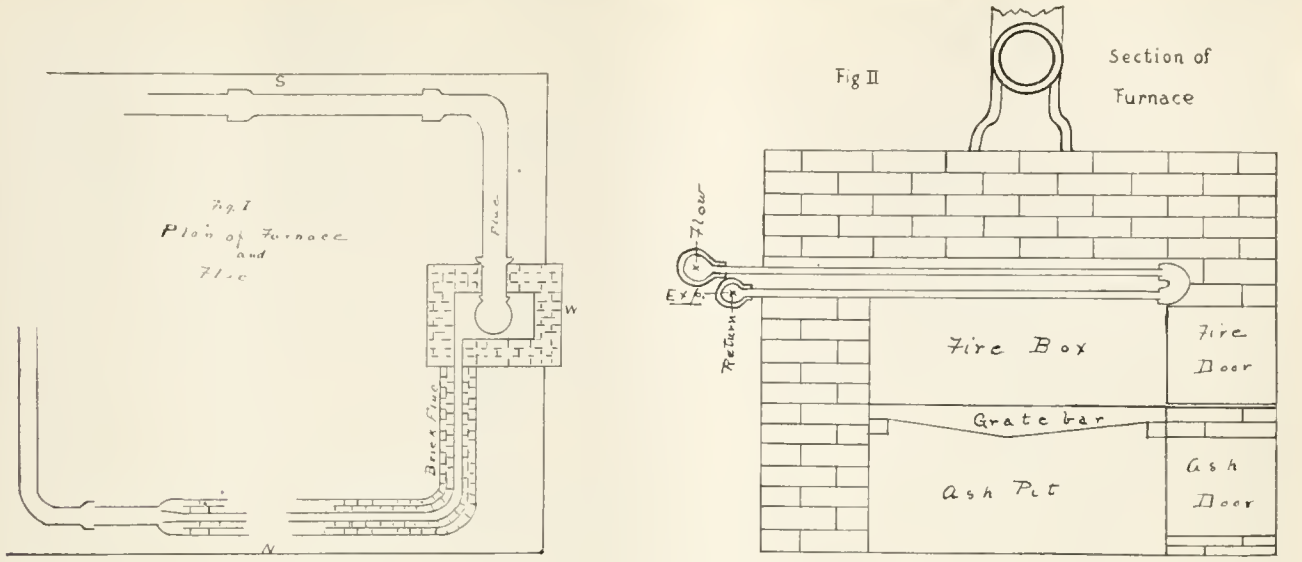
At the Chicago World's Fair Mr. Taylor had charge of the Nebraska horticultural exhibit, which the chief of the department wrote to him was not, in his opinion, excelled by any exhibit there when the amount of funds available was considered. A year before the Trans-Mississippi Exposition opened in Omaha in 1898 Mr. Taylor was appointed superintendent of agriculture and horticulture. It is doubtful whether as good a purely agricultural exhibit has ever been made in this country. Mr. Taylor insisted upon the use of the agricultural products, grains, grasses, etc., in the installation, to the exclusion, so far as possible, of mere showy furniture and carpentry work. The result was astonishing and most satisfactory, as showing the fine results easily obtained by the artistic use of the materials mentioned.

At the Pan-American Exposition Mr. Taylor was the first exposition man secured. The committee on concessions requested his appointment, and he was placed in charge of that department nearly two years before the opening day. When the director-general was appointed he desired to place in Mr. Taylor's charge agriculture, horticulture, forestry and live stock, but the concessions committee was not willing to release him from their department. So a compromise was effected, under which he became director of concessions and superintendent of horticulture, forestry and foods and their accessories. The exposition sent Mr. Taylor to Paris to gain some desired information, and he has made several visits to Europe and Mexico.

In spite of the fact that the exposition was a failure financially, Mr. Taylor's acute business ability is well illustrated by the fact that the concessions produced at least fifteen per cent more money to the exposition in proportion to the paid attendance than did the same department in Chicago, which held the previous record. The horticultural exhibit was one of the pronounced successes of the exposition, and was largely due to the foresight exercised by the superintendent in selecting his lieutenants and arranging for the splendid plant exhibit outside, for the cold storage of fruit of the previous year's crop, that the exhibit might be full and complete during the entire period of the exposition.

At the Louisiana Purchase Exposition will be presented by far the greatest opportunity of the world's history to make a magnificent display of the products of the soil, and Mr. Taylor is enthusiastic in the belief that as the possibilities become apparent those who must be depended upon to do the greater part of it will not only rise to the occasion, but in every way surpass anything ever done in the history of expositions. The success of the horticultural department is beyond question, all the leading firms having already applied for space and a great quantity of outdoor exhibits being already in the ground, with everything adding to the number.

Port Madison, Ia.—On the night of December 21 fire destroyed Carl Boll's carnation house and badly damaged the rose house, destroying much stock. The loss is estimated at $2,500 and no insurance.



Plan for Furnace and Flue with Hot Water Coil in Fire Box.

FURNACE AND FLUE.

I want to heat a greenhouse 18x50 feet, even span, running east and west, no glass in ends or sides. The side walls are four feet high and the roof is at an angle of about 35 degrees. A night temperature of 50 degrees is necessary when it is 10 degrees below zero outdoors. I want to use a flue and would like full directions for building both furnace and flue.

I also want to heat an adjoining greenhouse 10x20 feet, glass in one end, roof at an angle of 35 degrees, even span, side walls four feet high. Here a night temperature of 60 degrees is needed. I want to use hot water to heat this small house. How can I arrange pipes in the furnace in the larger house to heat the small one? Also how many and what size pipes will it take to heat the house?

E. W. H.

While the flue is not to be recommended where other plans of heating can be afforded, the house in question can be heated by a flue and furnace constructed as shown in the sketches, Fig. I and II. Locate the furnace at the west end of the house. Dig a pit about four feet wide and two feet deep extending at least five feet inside the greenhouse and any convenient distance on the outside. Construct a drain of tile on boards to carry off any surface water which might get into the pit. In Fig. I a plan of the furnace and flue is given. The furnace extends about nine inches outside the greenhouse wall; has walls thirteen inches thick, nine inches common arch brick lined with fire brick. For this building the furnace should be three feet long by one foot eight inches wide in the clear on the inside, which gives the furnace five square feet of grate surface. An ash pit eighteen inches deep, counting from the top of the grate bars, should be provided. The fire box should also be at least twelve inches in height from grate surface to position of the 1¼ inch pipes shown in Fig. II, which should be connected at the front of the furnace with return bends and at the rear with cast-iron manifolds. One pipe of each of the five pair should be carried into a manifold to receive the return water and one from each pair carried a little farther back into a manifold to receive the flow pipe which is to heat the 10x20 house. The flow had best be 2-inch pipe. At the end of the manifold "T" on the returns marked "exp." in Fig. II a ¾-inch reducer should be placed in the end of the manifold and into this screw a street "L" which should carry a ¾-inch pipe leading to the peak of the greenhouse and into the bottom of an expansion tank which should hold ten or fifteen gallons. A second-hand steel water tank is ideal for this purpose. The 2-inch riser or flow pipe can be carried from the heater directly under the benches in the 10x20 house and thereby a manifold be broken up into four 1¼-inch pipes running around the house and again uniting in a manifold at the opposite side of the house. The cooled water would be returned by a 1¼-inch pipe to the manifold at the rear of the furnace marked (ret) in Fig. II. The heating surface in the furnace will be made up of ten 1¼-inch pipes running from end to end of the furnace as shown in Fig. II.

The flue should run entirely around the house and discharge into a chimney built on top of or by the side of the furnace. The throat of the flue should be four inches wide and about ten inches deep at the end near the furnace and will be most convenient if taken off at the side of the furnace, as shown in Fig. I. For the first thirty feet the flue should be made of brick four inches and lined with fire brick set on edge, thus making a 6-inch side wall, which should be capped with a layer of fire brick and jacketed with common brick. From thirty feet on, the flue may be made of ordinary 8-inch terra cotta pipe, using elbows at the corners and packing the joints thoroughly with the best cement. The earth or supports for the flue should make a uniform grade around the house and have a rise of at least two feet in the distance, which will be about 110 feet. A "T" joint of terra cotta pipe can be placed on top of the furnace at the proper height to receive the end of the flue, and by extending the perpendicular portion of the terra cotta pipe the chimney can be made.

L. C. C.

HARTFORD, CONN.—Christmas trade was very heavy and the weather is very cold, below zero, which does not give the greenhouse men much chance to rest up.

THRIPS ON FICUS.

We have in our collection a large rubber tree six feet high which I think is diseased, as enclosed leaf shows. Kindly give me advice as soon as possible in the REVIEW.

R. T.

The leaf in question does not appear to be diseased, but has been injured by a bad attack of thrips, there being abundant evidence of the work of these troublesome insects. Unless there are some tender plants in the same greenhouse that may be injured by strong tobacco smoke, I would suggest, as the easiest method to get rid of the thrips, a strong fumigation with tobacco dust, or Aphis Punk on two or three evenings in succession.

If not convenient to do this, the plant could be carried out into the potting shed, then laid upon its side on the bench or floor, and given a thorough syringing with strong tobacco water or solution of tobacco soap, turning the plant around in order to reach all the foliage with the insecticide. From the fact that it is not easy to reach all the insects with one application, it may be found necessary to repeat the dose.

W. H. TAPLIN.

A VISIT TO SYRACUSE.

That wonderful carnation, Flamingo, needs no praise from me, but never having seen it growing I was glad to step off a fast train and take a trolley to Delaware street, Syracuse. While waiting for the car who should be waiting on the opposite corner but C. W. Ward; very strange but all the more pleasant. We found Mr. Marquisee and several assistants very busy with designs, etc. Yet I know he was glad to see us and soon we had viewed several houses of Flamingo, one house allowed to flower, the others stopped back for propagating. To me the house that was devoted to flowers was a most beautiful sight. Most of you carnation specialists have seen the blooms of Flamingo, but only a few have seen it on the benches. The writer always carries a two-foot rule in his revolver pocket and a number of the stems were measured. They would average from soil to flower three feet. This would give you a 30-inch stem without crippling the plant. Surely that is stem

enough, and they hold the flower up perfectly. While some of the largest flowers measured over three inches, you might call it a plump 3-inch flower. There is no stubby slow growth or useless grass about Flamingo, every growth runs up to a flower. I saw no bursted flowers or buds. Perhaps when cut the color of the foliage may not be of particular value, but as a growing plant the habit and deep bluish green of the foliage gives it a rich appearance. There may be some other scarlet carnations coming on, aspirants for fame, but I have not seen them and the sight of these beds was to me as much an advance over any scarlet carnation I have ever seen as Enchantress is over old Morning Glory. It is only justice to say the grand stems and flowers and general vigor I saw were produced without the slightest stimulant, either of surface dressing or liquid manure.

Albatross is a splendid free white and, as we saw it, would be a most profitable variety and Mr. Marquisee said it was lifted late, not that it wants that treatment, but it was "a case of force."

Sunbird we did not see, as it is grown at another establishment, and before Mr. Marquisee and Mr. Ward had finished discussing the art of propagating, the shade of evening had closed over us and there was only time to partake of Mr. Marquisee's kind hospitality and then take the west bound train.

Now, as I said at the start, these carnations need no praise from me. Their sale is enormous, as has been noticed in the press, but I must add that never have I seen a more healthy, ideal lot of cuttings in the sand and the 200,000 or 300,000 there will go quickly; and the almost nervous anxiety, not for more orders, but to fill in only a first-class shape the orders he has, is refreshing and somewhat unique in the distribution of new varieties. Mr. Marquisee will fill his orders and fill them well. W. S.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

M. H. Walsh, Woods Hole, Mass., submits for registration the following new roses:

Minnehaha, a hybrid between Wichuraina and Paul Neyron; flower double, about two inches in diameter; color pink; profuse bloomer; foliage glossy, large, nine petioles to each leaf; growth vigorous.

Hiawatha, a hybrid betewen Crimson Rambler and Paul's Carmine Pillar; flowers single, shell shaped, in large clusters, remaining on plant for fully three weeks; petals crimson, tips scarlet, base white, foliage very dark, glossy, growth vigorous.

Wm. J. Stewart, Secy.

A CARNATION NIGHT.

At the last regular meeting of the Florists' Club of Philadelphia, it was, on motion, agreed to extend an invitation to all carnation growers to send their novelties to the next regular meeting of said club, to be held Tuesday, January 5, 1904, so that Philadelphians may carefully look them over and note how good they are. The members always turn out in goodly numbers on these red letter day occasions, and it will naturally be a mutual advantage to owners of novelties and the purchasers of the same to bring or send them to this meeting. It was at Philadelphia that the uplifting of the divine flower first took definite shape and the good work is still going on.

By forwarding the flowers by express, prepaid, carefully packed, in care of David Rust, of the club room committee, Florists' Club of Philadelphia, Horticultural Hall, Broad street, below Locust, Philadelphia, Pa., same will be received in due course and properly taken care of. Don't forget the day and date, namely, Tuesday, January 5, 1904.

Edwin Lonsdale, Secy.

AN ADDRESS TO UTICANS.

William Scott journeyed down to Utica, N. Y., December 16, and this is what one of the local papers said of the club meeting that night:

About forty members of the Utica Florists' Club met at Maennerchor Hall last evening and listened to a very instructive talk on the art of growing carnations, by William Scott, of Buffalo. Mr. Scott is a carnation grower of national reputation, and florists enjoy the privilege of bringing their problems to him for solution. Among those present last evening were members of the club from St. Johnsville, Little Falls, Herkimer, Rome, Barneveld and many other points. Mr. Scott's remarks were interspersed with anecdotes which were enjoyable, as they were appropriate. He said in part:

The cultivation of the carnation has had much attention for the past ten years. Several books have been published in regard to it. The latest is that of C. W. Ward, who has done a good thing in following out pedigrees. By his system of crossing he seeks to produce certain colors. His method of culture does not differ materially from that of most other people. But some of the best carnations have been raised haphazard. Ward's book deals largely with sub-watering. This may do for radishes, but I don't believe in it for roses and carnations. Young Guenther, who is one of the most successful rose growers in Buffalo, made an experiment which showed that those grown on a brick foundation were best, those on benches next, and those by subwatering last.

Of the thousands of seedlings that are annually thought good enough to grow, the great majority are not in it after the third year. They develop diseases and are carried to the rubbish heap. Propagation by cuttings is not raising a new individual, but is dividing an old variety. In our treatment we do not give these cuttings natural or favorable conditions. The carnation is not indigenious to this country. Where it is native it has a rest in winter, but we give it no rest at all. We grow it from everlasting to everlasting and that is the cause of weak stems, bursting and other ills.

It is pretty well understood now that early planting is the thing. Formerly if we lifted them the last week in September or the first week in October we thought we were doing pretty well. Then all were short-stemmed. Now we have a long stem and a fine flower. But they get no rest at all. I think it is the same with roses. They also play out from continual propagation under artificial conditions. The greatest cure, or rather the greatest preventive against this playing out, is to give them natural and rational conditions and rest.

The carnation has lately been showing signs of decay. Of the thousands propagated, but few hold their place and the only remedy for this is early propagation. The first week in August is late enough to lift and bring into the houses any carnations. Perhaps by the middle of November or first of December they are rooted. Then they are placed out on flats or benches. After they are rooted in the flats put down the temperature on them to 40 degrees. About the middle of February put them in three inch pots and then subject them to right down cold treatment, 38 or 40 degrees, and keep them there through February, March and April. That will give them three months of natural rest and that will be the secret of making them healthy. That is the best way to raise your stock. Propagate early and give two or three months' rest and you bring them back to their natural conditions.

As to new varieties, a good scarlet is needed. We have a good one in Marquisee's Flamingo. Ten years ago Mr. Marquisee was hardly known among carnation growers, but he is lucky in having brought out in two years two such wonderful carnations as the Marquis and Flamingo. Mr. Marquisee was originally from Utica, but in Syracuse, when he brought out the Marquis, he perpetrated this: "I have come to Syracuse and have made my mark-you-see!" Of late there have been altogether too many varieties.

To propagate it is best to keep the temperature at bottom to 60 and the top heat at 50 degrees. Boards are rather cold. I believe there is nothing better than tiles. I have a nearly flat tile two inches thick, covered with sand and the temperature is about 60, and that of the atmosphere at night about 50 degrees. I believe these are the right conditions to root carnations. Don't stimulate too much. A temperature of 60 encourages root growth; anything above 50 for the top is harmful. Is it better to plant them in the field or to keep them inside? There is always a demand for carnations, even in October and November. It is better to have carnations from October through December than to have them in April, May and June.

The speaker gave it as his opinion that it is better to grow carnations under glass all the year than to set them out in the garden in the summer. He held this to be true not only of the Prosperity, Lawson and the finest varieties, but of all varieties. He said: I used to think that two or three months out of doors gave them stimulus, but I don't think so now. If they are kept till May 25 or June 1. I think you will get better results than in any other way. You will get so many more flowers at Christmas, when you want them. If planted in the field in summer there is sure to be a check, especially if there should be little rain in June or July.

The carnation grows in all kinds of soil. My neighbor, W. J. Palmer, grows them in stiff clay as well as anywhere. The fattest, biggest, ripest and best carnations grow twenty miles outside of Chicago in fat, black, prairie loam. If I had the choice of soil, it would be a heavy loam approaching clay, the ideal soil for roses. There is much disintegrated lime in the soil where I live and we do not suffer from stem-rot.

If you force certain varieties, they will produce more flowers, but they will be smaller and the stems weaker. As to temperature, 50 degrees at night will do, but in the day time it should be 65. The temperature in the daytime will depend largely on how light the house is. The more light, the higher temperature they will stand. At this time of year, as long as it is light, your houses will stand a temperature of 70 to 75 degrees.

As to diseases, rust is spread by syringing. In all diseases of carnations, prevention is better than cure. When you syringe carnations the pores close. Do not syringe the plants all winter. After April it may be all right. If there is any disease in your carnations, the best way is to get rid of them and get new ones. Water is a great spreader of all fungous diseases and spores. Often growers lose many carnations on account of their being planted too deep. This will kill a maple or sycamore, but an elm will stand it.

It is pretty near time we got through building wooden benches. I use low benches made of brick, filled in with rubble and covered with tile on which there are six inches of soil. In a modern built house like that of Peter Crowe, the tile benches are best and you get just as much light.

Why should not carnations be as salable as roses? They are as beautiful, fragrant, lasting and sweet as any flower. In Buffalo they bring a dollar a dozen for most varieties and $1.50 for several. The wholesaler must get from $4 to $6 per hundred for them before they will pay and they never should go less than $4 per hundred at wholesale. As refinement and culture spread, the use of flowers will increase. They are as appropriate at the birth and marriage as at death and they are no longer a luxury, but a necessity.

Mr. Scott was then bombarded with questions. In answering these he said he believed in iron gutters if they are made of cast iron. He is also in favor of butted glass, provided the location is one where the smoke of manufactories does not prevail. Overhead heating is a humbug.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

IXORAS.

These gorgeous flowering and handsome hot-house plants are easily grown, requiring little or no training, being generally of a compact bush form. The flowers range in color from the most intense searlet, through all the shades of pink to yellow and pure white, while many of them are deliciously fragrant. As a cut flower they possess fine keeping qualities, keeping, if given fresh water daily, for two weeks.

As pot plants for parlor or conservatory they are unsurpassed, many of the varieties flowering freely even in 4-inch pots and continuing to bloom for months. By a careful selection of varieties which flower at different seasons, and careful culture in hastening or retarding, a display can be made at almost any season. They are of quick growth, easily propagated, easily grown, and are altogether one of the most attractive class of hot-house shrubs.

Their insect enemies are mealy bugs, scale, red spider and thrips. Requiring a high temperature these pests, if not kept in subjection, propagate rapidly, and create a deal of damage. A liberal and forcible use of the syringe is the most adequate method of keeping them clear of these pests.

They require a fibrous heat soil with one-third of leaf mold added and about one-fifth of clean, sharp sand. This should not be pulverized, but must be packed firmly around the ball. During the growing season they should have a night temperature of 80 to 85 degrees, with a day temperature of 90 degrees with a very light shading.

As soon as they have completed their growth the shading should be removed and the temperature lowered, but it should never be allowed to fall below 60 degrees. They can be kept at this temperature indefinitely, without incurring any risks, but when wanted to bloom they must have a temperature of 70 degrees or over to fully develop the truss. At this temperature they will continue to bloom for six months, so here we have a plant which will actually be in bloom more than half of its existence.

Care must be taken not to overpot, as they produce their best blooms when the pots are full of roots, and as they require large supplies of water at all times the drainage must be perfect. They respond quickly to liquid feeding, especially when forming the flower truss, and if this is carefully attended to at this stage the size of the truss can be largely increased and the colors of the flowers much intensified.

Propagation is effected by cuttings from half ripened wood in sand. A bottom temperature of 80 degrees, with plenty of moisture in the atmosphere are desirable. When the cuttings are rooted they should be potted in 1½-inch pots, using the same kind of soil as recommended for the older plants, but it should be finely pulverized. They will now require a temperature of 80 degrees. When the roots have pushed to the side of the pot they should be gradually exposed to the light with a gradual reduction of the temperature till it reaches 70 degrees.

The varieties suited for commercial work are: I. acuminata, pure white; I. Chelsoni, orange salmon; I. Colei, pure white; I. Decora, yellow; I. Dixiana, dark orange; I. floribunda, reddish scarlet, and I. odorata, white and fragrant. They are easily seeded and many hybrid seedlings far surpass their parents in form and brilliancy of flower, but are very unstable in character.

RIBES.

ORNAMENTAL FOLIAGE PLANTS.

The following is a paper by John Thatcher, gardener to Edwin Le Boutillier, read before the Pennsylvania Horticultural Society:

Under this heading we have one of the most beautiful and varied class of plants cultivated under glass, which I am pleased to say are becoming more popular in this country. Let us hope the day is not far distant when every establishment in the United States will have a stove or foliage plant house. One might ask, what is more handsome than a well-grown croton, maranta or dracæna? And also to what advantage they can be used in the summer time when garden parties, receptions, etc., are held at which the florist does the decorating. They can be placed in shady places on the lawn and porches, also used in the mansion for the afternoon and evening, and they will not be in the least injured. I have heard many exclamations of surprise from ladies on seeing these plants thus used, remarking how much more beautiful they were than the common palms. During the winter anyone having any liking at all for plants can spend hours in a house of well-grown foliage plants.

The cultivation of this class of plants is very easy, providing one has a good house to grow them in. We have found that a good rest, say from about the middle of December to the middle of February, is very beneficial. During those two months we rarely have the temperature over 55 degrees during the night. The plants are kept on the dry side, and it is very rarely that they ever look worse after their rest. From that time on we advance the temperature a few degrees each week so that by the middle of March we try to not let it fall under 70 degrees. Air should be given during all favorable weather; a small crack each day during the winter will do a great amount of good in sweetening up the atmosphere, if only admitted for ten minutes. As the days get warmer more air will have to be given, but always from the top. We never use the side ventilators, as if used they dry up all the moisture. I am a great one for getting air on early in the morning and closing up again very early in the afternoon. I will say here that the best plantsman I was ever under would have full air on the stove plants by 8:30 a. m. during the summer months and would always have it closed up again by 1 p. m., and the syringe going freely, and can say we were never far from the blue ribbon at the exhibitions on that class of plants.

Shading is a very important feature in the welfare of these plants. Some varities, such as crotons or dracænas, will be benefited by a good amount of sun; then take the maranta and alocasia, if given sun all the color will go. We always try to get all plants that like the most sun on the sunniest side of the house, and all that do not like much sun in the shadiest spot. For shading we use white lead and coal oil, and we only have to put it on once during the season. But the ideal shading is some kind of canvas on rollers that can be pulled up and down with ropes, and then it will only have to be used on sunny days. We commence shading about the first of March.

About the first of March is also a good time to commence potting. All plants should be examined; some will not require repotting, but I have found it a good plan to look to the drainage, as imperfect drainage is one of the most serious things in the cultivation. Those that do not require repotting should have some of the old soil taken off the top and a good top-dressing given with good rich soil. Others perhaps will want most of the old soil shaken off and then put back in the same size pots, which should be quite clean and well drained.

Propagating is much the same as for all other plants; but to secure good plants of some varieties they should be mossed, and after well rooted taken off the old plant, but they will then want to be kept very close for a few weeks. Other varieties with creeping rhizomes, such as marantas, will have to be divided to increase their numbers.

I must say that many are not quite as particular as they should be in respect to soil. We use the old rotten sod, leaf mold, rotten rock sand, good dry cow manure and a small quantity of charcoal for nearly all varieties, but for marantas we add quite a portion of sphagnum moss. Peat we use very little of, as I consider good leaf mold far superior. I can say that some of the best dracænas I ever grew were grown in nothing but sphagnum moss, and fed with Clay's fertilizer, which I like best of all, as it has given me more satisfaction than any other.

GARDENING UNDER GLASS.

[Paper read before the Kew Mutual Improvement Society, January 5 1903 by Mr. W. Watson, curator.]

Water.

"It is a fact that the older a gardener grows, the more care he takes in the watering of his plants; for year by year his experience teaches him more definitely that careless watering is the indirect, if not the direct, cause of a very large number of the diseases of plants. The difficulty in watering lies in the fact that plants require various amounts of water, according to their species, their age, their situation, the season of the year, and their actual state of health or development. The amount of water which is sufficient at any given time may be very much too large a month later, and may therefore cause considerable injury."—SORAUER.

Water forms not only the bulk of the plant itself, it is also the medium by which all the food-salts from the soil, and essential to growth, are supplied to it. These salts are made available by the action of water, as they can only be absorbed by the roots in the form of aqueous solutions. In addition to the water retained by the plant for purposes of growth, large quantities also pass through it and evaporate through the leaves, in much the same manner as most of the water supplied to the soil in watering a plant after passing through the soil escapes through the hole at the bottom of the pot. Kerner describes this process of transpiration as a perpetual stream running through the living plant whilst growth is active, and points out that the supply of water must be regulated with exactitude if the nutrition is not to be disturbed or development hindered.

A healthy plant requires a larger supply of water at the root when growth is vigorous, than it does when growth is

nearly or quite at a standstill. We do not always, however, in practice make that difference in the quantity supplied which this knowledge should lead us to make. On the contrary, many gardeners appear to believe that the soil about the roots of all plants in leaf should always be wet. The injury that results from this is due largely to the fact that soil requires aëration if plants are to be healthy in it, roots requiring to be supplied with fresh air just as much as the upper portion of the plants do; for all the living parts of a plant breathe, obtaining oxygen from the air as animals do, and when they cannot obtain it they are suffocated and die. Now, if the soil is always saturated with water, air cannot get to the roots; moreover, acids, and other injurious compounds, are formed in the soil, and these act as poison to the roots. It is the craving for fresh air that causes the roots of a plant to cling to the inside surface of a pot, and to creep down amongst the drainage, where the supply of air is greater, as a rule, than in the soil itself.

The injurious, and often fatal, results of excessive watering are not always recognized, and are too often set down to some other cause.

More harm is done to plants by overwatering than by the other extreme; this is especially the case in winter, when the conditions are unfavorable to growth. The sickness and death so prevalent among plants in that season are largely, if not entirely due to excessive watering.

A comparison of the usual condition of the soil in which plants make healthy growth in the open air with that of pot-grown plants under glass will show that, although the supply of water in the former case is not excessive, yet growth is healthier and better in every way than that made under glass. A rhododendron or a bedding pelargonium growing in the open border is rarely, if ever, saturated at the roots, the water passing away too freely for this to happen, even in wet weather; and yet they grow and flower better than when grown in pots and regularly watered. The careful cultivator weighs all the conditions that affect growth: when the light is defective and the temperature low, growth is sluggish or quiescent, and the water required by the plant is then little or none.

The nature of the plant itself must not be overlooked. Some plants, particularly those that have fleshy roots and large leaves, will do with a liberal allowance of water at all times. Succulent plants, the leaf structure of which is such as to prevent loss of water from transpiration, may be kept dry at the root for long periods without suffering, although when they are growing vigorously under the influence of bright sunshine they enjoy copious supplies of water. Generally, plants with small leaves and fine hair-like roots, require careful watering at all times.

"All perennial plants have a period of rest. It is either the cold which stops all vital processes, or, as in tropical regions, the excessive drought of the hot season. During this latent period plants require very little nourishment, and even those greenhouse plants which retain their green leaves require an infinitesimal amount of water and of nutritive salts." Good cultivators of orchids recognize the need of this period of rest for all orchids, after new growth has been made, the duration and nature of the rest being varied according to the nature of the plant. Thus, a dendrobium which, while growing, revels in water, requires a long, dry rest after growth has been made; whereas an odontoglossum is sufficiently rested if the supply of water is withheld from the roots for a month or six weeks. Many plants appear to grow and flower without this rest; but only for similar reasons to those which account for some men living under conditions which are opposed to the laws of health.

The transpiration or perspiration of plants may now be considered. The breathing pores or "stomata," which are generally situated on the under surface of the leaves, under favorable conditions give off water in the form of vapor, in quantities varying with the moisture of the surrounding atmosphere; in other words, plants perspire freely in a warm, dry atmosphere, and less freely in one that is moist, in much the same way as animals do. Anything that interferes with this function is as bad for plants as it is for animals. There are in the leaves of plants numerous ingenious contrivances for regulating transpiration, the pores opening wide when the conditions favor the free escape of moisture, and closing when they are unfavorable. The flagging of leaves caused by drought has the effect of closing the stomata, so as to stop the further loss of water. The rush or "perpetual stream" of water from the roots to the leaves, other conditions being favorable, is the accompaniment of active, rapid growth. We should therefore endeavor to maintain just that condition of soil and atmosphere which will keep this stream moving.

What happens when we keep the soil as wet, the air as moist, and the temperature as high in winter, when light is defective, as we do in the height of summer, when light is good? We find that the growth made is often of a sickly yellowish hue, and wanting in what we call "bone," indicating that some essential has been wanting whilst growth was forming. Growth made in insufficient light cannot be healthy. There are, of course, many plants, such as those used for forcing in winter, which appear to make perfect growth in these ill-balanced conditions, but we know that they require much nursing afterwards to restore them to a healthy state; indeed, a plant that has been severely forced is, as a rule, only fit for the rubbish-heap afterwards.

There is a marked difference between the growth and behavior in winter of the plants in the drier houses and those in the moist houses at Kew. If a plant has proved refractory in a stove, we have sometimes found it worth while to try it in No. 5, wherein the succulent plants are grown, and generally the results have been satisfactory. The air in this house is always drier than in any other, especially in winter, when very little water is given to the plants.

The success of our grandfathers in the cultivation of plants which we can scarcely keep alive, such as hard-wooded Cape ericas, phœnocoma, aphelexis, genetyllis, etc., was, I believe, largely due to the care they took over the watering. This was considered by far the most important of the gardeners' duties; and it was by no means unusual for the head gardener to attend to it himself—for all his best specimens, at any rate. I have seen fine specimens of erica killed in a week by an overdose of water at the root.

St. Thomas, Ont.—Webster & Co. say business is very good with them.

PHILADELPHIA.

Christmas Trade.

Christmas, 1903, was in many respects the most remarkable in the history of the cut flower business in this city. Up to noon on Wednesday, December 23, the feeling among the wholesalers was decided doubt as to the outcome. Some were hopeful; some felt it would be a poor Christmas; all made a gallant effort to keep up prices, but they let no order slip. From that time on an unprecedented change came. Orders poured in from every side and by Thursday night desirable stock of nearly all kinds was hard to obtain. The growers responded manfully to the call for more, sending in quantities of flowers on Friday morning, which were eagerly taken. The average of quality was superior to anything ever seen here, the quantity greater than ever. Everything nice was marketed, the left-overs being the poorer grades of tea roses and other stock.

The fluctuations in prices were startling, especially in Beauties. Fancies were offered, it is said, in quantity at $7.50 per dozen early in the week for Christmas delivery; $10 was, however, the usual price. Later $12 was the ruling figure and later still $15 a dozen was paid, in many cases with far less critical inspection.

Carnations averaged higher than in the past. The quality was very fine; fewer poor blooms were never seen, the bunching being most conscientiously done as a rule.

Much of the success of this great festival was due to the weather, which favored production and shopping alike. Taken as a whole a larger quantity of stock was consumed than ever before and more money realized, but the average returns were lower and business as a whole hardly so satisfactory, though better than generally expected.

Since Christmas.

Prices fell on the day after Christmas. Since then they have continued fairly steady and business is excellent. Quite a lot of funeral work was done, using up some of the surplus white carnations, the only color that hung at Christmas. The prospects for the new year are excellent.

A Fair Delinquent.

Eugene Bernheimer had a curious experience lately. A young woman giving references, ordered quite a lot of stock, stating she had just started in the business. The address given proved to be a private house, where she was unknown. Fortunately there was no loss to Mr. Bernheimer. The woman was probably a crank.

Motto of the successful Philadelphia business man:

"Early to bed,
Early to rise,
Wear the blue ribbon
And advertise!"

A prosperous New Year to you all.

Phil.

Salvia Splendens.—Along the coasts of France and Italy this shrub grows and blooms in the open, attaining a height of five feet, with spikes twelve to eighteen inches in length. The numerous varieties which have made their appearance in this country during recent years have all been reared from seeds upon the continent.

NEW YORK.

The Christmas Market.

Estimates are sometimes accurate, but in the cut flower wholesale market "no one can tell what a day may bring forth." So the estimates of a week ago, founded on the opinions of the leading wholesalers, the promise of good weather and the excellent prices of the first of the week, proved to be above the actual facts. On Christmas eve there was a considerable slump. American Beauty specials, which started out boldly early in the week with a demand for $1.50 each went at $1, which was high water mark for about every first-class Beauty that was sold. Thousands of fine Beauties went at 75 cents and 50 cents. Values all along the line fell to about the averages of an ordinary winter Saturday.

The best Maids brought 15 to 25 cents, but the quantity commanding the top prices was limited, and the flood of pickled goods that did much to swamp the market was never more in evidence. Year after year the same old story is repeated. Experience seems useless as a teacher. Heinz, the pickle man, with his "57 varieties" never made a better record in a day. The result of it all is the dumping of thousands of dollars' worth of unsalable roses in the ash barrels, a fitting end to a system that is utterly without excuse, and that must be ended in some way, if the confidence of the wholesalers and the buying public is to be maintained.

Carnation novelties which were held for 25 cents were left till Christmas eve, when the bottom fell out of everything. The days of extravagantly high holiday prices are over. The sooner the growers realize this, the better for all concerned. The geese have all about been killed that laid the golden eggs. The retailers and the public have grown "foxy." The blooming plants have done the business. Hardly a plant, where the price was at all fair and right, was left in any store in the city. Even the little stores on the side streets shared in the demand for these and holly and Christmas greens.

The quality of the carnation shipments was superb; a finer lot of specials and novelties never came to the market, but the demand was below expectations and many were unsold. Lilies which were held at 20 cents fell rapidly to 12 cents and even then were uncalled for, as white goods were a drug. Stevia and mignonette were here in unlimited quantities, and they are here yet. Boxes of the latter in the cellars remain unopened. Even poinsettias are left over and unsalable.

But the greatest depression of all was in the violet market. The cause may be summed up in the one fact, as stated by one of the largest wholesale houses, "Three times as many as usual were sent and there was not one-half the regular demand." On Wednesday and Thursday alone, it is estimated, over two million violets were delivered to the New York wholesale trade. Nearly 400 boxes arrived on one train on Wednesday evening. At this writing, Monday evening, nearly, if not fully half a million are still in the boxes in which they arrived, unsold and unsalable.

To add to the trials and tribulations of the men who have built up a wholesale cut flower business, the weather on the day before Christmas and on Christmas, as well, was damp, disagreeable and discouraging, and its influence was depressing. The street merchants, the only possible outlet for the immense accumulations, were knocked out by the cold wave, which made outdoor vending impossible. New Year's prices will not be above the usual Saturday average.

In encouraging contrast to all this, the holly, wild smilax, green goods and plant men are jubilant. Everything went at good prices, nothing left over that will not go for New Year's. The clean sweep included the Christmas trees, so that the retailer at least finds compensation and cause for thankfulness. The bulb and seedsmen, too, have all made merry and in a wonderfully prosperous season find reason to rejoice and to look forward hopefully and in a conservatively optimistic mood to a Happy New Year.

Various Items.

Notwithstanding that it was nearly zero weather another new park was opened in New York on Monday, the Robert Morris property, and a tablet giving a history of the ground and mansion unveiled. It is on this property the celebrated Jumel mansion stands, which was used by Geo. Washington as headquarters in the campaign of 1776.

At the New York Botanical Garden the contract for the completion of the range of propagating houses has been awarded to Hitchings & Co., the amount appropriated being over $7,500. The work will be finished in the early spring.

C. W. Ward, of the Cottage Gardens, has been on the sick list for a week, one of many suffering from severe colds, the result of the sudden cold snap, which pulled the temperature down to only 3 degrees above zero on Saturday morning.

Fortunately for the plantsmen and the retailers Old Boreas withheld his chilling blasts till every plant had been sold and delivered. In nearly every retail store not enough blooming plants were left to make a respectable window decoration for Sunday.

S. Jacobs & Sons, of Brooklyn, won their suit against Otto Grundemann, of Secaucus, for the erection of greenhouses, receiving a verdict for nearly the full amount of their claim of over $2,300.

The sympathy of the trade is extended to Charles Smith, of Woodside, in the loss of his mother, who died in England December 7, aged 78 years.

James T. Scott, formerly instructor at the House of Refuge on Randall's Island, will go on the road for the F. R. Pierson Co., Tarrytown.

The Weathered Co., of New York, horticultural builders, has been incorporated in New Jersey, with capital stock of $125,000.

Martin Dengler, a gardener at the Fail estate, Hunt's Point, was run down by a railroad train and almost instantly killed. J. AUSTIN SHAW.

BUFFALO.

Christmas Trade.

The great day and the business it brings is once more past. We hope sincerely that the all-important factor, the weather, was more auspicious in most localities than it was here. There are a great many of our customers, perhaps the majority, who do their important and heavy Christmas purchasing several days ahead. Alfonso buys the seal-skin jacket for Darling weeks ahead, and Gladys buys the smoking jacket or box of perfectos and has them hid away for several days, but trifles like a pretty plant or box of flowers are often left till the last day and the last day with us was a sloppy, slippery, drizzling, wet and melancholy day, such a day as was admirably suited for stopping indoors.

The bulk of business done may foot up equal to last year. We shall be surprised if it exceeds it, and we expected more, for there are more people in the city to sell to. When I can get time to interview my brother florists I shall know more definitely. We already know that there are plenty of good begonias, azaleas, poinsettias and other flowering plants left for future sales. However, business for holiday festivities is by no means over yet and by the middle of January all these things may be disposed of.

In cut flowers there was a scarcity of nothing but good carnations. More of these could have been sold. The divine flower is taking its correct place and value and there is no fear of its toppling off the pinnacle it has reached. If it does not occupy the apex, it's very close to it. There were plenty of fine violets. On the whole, cut flowers were in rather better demand, compared with plants, than has been the case for the past few years. Of volume of business and prices I would rather have another week to report. Yet from the few heard of, and a feeling that we can't shake off, we are inclined to say it was rather a disappointing Christmas. The day itself turned out fine and pleasant and somewhat made up for the miserable condition of the elements on Christmas eve.

A Carnation Night.

At the February session of our club we are to have a carnation meeting, with an exhibition, essay by some expert, and discussion. We hope that some of those having varieties they wish to bring to notice or, what is of equal value, good standard varieties, will favor us with a few blooms. W. S.

CHICAGO.

The Chrismas Market.

Luck is with us, all right, for Old Boreas held his icy breath until the Christmas shipments were all under cover, although the cold wave overtook the local retailers before deliveries were out of the way. Zero does not facilitate handling flowering plants. In general, the retailers had a very good trade. Some did not do quite so much as last year, but others report larger sales and the total is probably not far away. They all had enough to keep going about all night on Christmas eve, putting up orders.

In the wholesale district things simmered down to an average in all the houses. It developed that long Beauties, which were expected to be among the most plentiful of items, became one of the scarcest. The market stiffened steadily, and on Thursday evening $15 per dozen was asked, if seldom paid, for the best stock. Liberty was far short of orders, and high prices were paid for stock which was really not in a condition to be worth the money.

Maids sold splendidly; that is, the better grades, 25 cents being obtained for some, but the small roses of whatever variety were very slow sale and the large proportion of this stock in nearly every shipment served to pull averages away down. Brides moved slowly, and it was

necessary in most houses to mark them twenty to twenty-five per cent under Maids to keep them going. Carnot, Chatenay and Sunrise were all short of the call.

On carnations the market held up better than could be anticipated on Tuesday evening, when such large stocks were on hand. Fresh goods in the colors brought fine prices right through, but the unexpectedly large receipts had the effect of causing the wholesalers to put the knife deep into everything that bore the marks of age. White is not the Christmas color, and the Hills and all but the very fanciest whites suffered for the absence of color. One wholesaler, who probably handled as many carnations as any house, says he thinks, without having figured it up, that he made an average better than 5 cents on every colored carnation received during the week and hardly more than 3 cents on the whites. Several commission houses adopted the expedient of reporting sales separately on white and colored carnations.

When one gets around to the violets, it is a sad story to tell. There is very little shipping trade on violets, and by the time local buying began the accumulation was something tremendous. One house had not less than 50,000 on hand Thursday afternoon, practically all Campbell. Every large violet handler was choked up with them. Singles sold on account of their color. Considerable quantities of eastern violets, all Marie Louise, were received, fifty in a bunch, liberal count, and magnificent stock as compared with even the best Campbell. But even some of this was left over.

Cut poinsettias did not clean up. Valley was in large supply and so were Romans and Paper Whites. Sweet peas found little favor, and tulips on three-inch stems did not have great popularity. Large quantities of Sprengeri and asparagus sprays were sold.

Since Christmas.

All day Saturday the temperature was eight degrees below zero, which isn't good for business, but the market held firm. Receipts were light, although some of the violet growers had evidently spent their holiday picking to replace the stocks which went into the barrel. White has moved up into line with other stock. Beauties have eased off fully as much as anything, but all crops were cut close and New Year finds the market active. Local trade has improved, and out-of-town business is always brisk in holiday week, for so many young people are at home from school that it is a period of much social life. The cold weather still makes heavy wrapping necessary.

Various Notes.

Announcement is made that Charles W. McKellar will again engage in the trade on January 1, having bought the selling end of the business of John Muno. He has rented the room on the fifth floor of the Atlas block, where the recent flower shows were held and will carry a full line of florists' supplies, in addition to doing a commission business in cut flowers. H. J. Muno, who has had charge for his father, will remain with Mr. McKellar. Mr. Muno is considering several changes at his greenhouses for next year. He may plant it all to carnations or may put half in lettuce.

It behooves those who are known as the local violet growers, which includes those at Grand Rapids and other Michigan points, to go out in one corner of a cool greenhouse and take a serious think. Lady Campbell is grown by nearly all, but with very few is the quality sufficiently good to sell when there are even indifferent grades of Marie Louise to be had, or singles. The very large supplies of Louise in the New York market has led a number of the Hudson river growers to either take contracts to supply Chicago retailers for the season or to send consignments to commission houses. E. E. Pieser says, and he is in a position where he ought to know, that if our growers cannot do Louise as it is done in New York, they had better get out of the violet business, for eastern violets will soon drive Campbell clear off this market. But even the fancy eastern stock is not selling this week.

Peter Reinberg says he doesn't expect to add to his glass this year, but that he will rebuild a large section on the lines of the high houses put up last spring, where the stand of Beauties is now, he says, the best he ever had. The narrow pattern of Garland's iron gutter will be used again, on the high posts. Mr. Reinberg says Chatenay has been his money-maker this year. He is so well satisfied with his experience with Liberty that he will cut down his planting one-half next year.

E. C. Amling gives it as his opinion that as many carnations were handled at Christmas as in any previous year. One of his growers sent 17,000 blooms in good order.

The George Wittbold Company has an order for a decoration at Mandel's next month, for which they have bought 350 strings of asparagus. This ought to attract the attention of other State street decorators to this green.

C. L. Washburn says that the man who spends all his time in town may know that the lake breeze is chilly, but that he has no adequate conception of what an old-fashioned winter we are having. Out at the greenhouses all efforts are bent on keeping things warm. Five teams are hauling coal seven days a week at Bassett & Washburn's and Peter Reinberg says that forty-five tons a day are burned at his place even when the sun shines.

Some of the wholesalers had a pleasant holiday experience with a house in Texas which refused C. O. D.'s. But exchanges of confidences are steadily closing this market to those who do not deal squarely.

George Reinberg has 40,000 carnation cuttings ready to ship. He is going in strong on Lawson, not having been able to supply the demand last season.

The McCormick estate is adding about $10 a month to the rent of each of the wholesalers in the Atlas block, and there is debate as to whether or not cheaper quarters around on Lake street would not give just as much business.

Wieter Bros. are cutting a splendid, steady crop of carnations. They find Norway the most satisfactory of the whites, because of its superior keeping quality.

A. B. Everett suffered very heavy loss through the giving out of a boiler on the night of December 21.

Mr. McGill, of Barnard's, is suffering from the prevailing complaint of too much weather.

The West Park Commissioners announce that $150,000 has been appropriated for building a conservatory in Garfield park. The work will begin in early spring.

The society weddings are numerous and the fashionable retailers are having a good week.

The E. F. Winterson Co. is still handling quantities of very fine poinsettias.

The next meeting of the Florists' Club will be held on January 6, when the holiday trade will be the subject up for discussion.

ST. LOUIS.

The Market.

Everybody in the trade reports satisfactory Christmas business. Some of the larger West End establishment's reports were above expectations and we can safely say from all reports that this was the best Christmas in years in both cut flowers and plants. The wholesalers were busy all week with shipping orders and attending to the wants of the local florists.

The weather for delivering cut flowers and plants could not have been improved upon. The big snow storm and blizzard that came all of a sudden on Christmas afternoon found the florists all smiling, as everything was delivered and the empty wagons returning home. Most of the West End florists started the delivery of plants on Wednesday, which was a great advantage to both buyer and dealer. The demand for plants favored the bright colors. Poinsettias, Gloire de Lorraine begonias, colored primulas and dwarf holly trees sold well. Of these a fine lot were seen in the show houses of Weber, Waldbart and Ayers. The green trade was big, ground pine being very scarce. Holly was plentiful and mistletoe very fine. The demand for wreaths and wreathing was the best in years and almost everybody reports having sold out early.

In cut flowers there was a lively demand for almost anything of good quality and especially for roses and carnations. These were cleaned up early at exceptionally good prices and many more carnations could have been disposed of, for the supply was not near enough for the demand. Special Beauties were limited and commanded $12 per dozen at the wholesale houses. The $8 and $10 per dozen sorts were more plentiful than the specials and shorts at $2 to $4 per dozen sold out clean. Fancy Bride, Maid, Meteor and Gate brought from $12 to $15 per 100; Carnot $18; Perle $8 and $10. Of these Brides and Maids were most plentiful. The demand for white roses ran far below that for the colored roses. Carnations were fine in quality and fancy sorts commanded $12 per 100. The varieties that brought this price were Enchantress, Prosperity, Lawson, Gov. Wolcott, Queen Louise and Estelle. Good common stock went for $5 and $6 per 100. Very few were sold for less than $4; the supply was large but not near enough to go around. California violets were also limited and of very fine quality; $2.50 and $3 per 100 was asked for these, with clean sales all around.

Bulbous stock, as usual, sold somewhat slow, with plenty of it in the market for all demands, with no advance in prices. Romans and Paper Whites were $4 and $5 per 100 for choice stock, but the bulk went at $3 and $4. Valley, too, sold slowly at $4 and $5 and not of extra good quality. Choice mignonette sold at

$5 and $6, with fair demand. Smilax and asparagus and all greens sold well at their usual price.

The market at present has again assumed a normal aspect, which will not change materially because of New Year's trade, as this holiday is not observed much by the flower loving public here. Stock is not over-plentiful and won't be for some time, with Christmas prices on most of the choice stock.

Christmas Retail Trade.

Among the retailers there is a general expression of satisfaction. In the West End Fred Weber, Theo. Miller and Kalisch & Sons say that their sales were materially larger than last year, with prices higher. Everything choice sold rapidly. The leading demand was for Beauties, violets and carnations. Their plant trade was the best in years and a big demand for holly and mistletoe.

On Grand avenue, George Waldbart, Mrs. Ayers and the Ellison Floral Co. report a big trade. Mr. Waldbart says everything sold out in plants and cut flowers in all classes. Mrs. Ayers and Mrs. Ellison have the same story to tell and are glad it's over.

F. H. Weber, at Maryland and Boyle avenues, had a big trade in everything. This was his first Christmas in business on his own hook.

Mrs. Newman also reports a big holiday trade, the best in years.

Henry Ostertag reports all the business he could get away with, and more too, for stock ran out.

C. Young & Sons Co., as usual, had a fine display of plants and cut flowers and their big force was kept busy at all times. Everything sold well at this place.

Miss Badaracco reports a very satisfactory trade in all lines.

At the Riessen Floral Co., Mrs. Buechel says that this Christmas beats all in the cut flower trade and they had to refuse orders that came in late.

The North and South End florists all had a good trade to report. The Eggeling Floral Co., on South Grand avenue, say they never had so much to do since they started in business.

Various Notes.

J. A. Evans, the ventilator man from Richmond, Ind., was in town with a force of men putting up his apparatus at the World's Fair grounds.

J. D. Carmody, of Evansville, Ind., looking finer than silk, spent Sunday in St. Louis, calling on friends on his way to Texas.

Arthur Y. Ellison is back from Butte, Mont., where he was with the State Nursery Co. Arthur says he will stay in town until after the World's Fair and will be employed by the Ellison Floral Co. He will also strengthen our bowling forces, being one of our best.

Mr. and Mrs. Max Herzog, who were reported sick in the last issue, have not improved much. At this writing Mrs. Herzog is somewhat better, but Max is still a very sick man. Pneumonia in both cases.

John M. Hudson, formerly in business here and well known in Philadelphia, had a paralytic stroke the past week, with very little hopes for recovery.

The Florists' Club meeting January 14, in the Odd Fellows' building, should not be forgotten by the members. A display of new carnations is promised and an interesting time is expected.

Bowling.

The florist bowlers were at it again on Monday night. Arthur Ellison, our old member, is again with us and rolled some fine games. The following are the scores made by the two teams:

TEAM NO. 1.

Player.	1st.	2d.	3d.	T'l.
J. J. Beneke	158	174	148	480
Carl Beyer	171	164	153	488
Theo. Miller	163	164	150	477
F. M. Ellis	170	167	159	496
F. C. Weber	117	169	159	445
Total	779	838	769	2386

TEAM NO. 2.

Player.	1st.	2d.	3d.	T'l.
C. A. Kuehn	157	179	168	504
A. Y. Ellison	184	166	209	559
Will Adels	182	205	158	545
O. R. Beneke	158	179	191	528
Fred Weber	135	145	111	391
Total	816	874	837	2527

These two teams will roll a special match game on next Monday night, as team No. 1 is not satisfied with its defeat and claims its members were out of form from over work at Christmas time.

J. J. B.

CINCINNATI.

The Market.

The weather which a kind Providence gave to us for our Christmas business, could not have been improved upon. The temperature was above freezing, so that no extra care in the delivery of plants and cut flowers was necessary. As a result our Christmas trade was the most satisfactory that we have had for many a year. Store men as a rule say that there is no money for them in any holiday business, owing to high prices and the fact that they don't have the time to give each order the attention it should have, resulting in many kicks and loss. But this year I have heard several of our leading retail florists say that they are satisfied that there is a balance on the right side.

It is yet a little early to state just how much of an increase there was over last year, but the fact that there was an increase is evident and everyone seems to have had his share. The wholesale houses did a rattling good business and by noon of Christmas day the majority of them did not have a flower of any description on hand.

As usual, Beauty headed the list and the supply was very large, but more could have been used. Medium grades especially were scarce. Meteor and Liberty were hard to find at any price. Other roses were about equal to the demand, but more first grade stock could have been handled to advantage.

It was expected that carnations would be very scarce, but many more were handled than was anticipated, there being almost enough to fill all orders. Altogether they sold for the highest average price ever obtained for this flower in this market.

Valley, Romans, narcissi, callas and Harrisii all sold first class and the quality of the stock was very good. There was a large supply of poinsettias but none too many. There were a few mums, some of them very good and all found buyers. To the surprise of all violets turned out to be somewhat of a drug and towards the end the price dropped considerably. Some fine Princess of Wales were handled and brought $3 per 100. This was a banner year for holly and the greatest portion of the stock received in this city was first class. Mistletoe, too, was fine.

At the present writing stock of all kinds is scarce and Christmas prices still hold good. Indications are that New Year's trade will be very good and that there will be none too much stock.

One noticeable feature of the Christmas trade was the small amount of pickled stock seen. It is needless to say that this was a very pleasant feature.

Various Notes.

The next regular meeting of the Florists' Society will be held a week from Saturday. Very few members attended the last meeting, owing to the severe weather.

At noon Christmas day the temperature was 40 degrees and at midnight it was zero, with a very high wind blowing. Considerable damage was done and many a florist about here spent a sleepless night.

Geo. J. Ball, with John Brod, Niles Center, Ill., was a visitor.

C. J. OHMER.

WHEATON, ILL.—D. F. Hawkes has been in very poor health this winter and unable to be about.

MARIETTA, O.—Rufus Turner, the manager of J. W. Dudley & Son's store here, has been dangerously ill in the hospital, but is now slightly improved.

SEDALIA, MO.—Holiday trade was very good, but Gelven & Son say that there was plenty of stock to fill all orders, including those from neighboring towns, while surplus stock was shipped to St. Louis.

AUBURN, N. Y.—George Dobbs & Son say trade was the best ever known at Christmas, stock plentiful, but good prices realized. The "Floral Store" started a year ago did an enormous business.

ESTERVILLE, IA.—On the morning of December 18 fire destroyed the residence and greenhouse of Mrs. H. A. Jehu, nothing being saved. The loss was about $2,000, with little insurance. The fire started through a defective heating system.

WINONA, MINN.—The Winona Floral Co. has taken a long-time lease on the Voelker greenhouses and has bought the stock. The plant will be operated in connection with the company's main establishment, their increased trade having necessitated enlarged facilities.

MANCHESTER, MASS.—Hermann Thiemann, for many years superintendent of the McMillan estate at Eagle Head, has an eighty-acre farm near Owosso, Mich., to which he will remove April 1, to engage in growing dahlias, peonies and other stock of like character.

SPRINGFIELD, O.—Incorporation papers have been taken out for the Aberfelda Floral Company, capitalized at $10,000. The stockholders are George D. Leedle, Charles C. Leedle, C. P. Brunner, Herman Voges, Jr., and Forrest L. Wolfe. The company has secured a tract of eleven and one-half acres, with side-track facilities and will at once begin the erection of a modern greenhouse plant.

THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

I HAVE dropped other papers in preference for the REVIEW.—C. C. WONNEMANN, Mexico, Mo.

Vegetable Forcing.

STRING BEANS.

This crop is more often grown by the private gardener than by the commercial man and I am somewhat doubtful if the latter can make it a paying crop for forcing in winter, as it is hard to obtain the necessary price. The fact that beans can be shipped from a distance and be quite fresh at the end of the journey brings the southern-grown article into competition with the home product, and it stands to reason that they can be grown much cheaper in the open ground than under glass. Though the express charges run up the price of the southern article somewhat, still it is not enough to balance the price. Yet they can sometimes be worked in as a catch crop to fill up space, and where the grower is convenient to a good home market, where a first-class article is wanted, a sufficient price can be procured for them. It is a crop that is easily done and one that is little troubled by insects or disease. Red spider will sometimes make its appearance if the atmosphere of the house is kept too dry, but if this condition is avoided and the plants syringed frequently little trouble should result from this source.

We have tried several varieties for forcing, but find Early Mohawk the best. Some of the others may mature a little earlier, but this is the healthiest grower, freest and produces the largest beans, the quality being excellent. Raised benches suit the crop best, as they like a warm soil and need to be kept near the glass to encourage stocky growth. Any fairly good soil will suit them. We sow in rows across the bench, making the rows twelve inches apart, and place the seeds far enough apart so that no thinning will be necessary. But we always take the precaution of first testing the seeds to make sure they are good. The seeds are covered to about their own depth and the soil kept rather dry until they are well started. If kept too wet a good deal of loss would occur through rotting. After they are well under way a plentiful supply of water is needed. When the plants are in bloom it is better to withhold syringing, especially during dull days, to insure a good set. A night temperature of from 55 to 60 degrees, with a rise of 20 degrees by day, will bring them along quite fast enough, but to produce a good crop they must be kept growing right along and receive no check. About two good pickings is all that can be got off them, it being hardly profitable to keep them in to mature the few small ones that would be left.

W. S. Croydon.

ANNOUNCEMENT.

I am pleased to announce that after January 1, 1904, I will reopen in the **Wholesale Cut Flower and Florists' Supply** business, having purchased the wholesale business of Mr. John Muno, at 51 Wabash Ave., Chicago (Atlas Block), where I have also secured additional storage room for supplies of all kinds and the manufacturing of **Wire Work.**

Mr. Muno will continue to ship his product to me, consisting of a full line of American Beauties, Fancy Teas and Carnations, which, together with shipment of miscellaneous flowers and Greens from other shippers will give me a complete line of both Cut Flowers and Supplies to furnish the trade promptly.

All outstanding accounts owing Mr. Muno should be made payable to Mr. John Muno, 51 Wabash Ave., care of Chas. W. McKellar. Mr. Henry Muno will remain in the employ of Mr. McKellar and city accounts can be paid to him personally.

Mr. Muno takes this opportunity of thanking the trade for the liberal patronage shown him and wishing the trade generally a Happy New Year, and hoping that during same at least a portion of your trade will be shared with the new firm, I am,

Very truly yours,

(Signed) **CHAS. W. McKELLAR.**

ST. PAUL.

The Market.

Another milestone passed in the florists' business! Another Christmas, with all its attendant worry and trouble. Christmas week opened mild and balmy and the growers were deluded into the belief that they would have nice weather for delivering plants, but by Tuesday noon Old Boreas was doing business as of yore. Christmas morning the thermometers registered as low as 10 degrees below zero with a strong northwest wind, making deliveries difficult and frozen noses prominent.

Business started in rather brisk, but dropped off somewhat later, so that aggregate sales were probably ten per cent less than a year ago. A prominent feature of this year's trade was the increased demand for holly wreaths, the ready sale of good blooming plants and the few complaints regarding prices. Buyers were satisfied to pay the prices, but bought more sparingly. Roses retailed at from $2 to $5 per dozen; carnations, 75 cents to $3; Beauties, $6 to $20; violets, $4 per 100; poinsettias, $5 to $8 per dozen. A few belated mums were seen, but there was little or no demand for them. Well grown plants sold at sight, also made up baskets.

Various Items.

Holm & Olson report good sales all along the line. They had fine azaleas and Begonia Lorraine. In cut roses some extra fine Ivory and Gates sold at $5 per dozen. They are getting extra nice stock from the Sherman Nursery Co., of Charles City, Iowa, including Maids, Brides, Perles, Sunsets and Beauties.

A. S. Swanson had nice araucarias, azaleas, oranges and peppers, besides the usual supply of good cut blooms.

L. L. May & Co. had extra fine cyclamens in pans and a choice assortment of made-up baskets, which went very quickly.

August Vogt reports very good sales in holly wreaths and greens and a splendid sale of violets. Charles Vogt reports the best sales on record. With plenty of good stock and plenty of help he did a very thriving business.

The Ramaley Floral Co. disposed of a car of Christmas trees, all being gone by the 23d.

R. C. Seeger had all he could attend to at his stand on Robert street, near Seventh. He has recently put in a handsome refrigerator, which improves the appearance of the place very much.

Otto Hierseckorn and E. F. Lemke both had good sales.

There was an abundance of holly and mistletoe, with some left over, but lycopodium was pretty well cleaned out, and there isn't a thousand yards of green left in the city.

X. Y. Z.

KALAMAZOO, MICH.

Christmas Trade.

As I anticipated in my last letter, the volume of trade this Christmas was far in excess of last year, the most conservative estimate being from seventy-five to 100 per cent. This applies to nearly all the firms in the city. Carnations were of good quality and in quantity were just about equal to the demand, prices ranging from $4 to $8 per hundred wholesale and from 50 cents to $1.50 per dozen retail. Beauties were plentiful, especially in long stems, and quality excellent; prices $6 to $12 per dozen wholesale and they retailed at from 25 cents to $1 each. Meteors were in great demand and commanded prices ranging from $4 to $8 per hundred wholesale and from 6 to 15 cents each retail. Brides, Maids and other roses were from $4 to $8 per hundred, according to quality, and retailed correspondingly. Violets were of fine quality but the retail price of 40 cents per dozen scared off buyers. Poinsettias were in great favor and sold readily at 75 cents and $1 each. Azaleas, cyclamens, primroses, Gloire de Lorraine and Lilium Harrisii were in great demand and realized good prices.

The various flower stores were very tastefully decorated and attracted considerable attention. The Van Bochove's new store was elaborately done up for the occasion and had on sale some very fine specimens of Easter lilies and poinsettias, some of the bracts of the poinsettias measuring two feet across. The weather was favorable for safe transportation and delivery. General satisfaction reigns.

R.

Your paper is the only paper.—J. Sandstrom, Momence, Ill.

WISHING ALL THE TRADE A

Prosperous New Year

We hope that the old year has been as satisfactory with all in the trade as it has been kind to us. In 1904 we expect to keep up the same pace that has brought such a nice increase in our business in 1903, and to do this we shall use our best efforts to merit your continued patronage.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph Street, CHICAGO, ILL.

Long Distance Telephones 1978 and 1977 Central.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

WANTED—To lease, with option of buying, a place of from 15,000 to 30,000 sq. ft. of glass; wholesale trade preferred; with necessary land, house, barns, etc.; must be in good condition and suitable for production of first quality stock. No. **14**, care Florists' Review, Chicago.

WANTED—An all-round florist who is not afraid to work and who will come to a country town; married man preferred; wanted by first of February; references in first letter. H. S. Baker, Warsaw, N. Y.

WANTED—Young, active man who thoroughly understands the growing of roses and carnations under most favorable conditions. State wages expected. Address No. **13**, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist: good grower of pot plants, also Easter forced stock and carnations; 15 years' experience; good reference; state wages. No. **12**, care Florists' Review, Chicago.

SITUATION WANTED—By young single man as assistant florist on an up-to-date place. Address No. **11**, care Florists' Review, Chicago.

WANTED—A good man experienced in growing cut flowers, roses and carnations; also competent in decorating and designing and to know all about propagating; at once. Address M. Helfrich, Washington C. H., Ohio.

FOR SALE—$75.00 will buy a 10-horse power, steam, box boiler, guaranteed to stand from 100 to 150 pounds steam pressure; cash only. Address Sibley Greenhouses, Sibley, Ill.

WANTED—A good grower in central Ohio. Address No. **15**, care Florists' Review, Chicago.

FOR SALE—I have three nice greenhouses well stocked with Easter and spring plants; potting shed, 12x50 feet; 1 large wagon shed, holds 2 wagons; 1 rose bed; about 25 sash for outdoor beds; good will and fixtures of a stall in the best market in Philadelphia; can get back price asked in 6 months; have good reason for selling. Apply to William G. Wenker, Powder Mill Lane, Frankford, Philadelphia, Pa.

FOR SALE—Established greenhouses, floral business and property, nursery, two dwelling houses, 1500 square feet of greenhouses; no other in Southeastern Idaho; also supplies Northern Utah and Western Wyoming; unexcelled shipping facilities; six lines of railroad diverting into rapidly growing towns and country; it's a bargain, and the business should be continued; must be sold on account of death. Address: The Church & White Co.; Pocatello, Idaho

FOR SALE—Three greenhouses; 6,000 feet of glass, newly built, well stocked; with one acre or more of land; good retail stand; 18-year lease; price, $3,000; half cash, balance on time; or will take a partner with $1,000 or $1,500. In Chicago. Address No. **8**, care Florists' Review, Chicago.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave. Chicago.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

NEW YEAR'S PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$8 00
30 to 36-inch stems	6 00
24-inch stems	5 00
20-inch stems	4 00
15-inch stems	3 00
12-inch stems	2 00
8-inch stems	1 50
Bridesmaids	$8 00 to 12 00

	Per 100
Bride	$8 00 to $12 00
Ivory	8 00 to 12 00
Liberty	6 00 to 15 00
Golden Gate	8 00 to 12 00
Perle	6 00 to 10 00
Carnations, good	4 00
" fancy	5 00
" extra fancy	6 00 to 8 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention the Review when you write.

WANTED—A bright, hustling young man of good address for a Chicago retail establishment; must be competent in decorating and designing and a first-class salesman. Address, with references as to ability and character, stating wages desired, No. **205**, care Florists' Review, Chicago.

FOR SALE.—One 35 horse-power horizontal tubular steam boiler, all complete except steam fittings, $70 00; one 6-in. Ericcson hot air engine, $45.00; one 8-in. Ericcson hot air engine, $65.00; one 6-in. Rider hot air engine, $95.00; one No. 5 Scollay, good condition, $50.00; one No. 5 Weathereds, good condition, $50 00; new guaranteed block pipe, full lengths, at 9¾ cts. ft.; second-hand pipe as follows: 2-in., 7½ cts; 1½-in., 5¾ cts.; 1¼-in., 4½ cts.; 1-in., 3¼ cts.; ¾-in., 3 cts.; second-hand pipe cutters, $1.50; No. 1 stocks and dies, $4 00; No. 2 stocks and dies, $5 00. Guaranteed ¾-in. hose, will stand 150 lbs. water pressure, 7½ cts. ft.; not guaranteed, 4¾ cts. ft.; also a job lot of old fire hose; send for price and quantity. New greenhouse glass, 16x24, double, natural gas made $3,50 box; 16x18, 14x20, double, $3.35 box; 12x16, single, $2.40 box; 10x14, 12x12, single, $2.28 box; 8x10, double, $3.10 box. Lot of new cypress for benches. $30 00 per 1000 ft. We furnish everything for building. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Greenhouses; good location for both local and shipping business; well stocked; winter coal laid in; will sell cheap if sold at once; selling on account of failing health.

JAS. RICHARDSON, London, Ohio.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

WANTED.

GOOD ROSE GROWERS AT ONCE.

South Park Floral Co., New Castle, Ind.

Take Notice.

The undersigned has withdrawn from the firm known as The Ozone Park Nurseries, of Ozone Park, L. I., New York City, New York.

[Signed] Edwin R. Weber.

Cuba.

THE CUBA AND UNITED STATES FRUIT NURSERY AND MERCANTILE CO.

An opportunity seldom offered, where you have the chance to become one of the incorporators with a small amount of money, to grow Nursery Stock and Tropical Plants on the Island of Cuba.

Will bear the closest investigation. Best of references given.

Full information may be had by addressing

E. RUNYAN, Box 197, Elizabeth, N. J.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

L. L. May & Co., St. Paul, are mailing their 1904 catalogue.

Very few 1904 retail catalogues have yet made their appearance.

E. H. Vick will start west shortly in the interest of Wm. Hagemann, of New York.

The only thing that can be done is to make the best of the short deliveries that are being made.

Several sales of sweet corn are reported from St. Paul at prices ranging from $6 to $8 per bushel.

It looks as though the difference between wholesale and retail prices will be smaller than ever during 1904.

The Haven Seed Co., of South Haven, Mich., has been dissolved and will be reincorporated at Arroyo Grande, Cal.

The same trouble is being experienced this year as last upon the appraisement of foreign seeds. Vexatious delays are the result.

This season preference will be given to the orders from market gardeners and small consumers by many seedsmen who issue catalogues to the trade.

The seedsmen who deal in Christmas goods report a fairly good trade. Some over-purchases of Christmas trees have lessened the profits in some instances.

A Baltimore seed dealer writes that the trade in general in that vicinity has not anticipated its wants in anything like as heavy quantities as a year ago.

The Albert Dickinson Company will proceed at once with an investment of $80,000 in a seed warehouse on the tract of land recently purchased between Minneapolis and St. Paul.

Alfred Plant, of the Plant Seed Company, St. Louis, has passed his eighty-second birthday and spends much of his time at Webster Groves but he keeps well up on what is going on in the trade.

The large jobbers report a very lively time at present. All customers are clamoring for shipments. It is slow work getting beans and peas in shape. Sweet corn that has been purchased hangs back remarkably. Foreign goods are being held up at the ports of entry. The railroads are willing to place cars on track but to get carloads of stuff ready under the circumstances taxes the facilities of the best of them.

Burpee's Farm Annual quotes Stowell's Evergreen sweet corn at $6.50 per bushel, but an insert states that "some thousands of the 'form' were printed, when an unexpected and unusually severe freeze injured a considerable portion of Stowell's Evergreen sweet corn, as it was not yet thoroughly cured. This reduces the supply to such an extent that we are obliged to advance prices to $2.00 per peck or $7.50 per bushel. Prices on other varieties remain unchanged." Cory is priced at $6.50, Crosby's Early at $6.50 and Country Gentleman at $9. Arlington White Spine cucumber is quoted at $2 per pound, and Jersey Pickle at $1.85, Livingston's Evergreen at $1.75.

The St. Louis Seed Co., successor to the retail department of the Plant Seed Co., proposes to make florists' seeds and bulbs an important department. They had a big bulb trade this fall, but have a small stock of many varieties still on hand.

The business men of Dallas, Tex., are organizing a corporation for the purpose of distributing early maturing cotton seed among the farmers of the southwest. The belief is that in early maturity comes immunity from weevil and prosperity for the state.

BUT THEY DO.

The League of Wholesale Seedsmen protests against the distribution of seeds by the Agricultural Department to the farmers. They needu't worry; the seeds rarely come up.—New York Times.

But they do; just there's the trouble. So long as the Department was sending out stuff that was no good, no one cared very much, but now that as good seeds as any are being sent out, it cuts a big hole in the mail order and packet trade. In the cool of the evening one day last summer a well known seedsman not far from Chicago dropped in upon a distinguished jurist, who had recently become a relative by marriage, and found him taking exercise at work in as well ordered a little kitchen garden as one might ask, "the seeds all sent me by my friend, the congressman, you know." When the government gets to supplying seeds to the seedsmen's own relatives, what's one to do?

We esteem the Review very highly for its Seed Trade news.—Binghamton Seed Co., Binghamton, N. Y.

Here's another dollar for the Review, which we certainly cannot do without.—Gelven & Son, Sedalia, Mo.

NEBRASKA CITY, NEB.

Trade in this city Christmas week showed an increase of fifty per cent over last year and a better understanding of Christmas prices than heretofore. As an afterthought the idea presents itself as to whether a neatly printed slip or card sent with each azalea, Lorraine or poinsettia giving briefly some of the things to do or not to do in order that the plants may remain in good shape as long as possible, would not be a practical and business proposition. Too often the day after Christmas or Easter some one will call up and complain that the azalea is all wilted or the flowers are all falling off, when a glance will show that the ball of roots is as dry as powder, or perhaps the plant is standing in a jardiniere or saucer of water. My trade is a trade which has not heretofore used much of this expensive stock and it seems to me that as a business policy the purchases should be made as satisfactory to the customer as possible. Would not this idea be as practical applied to the retail trade as to the wholesaling of rooted cuttings? I would like to hear what some of the older retailers think of the proposition.

H. H. Cotton.

Elkhart, Ind.—Anna Schenk, of Garland, Ohio, and Clara Seibel, of Polk, Ohio, aged respectively 9 and 19 years, who were visiting here were fatally scalded by steam December 28, in a greenhouse boiler room.

Philadelphia, Pa.—Otis B. M. Felton, 75 years old, a florist of 330 North Sixty-third street, dropped dead in Odd Fellows' Temple, Broad and Cherry streets, December 23. Death came after he had made a jocose remark to Grand Scribe Hall, of Philadelphia Canton, No. 1, in the latter's office on the first floor. Heart failure is believed to have been the cause.

We are great admirers of the Review.—H. O. Hannah, Sherman, Tex.

SURPLUS BULBS MUST SELL QUICK!

NO REASONABLE OFFER REFUSED

150 Lilium Harrisii, 7-9.
150 " " 9-11.
250 " Longiflorum (Japan) 7-9
300 Dutch Miniatures, light blue.
150 " " dark blue.
150 " " red.

NARCISSUS

2200 Dbl Von Sion, 1st size.
1650 " " Ordinary size.
300 " " Select size.
150 Bicolor Empress.
175 Golden Spur.
100 Bulbocodium.
150 Henry Irving.
250 Single Von Sion.
75 Trumpet Major.
300 Princeps.
125 Single mixed.
175 Barri Conspicuus.
250 Incomparabilis Flore Pleno.
100 " Orange Phoenix.
2400 Poeticus (Pheasant's Eye).
2200 " Ornatus.
200 Grand Monarque.
100 " " Soleil D'Or.
100 White varieties, mixed.
200 Double Yellow Jonquil.
500 Single " "
1700 Jonquils Campernelle Major.

TULIPS

1500 Crimson King.
2000 Artus.
800 Keizerskroon.
350 Proserpine.
125 Wouverman.
500 Yellow Prince.
100 Pottebakkers Yellow.
150 Duc Van Tholl Crimson.
75 " " Gold Striped.
100 " " White.
250 Bizard's Mixed.
750 Bybloom's Mixed Violets.
200 " Roses.
200 Single Late Mixed.

Double Varieties

100 Duc Van Tholl Carmine Early
50 Imperator Rubrorum.
350 Rex Rubrorum.
400 Rose Blanche.
150 Tournesnl Yellow.
500 Single Early Superfine Mixed

150 Double Snowdrops.
75 " Ixias, Mixed.
1500 Candidum Lily (large size).

HYACINTHS, 2d Size (Single)

200 Chas. Dickens.
48 Fabiola.
40 Maria Cornelia.
48 Moreno.
71 Norma.
18 Sultane Favorite.
23 Gen. Pelissier.
60 Von Schiller.
21 Grandeur a Merveille.

HYACINTHS, 1st Size (Single)

Roses, Pinks, Etc.

100 Chas. Dickens (red).
44 Gigantea.
62 Gertrude.
25 Maria Cornelia.
41 Moreno.
15 Norma.
53 Sultane Favorite.

Reds

14 Lord Macauley.
65 Von Schiller.

Pure Whites

20 Alba Superbissima.
24 La Grandesse.
25 Mme. Van der Hoop.
26 Mina.

Blush Whites

144 Grandeur a Merveille.
13 La Franchise.
67 Voltaire.

Blues

23 Grand Maitre.
52 Chas. Dickens.

Light Blue

33 Grand Lilas.
32 Pieneman.
40 Regulus.
22 King of Blues.
18 Marie.

ST. LOUIS SEED CO. SUCCESSORS TO THE RETAIL DEPARTMENT OF PLANT SEED COMPANY, St Louis, Mo.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c	¼ oz., 50c	oz.,	$1.50
SALVIA Nana Comp., Bonfire	" 25c	¼ oz., 75c	oz.,	2.50
PYRETHRUM Golden Feather	" 15c	¼ oz., 30c	oz.,	1 00
PETUNIA, large flowering, fringed, mixed			pkt.,	.50
PETUNIA, double, large flowering, fringed, mixed			"	1.00
STOCK Imp. Giant Perfection, white	pkt., 25c	¼ oz., $1 50	oz.,	5.00
STOCK Snowflake, white	" 25c	¼ oz., 2.50	oz.,	9.00

Our Wholesale Catalogue mailed free January 1st.

Stumpp & Walter Co
50 Barclay St. N. Y.

Mention the Review when you write.

THE handsomest calendar of the year comes from Geo. E. Dickinson, New York, who is the American representative of French and Dutch firms.

INDEED, I could not afford to have so good a trade paper stop coming, for I could not get along without the REVIEW. —N. H. PADGETT, Unadilla, N. Y.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

POTATO Northern Star

THE TAEK OF THE GARDENING WORLD.
For lowest cash price address
WM. DEAL, Jr., F. R. H. S.
FEERING HILL, KELVEDON, ESSEX, ENGLAND.

Novelties

In hardy fruits, including new Apples, Pears, Plums, Logan berry and Bush fruits. Catalogue fully illustrated gratis.

LAXTON BROS.
BEDFORD, - - ENGLAND.

Mention Review when you write.

DAHLIAS. POT ROOTS.

Ten Gold Medals Awarded 1903.

Pot-roots for shipment at once. Every section including the popular **Cactus Dahlias** at $4.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100.

HOBBIES LIMITED, Norfolk Nurseries, **Dereham, Eng.**

Mention Review when you write.

SEEDS

Write for prices on quantities wanted of

Peas, Cabbage, Beet, etc.

SURREY SEED CO., Ltd.
REDHILL, ENGLAND.

J. DIJKHUIS & CO.

BOSKOOP-HOLLAND.
QUALITY.... ....QUANTITY.

Ask our prices for **Azaleas, Rhododendrons, Peonies, Roses, Hardy Evergreens, Clematis, Etc.**

Price List Free on Application.

Mention the Review when you write.

New Chrysanthemums

The best of the Novelties shown at New York this year are from my last year's set.

Another great set described in my special list just out. Sent post free. Write for it.

W. WELLS & CO.,
EARLSWOOD, - - SURREY, ENGLAND.

LILIUM AURATUM, ALBUM AND RUBRUM -- NOW READY.

25 bulbs at 100 rate. 250 bulbs at 1000 rate.

	Per doz.	Per 100	Per 1000
LILIUM AURATUM, 8-9 (130 bulbs to case)	65c	$4 00	$38 00
" 9-11 (100 bulbs to case)	90c	6 50	60.00
LILIUM SPECIOSUM ALBUM, 8-9 (160 bulbs to case)	75c	5 50	48.00
" " 9-11 (100 bulbs to case)	90c	6 50	60.00
" " RUBRUM, 8-9 (160 bulbs to case)	75c	5 50	48.00
" " 9-11 (100 bulbs to case)	90c	6 50	60.00
LILIUM LONGIFLORUM MULTIFLORUM	60c	3.75	.....

JUST RECEIVED —— JAPANESE FERN BALLS.

First size 6 inches in diameter....each, 25c; per doz., $2.25; per 100, $14 00
Extra large, 7 to 9 inches diameter, " 35c; " 3.00; " 22 00

Write for Florists' Wholesale List. Just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Burpee's Seeds Grow

SEEDS

THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.
COTTON GRAIN BAGS. **CHICAGO ILL.**

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1 00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, - ALLEGHENY, PA.

Mention the Review when you write.

EXCELSIOR PEARL TUBEROSE

CALADIUM ESCULENTUM BULBS
CANNA ROOTS

Are you supplied? If not, write for prices.

JOHN F. CROOM & BRO., Growers.
MAGNOLIA, N. C.

Mention the Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention Review when you write.

RAWSON'S

Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Always Mention the....
Florists' Review
When Writing Advertisers.

ESTABLISHED 1802.

Thorburn's Bulbs

Our Wholesale Catalogue of Bulbs and Flower Seeds for Florists now ready.

LILY OF THE VALLEY PIPS.

Just arrived new crop seed of

ASPARAGUS PLUMOSUS ROBUSTUS

Which grows more rapidly, yields more sprays for cutting and is by far more valuable for florists than any other sort.
$1.00 per 100 seeds; $9.00 per 1000 seeds.

Our new Trade List will be ready the first of January and will be mailed to dealers on application.

J. M. THORBURN & CO.
36 Cortlandt St., NEW YORK.

Mention Review when you write.

Gladiolus Bulbs

Mixed colors, containing an unusually large proportion of White and Light. This stock was originally selected from a very large lot of seedlings, and was never before advertised.
All sizes from bulblets up.

M. CRAWFORD, Cuyahoga Falls, Ohio.

Mention Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.
For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention the Review when you write.

SAMUEL S. PENNOCK,
SWEET PEAS.
Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write.

Pittsburg Cut Flower Co., Ltd.,
504 LIBERTY AVE.,
PITTSBURG, Pa.
WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.

DENVER, COLO.

Christmas Trade.

Bright, sunny weather up to December 22 had a tendeney to retard orders for Christmas flowers, but a slight snowstorm on that date brought the public to realize that Christmas was on hand and business became quite brisk. The day before Christmas was a record breaker in the plant department and those who had a limited amount sold out on the 23rd. Prices were no better than last year and in some cases not quite as good, especially on Begonia Lorraine, which in this dry climate has not given the best of satisfaction to the amateur as a house plant. All retailers have complained of the unsatisfactory results from handling Lorraines, which lose their attraction in a few days from store treatment. Stock of this plant was one month too early out here, consequently there was great loss from this cause.

While the cut flower trade was very satisfactory and probably equal to previous years, there was considerable stock left over, owing to the fact that the increase in supply was one-fourth over last year and no extra provision made for handling on a retail basis, but the commission house came to the rescue again and got rid of the surplus to a great extent by shipping to mountain towns. I think the prominence given plants, and their superior character as grown out here, lessens the sale of cut flowers somewhat, especially among the middle-class, who were formerly our best buyers and who now prefer an attractive plant, which has more utility and conveys the same sentiments, to the extravagant dozen of roses, which loses its beauty in a short time. The recent change in location of one of the prominent retail stores and the establishment of a new firm does not seem to have changed the business of the older firm to any extent, although the new firm reports a good trade, especially in plants and Christmas decorations.

Great Divide.

Various Notes.

Christmas opened bright and pleasant, with all the florists as busy as could be. Take all of the different establishments, plants ran neck and neck with cut flowers. The main part of the trade came on the last two days. In regard to Christmas greens the florists all had their share and the holly in the hands of the florists was fine, with lots of berries. But this line of business is now mostly in the hands of the street venders, who use an inferior article and sell much cheaper than the florist can afford to. In plants the leaders were poinsettias, azaleas, cyclamens and Begonia Lorraine. On the whole the demand this year was not so much for high priced plants as for those of medium prices. The supply was about equal to the demand. In cut flowers the leading call was for Beauties, roses, violets and carnations.

Lyle Waterbury, the commission man, reports good sales of all flowers, with especial call for Madame Chatenay roses and poinsettias, also quite a lot of late mums which went off in a hurry. He had large sale for red bells, etc. His greatest call was for carnations. Owing to labor troubles in the mountains the shipping trade of all fell off a good deal.

All the store windows were handsomely decorated, the most noticeable being the Park Foral Co. and the Scott Floral Co., especially that of the latter, which was in red effect, mostly poinsettias and the lights red to match. The Scott Floral Co. reports a great run on the Hunt Christmas bell of tissue paper rosettes and ribbon.

Emil Glauber brought in a fine lot of Chatenay roses and lily of the valley, which were good sellers.

Enchantress was decidedly the leader in carnations, the finest of them coming from Benson and Ben Boldt, of Daniels & Fisher, and Ben also had the best poinsettias in the market.

At the City Park they had, as usual, the finest bed of poinsettias agoing, but as they are not for sale they did not conflict with the market. The finest azaleas were from the Colfax Avenue Floral Co. and the Park Floral Co., but John Sked, of the Park Floral Co., led in cyclamen and Begonia Lorraine.

Thorne.

Omaha, Neb.—Alfred Donaghue, Jr., opened his new store on Farnum street just before Christmas. It is a handsome establishment, with a conservatory in the rear and trade has started out very well.

London, O.—On Christmas night the boiler in the greenhouses of James Richardson sprung a leak which put out the fire and the plant was frozen up solid. The loss is estimated at about $1,200.

Rose "Quality"

Many of our customers tell us that since they commenced using Our Roses they have no more trouble with getting Satisfactory quality.

DON'T YOU WANT TO TRY IT?

HELLER BROS.,
South Park Floral Co., NEW CASTLE, IND.
Mention the Review when you write.

Peter Reinberg
51 Wabash Ave., CHICAGO.
WHOLESALE
Cut Flowers.

LARGEST GROWER IN THE WORLD.....
1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$8.00
" " 30-36 in. stem	6.00
" " 24-in. stem	5.00
" " 20-in. "	4.00
" " 15-18-in. stem	3.00
" " 12-in. stem	2.00
" " Short stem	1.50
	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	10.00 to 15.00
" medium	6.00 to 8.00
BRIDE	8.00 to 12.00
BRIDESMAID	8.00 to 12.00
GOLDEN GATE	8.00 to 12.00
PERLE	6.00 to 10.00
CARNATIONS	5.00 to 6.00
ROSES, OUR SELECTION	5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Mention Review when you write.

LEO NIESSEN. BRIDES AND MAIDS LIBERTIES and BEAUTIES

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

Mention the Review when you write.

If you want Beauties and Carnations, write, phone or wire **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., **PHILADELPHIA.**

Mention the Review when you write.

Grown Right
Cut Right
Packed Right
Shipped Right
Priced Right
} All Right

Winterson's Cut Flowers

IF YOU DON'T GET OUR WEEKLY PRICE LIST WE WILL BE GLAD TO SEND IT FREE ON REQUEST.

HEADQUARTERS for the CELEBRATED

"Superior Quality"

Wild Smilax

(NONE BETTER)

"Perfect Shape" Wire Work,

WHEAT SHEAVES, RIBBONS,

And all FLORISTS' SUPPLIES

CATALOGUE FREE.

E. F. Winterson Co.

MODERN SUPPLY HOUSE,

Successor to McKellar & Winterson,

45-47-49 Wabash Ave.

CHICAGO.

Mention the Review when you write.

Rice Brothers

128 N. 6th Street,
MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

WILD SMILAX—Flowers billed at market prices.

Shippers of Choice Cut Flowers and Greens of all kinds. Try us.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 30.

	Per doz.
Beauties, Specials	$7.50
" Extra	5.00
" No. 1	4.00
Queen of Edgely	6.00
" " " No. 1	3.00
" " " No. 2	2.00
	Per 100
Bride and Bridesmaid, Specials	$12.00 to $15.00
" " No. 2	4.00 to 8.00
Golden Gate, Firsts	12.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Specials	25.00 to 50.00
" Firsts	6.00 to 15.00
Meteor, Firsts	12.00 to 15.00
" Seconds	4.00 to 8.00
Perle	4.00 to 10.00
Sunrise	6.00 to 12.00
Ideal, Firsts	12.00 to 15.00
" Seconds	8.00 to 10.00
Carnations, Commons	3.00 to 4.00
" Fancies	5.00 to 8.00
" Novelties	10.00 to 12.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
Bouvardia	4.00 to 5.00
Callas	10.00 to 12.50
Daisies	.75 to 1.00
Hyacinths, Roman	3.00 to 4.00
Lilium Longiflorum	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus, Paper White	3.00 to 4.00
Poinsettias	15.00 to 30.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.00
Sweet Peas	1.00 to 1.50
Violets, Double	1.50
" Single	.75

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

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New York, Dec. 28.

	Per 100
Beauties, Specials	$75.00 to $100.00
" Extra	25.00 to 50.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	12.00 to 15.00
" " Extra	8.00 to 10.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 4.00
Golden Gate	4.00 to 15.00
Liberty	6.00 to 25.00
Meteor	3.00 to 12.00
Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 15.00
Dendrobium Formosum	30.00 to 50.00
Carnations, Common	1.50 to 2.00
" Selects	2.00 to 3.00
" Fancies	3.00 to 5.00
" Novelties	10.00 to 15.00
Adiantum Cuneatum	.25 to .50
" Croweanum	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 50.00
Callas	8.00 to 12.00
Lilium Harrisii	8.00 to 12.50
Lily of the Valley	2.00 to 4.00
Mignonette	2.00 to 10.00
Narcissus	3.00 to 4.00
Smilax	8.00 to 10.00
Violets	.25 to 1.00
" Specials	1.00 to 1.25

Stevia, 15c to 25c per bunch.
Galax, $1.00 per 1000.
Common Ferns, $1.00 per 1000.

Christmas prices as quoted last week held up to Wednesday night, but then came a tremendous slump, about to the prices named above. The supply was very large and quantities of stock were left unsold.

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Large flowered Clematis, finest purple, lavender, white and pink sorts. 2-year field-grown or from 5 in. pots at 18c; 1 year field-grown or from 3-in. pots at 9c. Clematis Paniculata fine 2-year field-grown, 6c. Packing free for cash.
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Florists' Review

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Wholesale Cut Flower Prices.

Pittsburg, Dec. 28.

	Per 100
Beauties, Specials	$50.00 to $75.00
" Extra	25.00 to 40.00
" No. 1	10.00 to 20.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	15.00
" " " Extra	10.00 to 12.00
" " " No. 1	6.00 to 8.00
" " " No. 2	2.00 to 4.00
Cusin	4.00 to 12.00
Golden Gate	4.00 to 10.00
Ivory	4.00 to 8.00
Kaiserin	4.00 to 8.00
Meteor	4.00 to 15.00
Sunrise	4.00 to 6.00
Carnations, Common	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancy	5.00 to 6.00
" Novelties	8.00 to 12.00
Adiantum Cuneatum	.75 to 1.00
Asparagus plumosus, Strings	40.00 to 50.00
" Sprays	2.00 to 4.00
" Sprengeri, Sprays	2.00 to 4.00
Callas	8.00 to 10.00
Daisies	1.00 to 2.00
Hyacinths, Roman	1.00 to 4.00
Lilac per bunch,	1.50 to 2.00
Lilium Longiflorum	15.00 to 20.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	3.00 to 4.00
" fancy	6.00
Narcissus	3.00 to 4.00
Pansies	1.00 to 2.00
Smilax	12.00 to 15.00
Stevia	1.50 to 2.00
Sweet Peas	1.00 to 1.50
Tulips, single	4.00
Violets, ordinary	1.00 to 2.50

Milwaukee, Dec. 30.

	Per 100
Brides and Maids, Specials	$10.00 to $12.00
" " Extra	8.00 to 10.00
" " No. 1	6.00 to 8.00
" " No. 2	4.00
Golden Gate	4.00 to 8.00
Kaiserin, Specials	12.00 to 15.00
Liberty, "	12.00 to 15.00
Carnations, Commons	4.00
" Selects	5.00 to 6.00
Asparagus plumosus, Strings	50.00
" Sprays	25.00 to 35.00
" Sprengeri "	25.00 to 35.00
Callas	1.50 to 2.00
Hyacinths, Roman	3.00 to 4.00
Lily of Valley	3.00 to 4.00
Smilax	15.00
Stevia	1.50 to 2.00
Violets ordinary	1.50 to 2.00
Common Ferns	.20

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

WE felt there was something missing from our business and note we have not renewed our subscription to the REVIEW; here is the dollar; please send the back numbers.—EGGELING FLORAL CO., St. Louis.

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Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

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Sphagnum Moss, $1.75 per large bale.

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Wholesale Cut Flower Prices.

Chicago, Dec. 30

	Per doz.
Beauties, 36-inch stems	$8 00
" 30 "	6.00
" 24 "	5.00
" 20 "	4.00
" 15 "	3.00
" 12 "	2 00
" Shorts	1.50
	Per 100
Bridesmaids, Specials	$15.00
" Firsts	$8.00 to 12.00
Brides, Specials	15.00
" Firsts	8.00 to 12.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	12.00
" Seconds	8.00 to 10.00
Meteor, Firsts	15.00
" Seconds	8.00 to 12.00
Mme. Chatenay, Firsts	12.00 to 15.00
" Seconds	6.00 to 10.00
Carnot, Firsts	15 00
" Seconds	8.00 to 12.00
Ivory, Firsts	12.00
" Seconds	8.00 to 10.00
Sunrise, Firsts	10.00 to 15.00
" Seconds	6.00 to 8 00
Perles, Firsts	10.00
" Seconds	6.00 to 8.00
Carnations, Fancy	6.00
" Commons	3.00 to 5.00
Violets	.75 to 2.00
Paper Whites	3 00 to 4.00
Romans	3.00 to 4.00
Easter lilies, $2 00 doz.	
Callas, $1.50 per doz.	
Poinsettias, $2.00 to $5.00 per doz.	
Mignonette, $1.00 to $2.00 per doz.	
Valley	4.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $1.50 per doz.	
Common ferns, per 1000, $2.00.	
Galax Leaves, $1.00 to $1.50 per 1000	

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

New Lilies.—Though no particularly new lily has been brought prominently forward this year, no less than four have received either first-class certificates or awards of merit from the Royal Horticultural Society. This is in excess of many previous years, the general rule being one or two. Lilium auratum platyphyllum Shirley variety, which gained the higher award, is a very fine form of the broad-leaved variety of L. auratum, and in every way a striking lily. The absence of spots on the flowers is pronounced. L. Kelloggi, if exhibited as a hybrid between L. pardalinum and L. rubescens, would be regarded as strictly intermediate between its parents. L. elegans Peter Barr is one of the finest varieties of L. elegans. L. speciosum magnificum is in all probability an importation from Japan, and is certainly in every way a very fine lily. The color is a deep reddish-rose, with lighter tips, while the basal half of the petals is dotted with crimson.

Roses.—With regard to the varieties of a rambling character that are suitable for the formation of pillars, I would suggest that less attention should be paid to Crimson Rambler. It is a marvelously beautiful rose, but it should not be grown to the exclusion of all other varieties of a similar character. Not only is variety desirable, but this old favorite appears to greater advantage when associated with others differing in color than when grown exclusively. I would suggest the following, with Crimson Rambler, as desirable where there is space for a few only: Blush Rambler, Dorothy Perkins, Debutante, Queen Alexandra, Perle des Neiges, Psyche, Sweetheart, Tea Rambler, Thalia and Waltham Rambler.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
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Wholesale Growers of Cut Flowers.
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GREENHOUSE, ROGERS PARK, ILL.
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With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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FRANK GARLAND,
Wholesale Grower of Cut Flowers.
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
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J. A. BUDLONG
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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59 WABASH AVE. CUT FLOWERS CHICAGO

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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26 Miami Ave., Detroit, Mich.

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Wholesale Cut Flower Prices.

Cincinnati, Dec. 29.

	Per 100
Beauties, Specials	$85.00 to $100.00
" Extra	50.00 to 70.00
" No. 1	25.00 to 40.00
" Shorts	8.00 to 15.00
Brides and Maids, Specials	15.00
" " Extra	10.00 to 12.00
" " No. 1	7.00 to 8.00
" " No. 2	4.00 to 6.00
Cusin	4.00 to 8.00
Golden Gates	5.00 to 12.00
Liberty	6.00 to 25.00
Meteor	6.00 to 20.00
Perle	4.00 to 10.00
Sunrise	4.00 to 12.00
Carnations, Commons	3.00 to 4.00
" Selects	5.00 to 6.00
" Fancies	8.00 to 10.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00 to 12.50
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 5.00
Narcissus	3.00 to 4.00
Poinsettias	15.00 to 25.00
Smilax	12.50 to 15.00
Violets, ordinary	1.00
" extra	2.00
Galax	.15
Leucothoe	.50
Common Ferns	.20

Baltimore, Dec. 28.

	Per 100
Am. Beauty	$12.00 to $50.00
" Shorts	4.00 to 10.00
Bride and Bridesmaid	4.00 to 10.00
Golden Gate	4.00 to 10.00
Liberty	4.00 to 10.00
Meteor	4.00 to 10.00
Perle	4.00 to 8.00
Carnations, Commons	1.50 to 2.00
" Selects	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus plumosus, Sprays	2.00
" Sprengeri, Sprays	2.00
Callas	10.00 to 12.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	3.00 to 4.00
" fancy	4.00 to 6.00
Narcissus	3.00 to 4.00
Poinsettias	15.00 to 20.00
Smilax	15.00 to 20.00
Violets	.50 to .75

After a Christmas trade nearly if not quite up to previous years, there is a general and natural lull, but the prospects are for continued good business and all offerings are taken at fair prices.

WE cannot afford to do without the REVIEW.—G. M. THOST, De Soto, Mo.

C. A. KUEHN

WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wiré Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

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Grower and Commission Dealer in.....

Cut Flowers and Florists' Supplies,

Telephone Main 980.

130 E. 3d Street, CINCINNATI, OHIO.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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Mention Review when you write.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

St. Louis, Dec. 30.

	Per doz.
Beauties, Specials	$9.00 to $10.00
" Extra	6.00 to 8.00
" No. 1	4.00 to 5.00
" Shorts	1.50 to 2.00
	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	6.00 to 10.00
Golden Gate	6.00 to 8.00
Liberty	6.00 to 8.00
Meteor	5.00 to 8.00
Perle	4.00 to 5.00
Sunrise	4.00 to 5.00
Carnations, Commons	4.00 to 6.00
" Fancies	8.00 to 10.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.25 to 1.50
" Sprengeri, "	1.25 to 1.50
Bouvardia	3.00 to 5.00
Callas	10.00 to 12.50
Freesia	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
Lily of the Valley	4.00 to 5.00
Mignonette, ordinary	2.00 to 3.00
" fancy	4.00 to 5.00
Narcissus	4.00 to 5.00
Poinsettias	15.00 to 25.00
Smilax	12.50 to 15.00
Stevia	1.00 to 1.25
Sweet Peas	1.00 to 1.50
Violets, ordinary	.50 to .75
" extra	1.00 to 1.50
Galax	.15
Common Ferns	.15

I DO not want to miss seeing my old friend, the REVIEW, once a week.—S. S. PYLE, Toughkenamon, Pa.

ANONYMOUS queries cannot receive attention. Names and addresses are necessary.

THE adv. in the REVIEW sold the carnation plants.—Jos. Heinl, Jacksonville, Ill.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

FRANK M. ELLIS,

WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

LONG DISTANCE TELEPHONE MAIN 2018 M.

THE FINEST OF EVERYTHING IN SEASON. PLENTY OF.... SELECT VALLEY and AMERICAN BEAUTIES

Write us when in need of CHOICE STOCK. A complete line of FLORISTS' SUPPLIES.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.

Telephone Calls: 340 and 341 38th Street.

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WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,

Tel. 192 Riverside,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.,

1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.

Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

Long distance phone, Evanston 56.

THE NORTHWEST.

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311 SUTTER ST., SAN FRANCISCO, CAL.

Sievers & Boland,

25-27 Post Street, San Francisco, Cal.

Siebrecht & Son

WHITE PALACE

Corner Fifth Ave. and 38th St., NEW YORK.

Telegraph us your

HOLIDAY ORDERS

And depend on us to please your customers in any city in this country or Europe.

STEAMER DELIVERIES A SPECIALTY.

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WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

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Cincinnati, Ohio

ALBANY and NEW YORK

or any place between

SALTFORD

at POUGHKEEPSIE

Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

A. WIEGAND & SONS,

FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

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1224 F Street, Northwest,

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The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

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4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

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HUGH GRAHAM,

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104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

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WILL BE FILLED BY

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

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WILLIAM L. ROCK,

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1116 Walnut St., Kansas City, Mo

Clarke Bros.

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RETAIL FLORISTS.

(CONTINUED.)

WM. SCOTT,

Main and Balcom Sts.

Buffalo, N. Y.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

J. J. Beneke,

1220 Olive Street. ST. LOUIS, MO.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

FOLEY'S FLORAL FOTOGRAPHS

Send for my Floral Album, size 12x11, containing 24 different funeral designs Sent to any part of the country by express, $7.00 c. o. d.

226-226½ Bowery, NEW YORK.

The Anna Foster Fern

VERY LOW PRICES. LARGE STOCK.

Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.

BOSTON FERNS.

Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.

Asparagus Plumosus Nanus.

3-in., $8.00 per 100. **SPRENGERI**—3-in. $5.00 per 100. Just right for pans.

Kentia Palms. Ficus.

L. H. FOSTER,

45 King Street, DORCHESTER, MASS.

Mention the Review when you write.

INTERESTING IF TRUE.

The St. Louis Post-Dispatch of December 24 prints the following:

Back of the technical charge of petit larceny against Thomas Little, based on allegations of the theft of a pickax and shovel valued at $1.50 from Dr. O. F. Barnes, of 1431 North Newstead avenue, lies the more imposing charge of substituting poison ivy for smilax and miserable little tea roses for American Beauties in laying out front-yard flowers gardens.

Little is a floriculturist and landscape gardener. Dr. Barnes charges that he gave Little a commission to arrange his flower garden and ornament it with beautiful vines and fragrant flowers, but that Little instead of planting smilax and American Beauties, planted poison ivy and tea roses. Then, he says, Little went away with the pickax and shovel.

It is charged that Little represented himself as the agent of a florist at Union and Spalding avenues. He is under arrest on a warrant charging him with petit larceny.

EVERY BUNCH of roses or flowers that goes out of your shop tied with the RIGHT RIBBONS is an advertisement of quality. Your roses and flowers will look better, therefore their value is enchanced.

Better value means better prices to you. This however at a less cost, for the RIGHT RIBBONS are better quality than the usual sort—dyed better, woven better, and cost more to make.

But—when you buy direct from a mill "you save all between profits."

The Pine Tree Silk Mills Company

Philadelphia

These noted qualities are used by Florists:

MONARCH—Satin Talleta—**CLIMAX.**

CONQUEROR—Metallique Taffeta—**CYCLONE.**

OFFICE AND SALESROOMS:

806-808-810 ARCH STREET.

Mention the Review when you write.

PITTSBURG.

Christmas Trade.

Christmas trade was active and sales equal to, and with quite a few in excess of, last year. Transient trade was very light and consequently cash sales were not as good as last Christmas. The demand was for the better quality of flowers and plants; prices seemed to be no object if the quality was there. Very unfavorable weather conditions December 24 checked business to some extent with all. The Pittsburg and Allegheny market florists, who have their shops out in the open suffered considerably. The warm, balmy days of December 23, 24 and the morning of the 25th permitted the florists to make their deliveries without extra packing; the blizzard held off until Christmas night.

Stock was plentiful enough for Christmas; in fact roses were in big supply and quantities of the poorer qualities and unhealthy stock remained unsold on the hands of the wholesalers. Receipts on roses on Monday and Tuesday were larger than expected and again on Wednesday and Thursday they arrived in large quantities. Carnations and Beauties were in large supply and the demand was brisk.

Paper White narcissi and Roman hyacinths and red tulips sold slowly. The demand for violets and valley was heavy. Mignonette, sweet peas and white lilac sold only fairly well. Prices were lower than last year on tea roses and Beauties, while carnations sold at a better figure. The quality of much of the shipped stock was soft and salting was again noticeable on roses. Few of our local growers practice the hoarding up of stock until it is unfit for sale.

There was little business on Christmas morning and the Saturday following, the advent of a heavy snowstorm and cold wave which struck us Christmas night checking the demand for stock.

Various Notes.

The call for decorative greens was very good and everyone sold out fairly well. Holly of fine quality was plentiful and cheap. In large lots one could buy it at $2.50 per case.

A. M. Murdoch had an elaborate decoration at the Pittsburg Club on Christmas eve.

John Bader reports business very good and the demand for pot plants for Christmas is on the increase every year.

P. Maier brought in a fine lot of Proserpine tulips for Christmas.

Fred Burki's place, The Pittsburg Rose and Carnation Co., was in full crop and their cut of Maids, Brides and carnations was immense. Undoubtedly the finest Maids and Brides in the market came from this place.

Lloyd Swarthout, of Washington, Pa., had a house of elegant poinsettias which came in just right for Christmas.

The Pittsburg Cut Flower Co. received some fine Enchantress carnations from B. L. Elliott's Cheswick greenhouses.

Wm. Kroeck, our old friend Billy, reports good Christmas business.

Sidney Gibbs is shipping some very fine stevia to the Cut Flower Co.

Do not forget the next meeting of the Florists' Club Tuesday evening, January 5. It will be "rose night."

G. A. McWilliams, of Natrona, left last Monday on a pleasure trip. Florida is his destination.

This year closed with better prospects than expected, and the trade outlook for the New Year is cheerful.

Hoo-Hoo.

DAYTON, O.

The trade in Dayton was all that could be asked or expected. All the florists had a fair supply of flowers. One florist handled seventy-five cases of holly in a retail way and made and sold over 4,000 wreaths. The Miami Floral Co. had a fine cut of roses and carnations of a good quality, they having the only wholesale place in the city, and the Dayton florists were very glad to be able to obtain such good stock delivered promptly, therefore not much shipped stock in our city this season. M.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in., Savitzii, $3.00; Eclipse, $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2 00 100. Rooted cuttings of same, $1,00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

ARAUCARIAS.

Araucaria excelsa, from 3S, 20 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 2-inch pots, $1.50 100. Plumosus, 2-inch, $3.00 100.
Sherman Nursery Co., Charles City, Ia.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2¼-inch, $3.00 100.
Walker & McLean, Youngstown, O.

Asparagus plumosus, 3-in., $7.00 100, $60.00 1000; 2-in., $3.50 100.
C. W. Cox, 2d and Bristol Sts., Philadelphia.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus Sprengeri, 2½-in., $2.00, 3-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, fine 4½-in. stock, $10.00 per 100. C. W. Keller, Woodmere, Mich.

Asparagus Sprengeri, $2.00 per 100. Fine plants. Wm. Keir, Pikesville, Md.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri and plumosus, 2, 2½, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-inch, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $3.50 per 100; E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

AZALEAS.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

10,000 Azaleas for sale up to Easter; 2,000 now in bloom, from 50c to $1.50 each.
A. Leuthey, Roslindale, Boston, Mass.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea manicata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Loraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parsil, Summit, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

BERRIED PLANTS.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

	12.	100.
Begonia tuberous rooted, white, rose, scarlet, yellow, orange, single separate colors. 1—2-in.	$0.35	$2.25
Dbl., sep. colors	.65	4.50
Gloxinia erecta crass., white, red, lilac, blue, tigered, sep. colors	.60	4.00
All colors mixed	.50	3.00

Caladium esc., fancy leaved.
Canna, gladioli for forcing, etc.

Lil. Harrisii, Bermuda, cold storage:	100.	1000.
5x7, case 400, $7.00	$2.00	$15.00
6x7, case 300, $8.00	3.00	22.00

H. H. Berger & Co., 47 Barclay St., N. Y.

JAPANESE LILIES NOW READY.

Lilium auratum:	12.	100.	1000.
8-9, 130 to case	65c	$4.00	$38.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum album:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium speciosum rubrum:			
8-9, 160 to case	75c	5.50	48.00
9-11, 100 to case	90c	6.50	60.00
Lilium longifl. multi	60c	3.75	

Write for florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

SURPLUS BULBS.
WE MUST SELL QUICK.
NO REASONABLE OFFER REFUSED.
For varieties see displayed adv., or write us.
ST. LOUIS SEED CO., St. Louis, Mo.

Gladiolus bulbs, mixed colors, large proportion of white and light. All sizes from bulblets up. Selected stock. Never before advertised. M. Crawford, Cuyahoga Falls, O.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4-in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthes, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antignon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Excelsior Pearl tuberosea and Caladium esculentum bulbs. Write us.
John F. Croom & Bro., Magnolia, N. C.

CANNAS.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

The leading novelty in cannas, MT. BLANC. Send for my prices.
Edward Harris, Box 25, Moorestown, N. J.

CARNATIONS.

Carnations. Well rooted, healthy cuttings of the following varieties.

Pink.	Per 100.	1000.	White.	100.	1000.
Lawson	$1.50	$12.50	Flora Hill.	1.50	12.50
Nelson	1.50	12.50	Wh. Cloud	1.50	12.50
G'n Angel.	1.25	10.00	Peru	1.50	12.50
H'botham.	1.50	12.50	Q'n Louise	1.50	12.50
Sibyl	3.00	25.00	Norway	1.50	12.50
McKinley.	3.00	25.00	Gov.L'nder	3.00	25.00
Joost	1.25	10.00	Red.		
Cressbrook	1.50	12.50	Estelle	2.00	15.00
Variegated.			Mrs. Ine.	1.25	10.00
Bradt	2.00	15.00	G.H.Crane.	2.00	15.00
Prosperity.	2.00	15.00	Chicago (Red		
Murphy's			Bradt)	2.00	15.00
White	$3.00	$25.00	H'low'den	3.00	25.00
			Roosevelt.	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

	100	1000		100	1000
Bo'n Mk't.	$4.00	$35.00	Glacier	$2.50	$20.00
Fair Maid.	4.00	35.00	Marquis	2.50	20.00
Wolcott	4.00	35.00	Dorothy	2.50	20.00
McKinley.	3.50	30.00	G. Ro'sev't	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	17.50
Estelle	3.00	25.00	Lorna	2.00	17.50
Floriana	3.00	25.00	Norway	2.00	17.50
Innocence	3.00	25.00	Mnceo	2.00	17.50
Prosperity	3.00	25.00	Gomez	2.00	17.50
Gaiety	3.00	25.00	Success	2.00	17.50
Stella	3.00	25.00	Triumph	1.50	12.50
Lawson	2.50	20.00	White Cl'd	1.50	12.50
M'g Glory	2.50	20.00	Cash or C. O. D.		

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings. My plants are small, but I have no stem-rot and have increased my facilities for propagating so that cuttings will be turned out in the best possible condition and properly packed. Varieties I can furnish by the 1,000 are Crocker, Nelson, Floriana, Adonis, Enchantress and Queen Louise. Varieties I can furnish by the 250 only are Lillian Pond, Innocence, Wolcott, The Queen, Murphy's White, May Naylor, Her Majesty, Harry Fenn, Apollo, Golden Beauty, Success, Mrs. Roosevelt, Sybil, Tiger, President McKinley, Gaiety, Mrs. Higinbotham and Lawson. Send list of wants for prices.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.50	$12.50
America	2.50	20.00	W. Cloud	1.50	12.50
Palmer	2.50	20.00	Q. Louise	1.50	12.50
PINK.			Norway	1.50	12.50
Lawson	2.00	17.50	LIGHT PINK.		
Dorothy	2.00	17.50	Enchantress	5.50	50.00
Nelson	2.00	17.50	Hig'botham	2.50	20.00
G. Angel.	1.50	12.50	M. Glory.	2.50	20.00
Triumph	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity.	2.50	20.00
Crocker	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Strong rooted carnation cuttings, free from disease.

	100.	1000.		100.	1000.
Ench'tress	$5.50	$50.00	Wolcott	$3.50	$30.00
Nelson	3.50	30.00	Boston Mkt	3.50	30.00
Lawson	2.25	20.00	Innocence	2.50	22.50
Inquirer	2.50		Glacier	1.75	15.00
Dorothy	2.50		Wh. Cloud.	1.75	15.00
Joost	1.75	15.00	Hill	1.75	15.00
Marquis	1.75	15.00	Crane	2.00	18.00
Apollo	3.50	30.00	Estelle	3.50	30.00
Fenn	3.50	30.00	Prosperity	2.00	18.00

Cash with order.
Buckley Plant Co., Springfield, Ill.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	6.00	50	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

Carnation rooted cuttings from No. 1 stock.

	100.	1000.		100.	1000.
Cressbrook	$2.00	$15.00	Estelle	$4.00	$35.00
F. Joost	2.00	15.00	Lillian Pond	6.00	50.00
Ench'tress	6.00	50.00	The Queen	6.00	50.00
Fair Maid	3.00	25.00	Mur'a Wh.	4.00	35.00
T.W.Law'n	3.00	25.00	Gov.W'cott	3.50	30.00
Gov.R'velt	3.00	25.00	Boston Mkt	3.00	25.00
Gen.Maceo	2.50	20.00	Q'n Louise	2.00	15.00
Gov. Crane	2.50	20.00	Freedom	1.50	10.00
Adonis	8.00	70.00			

P. E. Richwagen, Needham, Mass.

Rooted carnation cuttings ready early in January.

Pond.	Estelle.	Stella.
Peru.	Glacier.	Lawson.
Lorna.	Prosperity.	G. Beauty.
Marquis.	Roosevelt.	Mrs. T. Roosevelt
Lowndes.	M'n'g Glory.	Mrs. E. A. Nelson

Clean, well rooted, healthy stock. Place your orders now. JOHN H. DUNLOP, Toronto, Ont.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $50.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Carnation cuttings; 6000 Lawson ready, $3.00 100; $25.00 1000. Orders booked for January and February delivery of the following:

	100	1000		100	1000
Goethe	$3.00	$25	Genevieve L.	$2.50	$20
Prosperity	3.00	25	Gen. Maceo	2.50	20
Harry Fenn	3.00	25	Mrs. Joost	2.00	15
Manley	3.00	25	Wm. Scott	2.00	15
Mrs. Bradt	3.00	25	L. McGowan	2.00	15
Gen. Cervera	3.00	25			

Charles Weber, Lynbrook, L. I., N. Y.

Unrooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Prosperity	$1.25	$10.00
Hill	1.00	7.50	Lil'n Pond.	2.00	15.00
Q. Louise	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen.	2.00	15.00
Fair Maid.	1.25	10.00	Enchantress	3.00	25.00
Roosevelt	1.25	10.00	Challenger	1.25	10.00

All healthy stock.
UTICA FLORAL CO., Utica, N. Y.

Now ready, as fine stock as the best in the country: Enchantress, $6.00 100; $50.00 1000. Lawson, $2.00 100; $18.00 1000. Prosperity, $2.00 100; $18.00 1000. Peru, $1.50 100; $10.00 1000. The following will be ready January 1: Crane, America, Hill, Cloud, Queen Louise and Dorothy, $2.00 100; $17.50 1000. If stock is not satisfactory when received return it at my expense. W. W. COLES, Kokomo, Ind.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.

W. K. Partridge, Sta. R., Cincinnati, O.

Extra strong, well rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Roosevelt	$2.00	$15
Prosperity	3.00	25	Joost	1.50	12
Mrs. Bradt	3.00	25	Gen. Gomez	1.50	12
Manley	3.00	25	Q. Louise	2.00	15
Lawson	3.00	25	McGowan	1.50	12

Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

Strong, healthy rooted cuttings from sand:

	100.		100.
Mrs. Joost	$2.00	Marquis	$2.50
Prosperity	3.00	Norway	2.00
Crane	2.50		

WM. SCOTT, Corfu, N. Y.

Rooted carnation cuttings.	100.	1000.
Lillian Pond	$5.00	$40.00
Enchantress	6.00	50.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings of McGowan, $1.25 100; $10.00 1000. Cash.
Rockville Greenhouses, Rockville Centre, N. Y.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.	100	1000
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

Carnations, ready to go out of cutting bench.

	100.	1000.		100.	1000.
Wolcott	$3.50	$30.00	Enchant'ss	$5.00	$45.00
Lawson	3.00	25.00	Palmer	3.00	25.00
Harlow'den	5.00	.....	Hig'botham	4.00	.....
Prosperity	3.00	.....	Pond	5.00	.....

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. 1,500 extra fine Fair Maid rooted cuttings, $2.75 a 100, now ready. Orders booked for Glacier, Hill, Foster, Joost, Lawson, Fair Maid, Maceo, Gomez, Norway, Queen Louise, Boston Market. Otto Bourdy, Lowell, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

INDIANAPOLIS is the best bright pink carnation in sight. We ask you to come and see it growing—you will surely want it. Price: $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities, and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100; $75.00 1000.
Jerome A. Suydam, Flatbush, N. Y.

Orders booked now for carnation cuttings; clean, healthy and well rooted. Enchantress, $6.00 100. Lawson, $2.50 100; $20.00 1000. Flora Hill, $2.00 100; $15.00 1000. White Cloud, $1.50 100; $12.50 1000. Norway, $1.50 100.
D. C. Noble, Columbia City, Ind.

Only first-class rooted cuttings. Price per 100: Gov. Wolcott, $4.00; Lawson, $3.00; Hoosier Maid, White Cloud, Crane, Bradt, Roosevelt, $2.00; Marquis, Dorothy, $1.50. Cash or C. O. D. Henry Baer, Peoria, Ill.

The Queen, the best commercial white carnation to date. Rooted cuttings now ready. Price $6.00 100; $50.00 1000. Cash with order from unknown parties.
S. J. Goddard, Framingham, Mass.

FLAMINGO, the finest scarlet ever introduced. ALBATROSS, the whitest of the whites. SUNBIRD, the best of the yellows. Write the introducer. L. E. MARQUISEE, Syracuse, N. Y.

Two new white carnations for 1904, LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Bedford, Mass.

Rooted carnation cuttings. Per 100: Lawson, $1.50; Boston Market, $2.00; a few hundred Enchantress, $5.00. Prepaid.
E. V. Myers, Florist, St. Joseph, Mo.

GOV. WOLCOTT rooted cuttings, $3.00 per 100, $25.00 per 1000. Orders booked now for Jan. and Feb. delivery.
P. R. De Muth & Sons, Connellsville, Pa.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to.
John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Carnation rooted cuttings. Enchantress, $6.00 100. Wolcott and Boston Market, $3.00 100.
Frank Danley, Macomb, Ill.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Queen Louise, 2-inch, $2.00 100. Lawson, 2-inch, $2.50 100. Cash or C. O. D.
George M. Emmans, Newton, N. J.

Rooted carnations now ready. For varieties and prices see our displayed adv.
California Carnation Co., Loomis, Cal.

Field-grown plants and rooted cuttings. Write for estimates on your wants.
W. H. Watson, Son & Co., Lapeer, Mich.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Penryn, Cal.

BUSINESS BRINGERS—
Review
Classified Advs.

CHRYSANTHEMUMS.

Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thurndon, $10.00 100; Geo. W. Childs, Viviand-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Robt. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.

Walker & McLean, Youngstown, O.

Chrysanthemum stock plants. Halliday, R. H. Pearson, Viviand-Morel, Appleton, T. Eaton, Fee du Champsaur, White and Yellow Jones, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8.00 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden Powell, $10.00 100. Park, $5.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Mum stock plants. Last call. Robinson, large stock, 3c each. Halliday, Adrian, Yanariva, 5c each. Mme. Cadbury, Mrs. Coombes, 10c each. Alice Byron, a few left, 20c each. All others sold out. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.
F. R. Hills, 1000 No. 8th Ave. Maywood, Ill.

Chrysanthemum stock plants in the following varieties at 75c a doz.: Pennsylvania, Philadelphia, Mrs. H. Robinson, Mme. Bergmann, Ivory, Mrs. Perrin, Major Bonnaffon, Mutual Friend and Golden Wedding.
C. C. POLLWORTH CO., Milwaukee, Wis.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Superba, Lav. Queen, Whilldin, Wedding, $5.00 100. Chamberlain, white Bonnaffon, $10.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 doz. Liger, Richardson, Yellow Eaton, $1.50 doz.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

CHRYSANTHEMUMS—Continued.

Hardy pompon chrysanthemum list of over 100 varieties now ready. Ask for it. Orders booked now for spring.
R. Vincent, Jr. & Son, White Marsh, Md.

ESTELLE, the money-making mum. Strong stock plants, $1.50 doz. Get true stock from the originator, H. M. Altick, Dayton, O.

Chrysanthemums, Stock plants, early varieties now ready. Write for varieties and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.
Louis Derocher, Avon, Mass.

Chrysanthemum stock plants full of young growth—Appleton, Bonnaffon, Ivory.
Otto Bourdy, Lowell, Mass.

CINERARIAS.

Cinerarias for Easter blooming. Dwarf large-flowering, 2-in., $1.50 100.
J. W. Miller, Hatton, Pa.

Cineraria hybrida, fine strain, 6-in. pots. Price on application.
Wolte & Eccles, Sea Cliff, L. I., N. Y.

Cinerarias. Strong plants, 4-in., $5.00 100; 5-in., $6.00. F. J. Prouty, Spencer, Mass.

CLEMATIS.

Clematis, large flowered, finest purple, lavender, white and pink sorts, 2-yr. field-grown or from 5-in. pots, 15c; 1-yr. field-grown or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Packing free for cash.
W. H. Salter, Rochester, N. Y.

Clematis, leading var., strong, true to name, $25.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., 35c doz.; $1.50 100. Cash.
Dana & Son, Westfield, N. Y.

CYCAS.

Cycas by the 1000. Get my prices.
F. H. KRAMER, Washington, D. C.

CYCLAMEN.

Cyclamen. Fine plants in bloom, 6-in., $6.00 doz.
Geo. A. Rackham, 880 Van Dyke, Detroit, Mich.

Cyclamen, well set, with buds, $12.00 per 100.
C. Winterich, Defiance, O.

DAHLIAS.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Dahlias. 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Dahlias, 30 named varieties, true to name, just as dug, $5.00 per 100. Send for catalogue.
F. L. Tinkham, Main St., Brockton, Mass.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Daisies, giant double; fine plants, 35c 100; $2.50 1000. J. C. Schmidt Co., Bristol, Pa.

DEUTZIAS.

Deutzia gracilis, fine, pot-grown, $15.00 100. D. Lemoinei, pot-grown, $20.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

DRACÆNAS.

Dracaena Bruanti, just the right plant for decorative purposes, 25 inches high, full of foliage from top to bottom, 6-in. pots, 50c or $5.00 doz. Cash please.
Godfrey Aschmann, 1012 Ontario St., Phila.

Fresh Dracaena terminalis canes, lots of eyes, 12c per ft.
Wm. Elliott & Sons, 54 Dey St., N. Y.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa from flats, $1.50 per 100.
Walker & McLean, Youngstown, O.

Dracaena indivisa, 2-in., $2.50 100.
E. L. Rawlings, Quakertown, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

FERNS.

CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.

4-in. pots	$0.50 each,	$ 5.50 doz.
5-in. pots	0.75 each,	8.50 doz.
7-in. pots	2.00 each,	23.00 doz.
8-in. pots	2.75 each,	32.00 doz.

For larger specimen plants, prices on application.

FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000. 4-in. pots, $12.00 100, $110.00 1000.

ADIANTUM CUNEATUM, very bushy, 4-in. pots, $12.00 100; $110.00 1000; 500 at 1000 rate.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

PIERSONI, FOSTER AND BOSTONS.

PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.

ANNA FOSTER ferns, 2½-in., $5.00 per 100, $40.00 per 1000; 3-in., $8.00 per 100; 6-in., 75c each; 7-in., $1.00 each.

BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

Piersoni ferns. Per 100: 2¼-in., $10.00; 3-in., $15.00; 4-in., $20.00. These plants are ready for a shift into larger sizes, and will make fine stock for Easter sales. I have about 10,000. You must speak quickly if you want any at these figures. Cash with order. Write for special prices on Boston ferns.
Chas. H. Campbell, 3601 Germantown Ave., Philadelphia, Pa.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $10.00 100; 2½-in., $16.00 100; 4-in., 50c each; 5-in., 75c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

ANNA FOSTER ferns, cut from bench, for 6-in., $35.00 100. Beautiful plants in pots, 5-in., $4.00; 6-in., $9.00; 7-in., $15.00; 8-in., $24.00; 9-in., $36.00 per doz.

BOSTONS. Full, large plants cut from bench, $50.00 per 100; also in any quantity, $25.00 100.
L. H. FOSTER, Dorchester, Mass.

Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for ferneries at $3.00 per 100. Get our snap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
F. H. KRAMER, Washington, D. C.

Fern balls, 1st size, 6-in., 25c ea.; $2.25 doz., $14.00 100. Extra large, 7 to 9-in., 35c ea.; $3.00 doz., $22.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Boston ferns, from benches, fine, strong plants, $35.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Adiantum cuneatum, 4-inch, $15.00 100; Nephrolepis Wittboldii, 3-inch, $8.00 100.
Walker & McLean, Youngstown, O.

200 fine Bostons for 5 and 6-in. pots from bench, for sale cheap to make room.
J. A. Swartley & Sons, Sterling, Ill.

Boston ferns, 7-in., very large, bushy specimens, $1.00 each. Cash please.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, 7-in., $1.00; 8-in., $1.25; 9-in., $1.50 each. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Piersoni and Boston ferns. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Boston and Piersoni ferns, pot-grown, 2½ to 10-in. Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 2½-in., $4.00 100.
The Storrs & Harrison Co., Painesville, O.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, 2¼-in., 45c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100.
J. C. Schmidt Co., Bristol, Pa.

GERANIUMS.

Headquarters for rooted cuttings. Over 100,000 ready for shipment. S. A. Nutt in 10,000 lots, Dbl. Grant, Buchner, Perkins, Bruanti, Favorite, Landry, Montmort, Charotte, Jaunina, Triumph de Patteras, the best scarlet border dwarf, $10.00 per 1000; Ricard, Harrison, Viaud, Castellane, (Poitevine in 10,000 lots), $12.00 per 1000; Charles Gervais, the best dbl. rose-pink in the market, $3.00 per 100.

Extra strong transplanted S. A. Nutt and Beauty Poitevine, 10,000 of each, $15.00 per 1000. Cash with order. Write for price list.
PETER BROWN, Lancaster, Pa.

Geraniums. Nutt, Marvel, Mme. Barney, Jean Viaud, La Favorite, Heteranthe, etc., 2½-in., $2.50 100; $20.00 1000. Le Soliel, Mme. Jaulin, John Doyle, Fleur de Roze, Ricard, Poitevine, Mrs. E. G. Hill, Vera Vend, etc., 2½-in., $3.00 100; $25.00 1000.

Our selection of varieties, to include many of the new sorts, $2.50 100; $25.00 1000.
The Storrs & Harrison Co., Painesville, O.

Geraniums, fine 2½-inch pots, $2.50 100; $20.00 1000. Jean Viaud, Mme. Brnaut, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol. Bridoux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Bucharie's White, Tamative, Gloire Bondeau, Alphouse Ricard.
NATIONAL PLANT CO., Dayton, O.

Rooted cuttings, supply unlimited. Eight houses planted to stock plants. No cheap, under the bench cuttings, but every one a good one. Nutt, Perkins, Buchner, $1.50 100; $10.00 1000. Poitevine, Viaud, $2.00 100; $12.50 1000; Castellane, Ricard, Soleil, $2.00 100; $15.00 1000. Albert M. Herr, Lancaster, Pa.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Well rooted cuttings true to name, Jean Viaud, S. A. Nutt, Mme. Buchner, $1.00 per 100; $9.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Countess de Harcourt, $1.25 per 100; $10.00 per 1000.
C. B. Shisler, Williamsville, N. Y.

Geraniums from 2¼-in., $2.00 per 100. Ricard, Perkins, Poitevine, Hill, Dryden, Bruant, Viaud, Mme. Jaulin, De Castellane, Marvel, La Favorite, Mrs. J. M. Gaar, Queen of West, Mrs. A. Blanc, Mme. Bruant and type. Strong stock. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Geranium cuttings from plants on bench, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevaliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geranium cuttings, Nutt, Jean Viaud, Mme. Beauclaire, $1.50 per 100, $12.50 per 1000. Le Soleil, Poitevine, Mme. Landry and Perkins, $1.75 per 100, $15.00 per 1000. Money with order from unknown parties.
WM. F. KASTING, Buffalo, N. Y.

Geraniums, rooted cuttings. Double and single Grant, Bonnot, S. A. Nutt, $1.00 per 100. Perkins, LaFavorite, John Doyle, $1.25 per 100. Ricard, Mrs. E. G. Hill, $1.50 per 100. Cash or C. O. D.
Geo. M. Emmans, Newton, N. J.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, J. J. Harrison. Best dbl. dark pink, dbl. salmon pink and single scarlet at $1.00 per 100, cash. Logan Ave. Greenhouses, R. R. 2, Danville, Ill.

Strong, well rooted geranium cuttings.

S. A. Nutt	$1.50 100	$12.00 1000
Mme. Salleroi	1.00 100	8.00 1000

Cash with order, please.
H. Book, Worcester, Mass.

Geraniums, S. A. Nutt, $1.00 per 100; $10.00 per 1000. Beaute Poitevine, Buchner, Ricard, Harrison, Viaud, $1.25 per 100; $12.50 per 1000. Castellane, $1.50 per 100. Cash with order.
Ernest Harris, Delanson, N. Y.

Geraniums, R. C., Poitevine, Hill, Ricard, Grant, La Favorite, mixed, $1.50 100, $12.00 1000. Ivy geraniums, mixed, 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

Geraniums. Best semi-double bedders in scarlet, pink, white, salmon, strong R. C., $1.50 100. Cash. Buckley Plant Co., Springfield, Ill.

Sallerol, Bismarck, Pollock, Happy Thought, Rose and ten true to name bedders, all 2½-in., at low prices. Roney Bros., West Grove, Pa.

Geraniums, 12 good varieties, 2-in., our selection, $2.00 100, $15.00 1000. Cash or C. O. D. St. Louis Carnation Co., Clayton, Mo.

Geranium rooted cuttings, leading kinds and colors, true to name, $2.00 100; $15.00 1000. Frank A. Pierson, Cromwell, Conn.

Rooted cuttings, best bedders, $15.00 per 1000. Mme. Sallerol, $15.00 per 1000. Carl Hagenburger, W. Mentor, Ohio.

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Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gladiolus bulbs. Fancy mixture, 1st size, $8.00 1000; 2nd size, $6.00 1000. Good mixture, 1st size, $6.00 1000; 2nd size, $4.00 1000. Discount on large orders. E. E. Stewart, Rives Junction, Mich.

Gladiolus May for forcing and Groff's hybrids, large bulbs, $5.00 per 1000. Cash. Sample for stamps. P. O. Coblentz, New Madison, O.

Our gladiolus bulbs are good. Try them. Cushman Gladiolus Co., Sylvania, O.

GRASSES.

Grasses. Erianthus Ravennae, Eulalia striata, Gracillima univittata, and Japonica zebrina, $5.00 per 100. R. Vincent, Jr. & Son, White Marsh, Md.

Poa trivialis variegata, fine for fern dishes, 2-inch, $2.50 100; 3-inch, $5.00 100. THE GEORGE WITTBOLD CO., 1657 Buckingham Place, Chicago, Ill.

200 Arundo donax variegata, strong dormant roots, three eyes to the division, $6.00 100. Cash. Wachendorff Bros., Atlanta, Ga.

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Bleeding Hearts, $1.00 per doz.; $6.00 per 100. Funkia undulata arg. vitata, silver striped foliage, a fine forcing plant, $1.00 per doz.; $7.00 per 100. Stock strictly first class. Frank Kadlec, 177-183 Johnston Ave., Chicago.

Buxus sempervirens, pyramids and standards, 4 ft. high, $150.00 100. Magnolia in var., to name, well budded, $150.00 100. Aristolochia, Dutchman's pipe, strong plants, $40.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list. Peterson Nursery, 164 La Salle St., Chicago.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Floradale, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A fine assortment of conifers on hand. Write me for prices. F. W. O. Schmitz, Prince Bay, N. Y.

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Dielytra spectabilis, $7.00 100. Wm. Elliott & Sons, 54 Dey St., N. Y.

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Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

HIBISCUS.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HONEYSUCKLES.

Lonicera, extra strong, $25.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

HYDRANGEAS.

Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c. Hiram T. Jones, Elizabeth, N. J.

OTAKSA, THOS. HOGG, with 4 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $8.00. JACKSON & PERKINS CO., Newark, New York.

Hydrangea paniculata grandiflora, large, bushy plants, 4 to 5 feet, $3.00 doz.; $15.00 100; $120.00 1000. Andorra Nurseries, Chestnut Hill, Phila., Pa.

Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Hydrangea Otaksa, all sizes, 10c to 50c each. John Curwen, Glen Head, L. I., N. Y.

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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Hardy English ivy, strong, 3-in. pots, $5.00 per 100; $40.00 per 1000. I. H. Moss, Govanstown, Baltimore, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please. Godfrey Aschmann, 1012 Ontario St., Phila.

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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

LEMONS.

Ponderosa lemons, 2½-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

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Lilacs Chas. X and M. Legraye, pot-grown, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

White Lilac, 7 ft., $30.00 to $35.00 100. Cash. Rockville Greenhouses, Rockville Centre, N. Y.

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The finest in the market for early forcing, $1.50 100; $14.00 1000; $35.00 per case of 2500. This stock is unsurpassed.
Bruns' extra fine Berlin pips for early forcing, $1.25 100; $12.00 1000; $30.00 per case of 2500. H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley.	100.	1000.	3000.
XXX Empress brand	$1.50	$12.00	$35.00
XX finest forcing brand	1.25	10.00	26.00
X a good pip	1.00	9.00	24.00

H. H. Berger & Co., 47 Barclay St., N. Y.

Lily of the valley. Selected Dresden. Unequaled for early forcing. No. 1 stock per 100 $1.50; 250, $3.50; 500, $6.50; 1000, $13.00; case 2500 pips, $30.00. R. & J. Farquhar & Co., Boston, Mass.

S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and in sealed cases only. Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley clumps, $10.00 100. Pips, $10.00 1000; case of 2500, $24.00. Wm. Elliott & Sons, 54 Dey St., N. Y.

Cut lily of the valley of good quality always on hand. August Jurgens, 134 Herndon St., Chicago.

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MOONVINES.

Moonvines, blue, 2¼-in., 50c doz.; $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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Otaheite oranges, 2½-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

Cattleya Trianae, established and unestablished. Address Thomas Jones, Short Hills, N. J.

PALMS, ETC.

KENTIA BELMOREANA.
Fine healthy stock, absolutely free from scale.

Pots.	Leaves.	In. high.	100.	1000.
3-in.	4-5	10-12	$15.00	$140.00
4-in.	5-6	15-18	25.00	220.00

KENTIA FORSTERIANA.

3-in.	3-4	12	$15.00	$140.00
4-in.	4-5	16	25.00	230.00

500 at 1000 rate.
ANDERSON & CHRISTENSEN, Telephone Call 29-I. Short Hills, N. J.

	Pots.	Leaves.	In. high.	12	100
Latania Borbonica	3-in.	4-5	8-10	$.75	$5
Latania Borbonica	5-in.	3-5 chr.	12-15	2.00	15
Latania Borbonica	5-in.	3-5 chr.	15-18	2.50	18
Kentia Belmoreana	2½"	3-4 chr.	8-10	1.50	10
Kentia Belmoreana	3-in.	3-5 chr.	10-15	1.75	13

Sherman Nursery Co., Charles City, Iowa.

BALL'S PALMS.
Areca lutecens, several plants together, bushy and strong.

4-in.,	18-20 in. from ground	$ .25
5-in.,	20-24 in. from ground	.50
6-in.,	24-30 in. from ground	.75
6-in.,	30-36 in. from ground	1.00
8-in.,	36-42 in. from ground	2.00
10-in.,	50-60 in. from ground	5.00
10-in.,	55-60 in. from ground	6.00
10-in.,	60-72 in. from ground	7.00

Latania borbonica, excellent stock.

4-in.,	2-4 char. lvs	.20
6-in.,	4-5 char. lvs	.50
6-in.,	5-6 char. lvs	.75
8-in.,	7-9 char. lvs., good	1.50

Cocos Weddeliana, 2x3-in. pots, 6 to 8 inches above pot, 10c each. For full line of palms send for price list. C. D. Ball, Holmesburg, Phila., Pa.

Kentias, 2½-in., $8.00 100; $75.00 1000; good for making up baskets. Kentia Belmoreana, 6-in. "made-up plants"; $7.00 per doz. C. W. Cox, 2d and Bristol Sts., Philadelphia.

Kentia Forsteriana and Belmoreana, 20 inches high and upwards, 6-in. pots, good for decorations, slightly damaged, 60c each. Godfrey Aschmann, 1012 Ontario St., Phila.

Latania borbonica, Areca lutescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100. Walker & McLean, Youngstown, O.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100; $50.00 1000. S. S. Pennock, 1612 Ludlow St., Philadelphia.

Palms. Cocos Weddeliana, 2½-in., $10.00; 3-in., $15.00 1000. The Storrs & Harrison Co., Painesville, O.

Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each. F. W. O. Schmitz, Prince Bay, N. Y.

Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Kentias—all sizes—all prices. L. H. Foster, Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansy plants. Largest flowering mixture of show varieties, unsurpassed quality, strong stocky plants, $3.00 per 1000. 500 at 1000 rate. In 5000 lots, $2.50 per 1000. Gustav Pitzonka, Bristol, Pa.

Pansy plants, fine, 50c 100, $2.50 1000. Cash. Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PEONIES.

Peonies. Chinensis—Queen Victoria, double white; Chinensis, double pink; officinalis, double pink and scarlet, $2.00 per doz.; $12.00 per 100. 200 assorted for $20.00. Officinalis mutabilis, double white, $5.00 per doz.; $35.00 per 100. All from 3 eyes and up. From the best Holland growers. This stock is strictly first-class and the prices are right. Frank Kadlec, 177-183 Johnston Ave., Chicago.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request. Peterson Nursery, 164 La Salle St., Chicago.

	12.	100.
Japan herbaceous peonies, named	$3.50	$27.50
Tree peonies, finest for Easter	5.00	35.00
Officinalis in dbl. white, rose and red	1.75	12.00

H. H. Berger & Co., 47 Barclay St., N. Y.

PETUNIAS.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash. Buckley Plant Co., Springfield, Ill.

Petunias, mixed var., 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

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Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00. S. Whitton, 15 Gray Ave., Utica, N. Y.

Primula obconica, fine plants, 3-in., $5.00 100. 2½-in., $2.50, and 2-in., $2.00 per 100. Also a few 3-in. Chinese, International strain, $5.00 per 100. N. O. Caswell, Delavan, Ill.

Primula obconica, white, pink, red, 3-in., 4-in., 5-in., 6-in. Full bloom. Write for prices. C. D. Zimmerman, Buffalo, N. Y.

Primula obconica, fine plants, 3-in., $5.00 100. Cash. Converse Greenhouses, Webster, Mass.

PRIMULAS—Continued.

Primula obconica grand, alba, rosea and fimbriata, strong plants, 2½-in., $3.00 100, $25.00 1000. Cash.
Oechslin Bros., W. Madison St., Chicago.

Primula obconica, from benches, $6.00 per 100. Cash with order from unknown parties.
W. F. KASTING, Buffalo, N. Y.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Primulas—Chinese and obconica—2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

RHODODENDRONS.

Rhododendrons, hybrids for forcing, $45.00 $90.00 and $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Pelargoniums, 15 var., named, $2.25 100. Verbenas, choice named var., 60c 100, $5.00 1000. Petunias, named, dbl., $1.25 100, $10.00 1000. Heliotropes, $1.00 100, $8.00 1000. Salvias, $1.00 100, $8.00 1000. Giant alyssum, $1.00 100. Ageratums, 60c 100, $5.00 1000. Coleus, 70c 100, $6.00 1000. Express prepaid. Cash with order.
S. D. Brant, Clay Center, Kan.

Heliotrope, dark; Salvias, Vinca, Feverfew, $1.00 per 100. Double Petunias, $1.25 per 100. Coleus and Ageratum, 50c per 100. Sweet Alyssum, 60c per 100. Fuchsias, $1.25 per 100. Vinca Variegata, 3-in., $3.00 per 100. Cash with order. Ernest Harris, Delanson, N.Y.

Rose geraniums, $1.50; Anthemis coronaria, Impatiens Sultani, $2.00 per 100, prepaid.
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FIELD-GROWN ROSES.

Our strong, stocky, northern-grown rose bushes are the kind that successful florists prefer for forcing. They are sound, hard and well ripened and contain stored-up vigor that makes healthy growth and fine flowers. Our stock this year is even more than usually fine.

Budded plants marked †. On own-roots *.

The following $15.00 per 100: †American Beauty, *Crimson Rambler, XXX, 4-6 feet; *†Dorothy Perkins, †Gloire Lyonaise, †Harrison's Yellow, †La France, †Mrs. Sharman-Crawford, †Persian Yellow, *†Prince Camille de Rohan, *†Ulrich Brunner.

The following $12.00 per 100: †Alfred Colomb, †Anne de Diesbach, †Baron de Bonstetten, †Clio, *†Coquette des Alps, *Coquette des Blanches, †Countess de Serenye, †Chas. Lefebvre, †Gen. Jacqueminot, *†Geo. Washington, *†John Hopper, *John Keynes, †Mme. Gabriel Luizet, *Mme. Georges Bruant, *†Marchioness of Lorne, *†Margaret Dickson, *†Oakmont, *†Paul Neyron, †Victor Verdier.

The following $10.00 per 100: *Caprice, *Caroline Marniesse, *Caroline de Sansel, *Jules Margottin, *La Reine, *†Magna Charta.

Please state when ordering whether budded or own-root plants are preferred and give second choice of varieties in case first selection should have been sold.

JACKSON & PERKINS CO., Newark, New York.

ROSE PLANTS. Strong stock from 2½-in. pots.

	100.	1000.		100.	1000.
Uncle J'n.	$20.00	$150.00	Maid	$3.00	$25.00
Mme. C'nay	6.00	50.00	Bride	3.00	25.00
Sunrise	5.00	40.00	Perle	3.00	25.00
Kaiserin	4.00	35.00	G'den Gate	3.00	25.00
Liberty	4.00	35.00	Ivory	3.00	25.00

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

Rose cuttings. Beauty, $3.00; Bride, Ivory, Gate, Maid, Meteor, $1.50 100. Bride, 3-in., $4.00 100; $37.50 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted rose cuttings of Bride, Bridesmaid, Ivory, Perle, Golden Gate, $1.50 100; $12.50 1000.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Field-grown roses, 1 to 3 ft., 60 varieties, $8.00 100. Climbing Soupert a specialty.
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Young roses in 2 and 2½-in. pots and rooted cuttings now ready. Geo. A. Kuhl, Pekin, Ill.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

13,000 Manetti stocks, $12.00 to $15.00.
C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz. Extra fine stock, 50c each; doz., $6.00; 5½-in. pots, 18 to 20 inches high, good stuff, 25c to 30c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias. Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

SEEDS.

	Trade pkt.	Oz.
Verbena, Mammoth, mixed	$0.25	$1.00
Verbena, Mammoth, sep. colors	.25	1.25
Grevillea robusta	.15	.40
Dracaena indivisa	.10	.25
Phlox Dwarf Fireball	.25	1.50
Phlox Dwarf Snowball	.25	1.50
Salvia splendens	.25	1.25
Salvia Bonfire	.25	3.00
Stocks, Cut and Come Again	.25	3.00
Cosmos, Mammoth mixed	.10	.30
Cosmos, Mammoth sep. colors	.10	.40
Asters, branching mixed	.25	.75
Asters, branching sep. colors	.25	1.00
Lobelia Crystal Palace comp.	.25	1.25
Sweet peas—		Lb.
Salopian, scarlet		$0.35
Countess of Radnor		.30
Boreatton		.25
Emily Henderson		.30
Earliest of All		.50
Mont Blanc		.50
Cape Flowers, 5 lbs., $5.75		1.25

Kentia Belmoreana, 100 seeds, 60c; 1000 seeds, $4.00.
Kentia Forsteriana, 100 seeds, 60c; 1000 seeds, $4.00.
Wm. Elliott & Sons, 54-56 Dey St., N. Y.

	100.	1000.
Asparagus Sprengeri	$0.20	$1.00
Asparagus plumosus	.85	7.00
Asparagus plumosus nanus	.85	7.00
Asparagus plumosus robustus	1.25	10.00
Asparagus decumbens	.75	6.00
Asparagus deflexus scandens, 12, 25 cents.		
Kentia Bel. or Forst	.50	3.50
Cocos Weddeliana	.85	7.00
Phoenix reclinata	.50	4.00
Phoenix canariensis	.25	2.00

Dracaena indivisa, pkt., 10c.; oz., 40c.
Dracaena australis, pkt., 10c; oz., 50c.
California grown sweet peas, 25c lb., 5c oz.; ¼-lb., delivered, 12c.
H. H. Berger & Co., 47 Barclay St., N. Y.

Flower seed for present planting.

	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp. Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, mxd.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue will be mailed Jan. 1. If you do not receive a copy write for one.
STUMPP & WALTER CO., 50 Barclay St., N.Y.

Johnson & Stokes' Kingly collection pansy seed. This is the prize strain, with its immense flowers, great substance and rich colors. Early Jan. sown seed will bloom in April and continue through the hottest summer months—1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00.

Johnson & Stokes' Mammoth verbena, the best strain obtainable, separate colors, 2000 seeds, 25c; oz., $1.25; mixed, 2000 seeds, 20c; oz., $1.00.
Johnson & Stokes, 217-219 Market St., Phila.

Asparagus plumosus nanus is admitted to be one of the most profitable crops grown under glass. The small plants are useful for ferneries, the larger sizes for baskets, and when planted out for sprays or strings they pay best of all. We have very fine fresh seed. Price, $1.00 per 100 seeds, $7.50 per 1000 seeds.
Henry F. Michell Co., 1018 Market St., Phila.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50.

Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.

Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.

Best quality of flower seeds for florists. Send for catalogue.

MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. New crop all leading flower seeds ready. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Palm Seeds. New crop Cocos Weddeliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & RODDINGTON CO., 812 Greenwich St., New York.

Fresh flower seeds for early sowing. New crop seeds daily arriving from leading growers both at home and abroad. Send for preliminary price list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Asparagus plumosus robustus grows more rapidly, yields more sprays for cutting and is more valuable for florists than other sorts; 100 seeds, $1.00; 1000 seeds, $9.00.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

New crop A. plumosus seed ready Jan. 15. Write for prices.
S. S. Pennock, 1612 Ludlow St., Phila.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1,000 rate. Cash with order. Order early, as stock is limited.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

Smilax, large bushy plants out of 2½-in. $1.00 100; $8.50 1000.
J. C. Schmidt Co., Bristol, Pa.

1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 75c 100.
E. I. Rawlings, Quakertown, Pa.

SPIRÆAS.

	12.	100.
Spiraeus—		
Japonica, fine clumps	50c	$3.00
Compacta multiflora	60c	3.50
Astilboides floribunda	75c	4.50

H. H. Berger & Co., 47 Barclay St. N. Y.

Spiraeas for forcing. Palmata alba and astilboides, 85c per doz., $5.00 per 100. Stock is strictly first-class.
Frank Kadlec, 177-183 Johnston Ave., Chicago.

Spiraea japonica, $3.50 100; compacta multi. and astilboides, $4.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spirnea japonica, strong clumps, $3.00 100.
Wm. Elliott & Sons, 54 Dey St., N. Y.

STEVIAS.

Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Nilea Center, Ill.

VEGETABLE PLANTS.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.

CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.

LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce plants. Grand Rapids, Boston Market and other var., $1.00 1000, $8.50 10,000. Large stocky plants. J. C. Schmidt Co., Bristol, Pa.

FORCING TOMATOES. Lorillard and Mayflower, selected stock, 2½-inch pots, $2.00 100. Cash. Benj. Connell, West Grove, Pa.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular. J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca variegata major, good field-grown, stored in carnation house, $3.00 per 100; $25.00 per 1000. Fine plants from rooted tips, better than rooted cuttings, $1.00 per 100; $7.50 per 1000.
W. J. Engle, R. D. No. 8, Dayton, Ohio.

Vinca major, 6-in., $3.00 doz.
L. H. Foster, Dorchester, Mass.

Vinca var., 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Violets. Ready now, 20,000 rooted runners of Princess of Wales; fine, clean stock, $4.00 per 1000.
Crescent Ave. Floral Co., Grand Rapids, Mich.

Princess of Wales for spring delivery, $1.50 100; $12.50 1000. Special prices on large orders.
John Curwen, Glen Head, L. I., N. Y.

Violets, standards, 12 to 30 inches high, well-budded. Price on application.
Waite & Eccles, Sea Cliff, L. I., N. Y.

TO EXCHANGE

To Exchange—Will exchange several thousand fine canna eyes and tuberose bulbs for spring or Easter blooming plants or what have you?
J. A. Swartley & Sons, Sterling, Ill.

CANE STAKES.

Bamboo canes, 6 to 8 ft., $6.00 1000.
Wm. Elliott & Sons, 54 Dey St., N. Y.

Cane stakes, 6 ft., $3.00 1000.
Wm. K. Nelson, Augusta, Ga.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., Chicago.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Stock from the Berkshire Hills. Hardy cut fancy and dagger ferns, sphagnum moss, laurel, bouquet evergreens, festooning, wreaths, spruce and hemlock boughs. Satisfaction guaranteed. Write H. J. SMITH, Hinsdale, Mass.

Long Spanish moss for decorating. If you have never seen any send 15c for large sample package. Air plants, palms, ferns, sea shells from Florida keys.
H. A. Curtis, Box 49, St. Petersburg, Fla.

Oldest dealer in the United States in hardy cut fancy and dagger ferns. Write for prices.
L. B. BRAGUE, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Fancy and dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Holly and green, Xmas trees, mistletoe, etc. We handle only the best.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Pure pulverized sheep manure and unleached hardwood ashes. Send for sample and price.
J. L. Elliott, South Bethlehem, Pa.

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Review
Classified Advs.

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Wax Flowers and Wax Floral Designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
C. W. Burleson & Son, Linville, N. C.

Bronze or green galax and leucothoe sprays at lowest prices.
W. M. Fowler & Co., Spruce Pine, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

GLAZING POINTS.

Van Reyper's glazing points, mastica and machines.
Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker Eruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish, squirrels, etc. Send for catalogue.
E. S. Schmid, 712 12th St., N. W., Washington, D. C.

Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems and siftings for sale. Write Swisher Bros., Newark, O.

NICOTICIDE kills all greenhouse pests. Sold by all seedsmen.

Tobacco stems, fresh strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

LABELS.

Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

PAINTS.

PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RAFFIA.

Raffia, 15c per lb., $12.00 100 lbs.; bale lots, 10c per lb. Colored, 50c per lb.
Wm. Elliott & Sons, 54 Dey St., N. Y.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

Wired toothpicks, box of 10,000, $1.50.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

WIRE SUPPORTS

Model Extension carnation supports and galvanized rose stakes. Parker-Eruen Mfg. Co., 208 Jersey St., Harrison, N. J.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Wire work of all kinds for florists. Send for price list.
Wm. Murphy, 130 E. 3d St., Cincinnati, O.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WE like the REVIEW better than ever and would not want to do without it—WM. DYER, Three Rivers, Mich.

WE certainly like your paper very much and would not want to do without it.—F. G. MENSE, Glen Cove, L. I., N. Y.

WHILE I take other trade papers, the REVIEW is my standby; could not do without it.—ETTA J. NOTT, Charleston, Ill.

MY stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y. Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE Irrigon Nursery Company has been incorporated at Portland, Ore., with $5,000 capital, by John W. Cook, Alfred Goss and R. B. Leonard.

THE proposed work on the lake front at Chicago, or Grant park, as it is now known, will take three years and great quantities of nursery stock of sizes for immediate effect will be required.

PROF. L. H. BAILEY has an article on peach farming in Michigan in Country Life for January, which it would be worth while for nurserymen with trade in that section to place in the hands of their customers.

THE Oklahoma State Nursery Co., Perry, Okla., has bought a farm near Guthrie, where Manager C. C. Alling says they will at once plant large quantities of fruit trees and build a packing shed with side track connections.

JAMES GORDON BENNETT will lay out a large public park on the bank of the Hudson, north of One Hundred and Eighty-second street, New York, and dedicate it to the memory of his father. The work will include extensive plantings of trees and shrubs.

THE Association of Economic Entomologists, the Association of Plant and Animal Breeders, the Society of Horticultural Science, the Society for the Promotion of Agricultural Science and the American Microscopical Society meet at St. Louis at the same time next summer. Surely something ought to come of it.

SPRINGFIELD, O.—Word comes from the south that the new concern recently organized here has secured a tract of 3,000 acres of land near Tutwiler, Miss., on which they will engage in the nursery business and in flower growing. The promoters of the scheme are John M. Good, L. Verney, C. T. Ridgely, Edwin S. Houck, C. W. Welsh and L. P. Jop, all of this city.

HUNTSVILLE, ALA.—Announcement is made here that the big nursery of Stark Bros., at Lilly Flagg station, seven miles south of this city, will shortly be removed to Farmington, Ark. The present location of the nursery is said to be very unhealthy, in fact, so much so that white labor cannot be kept there. The Lilly Flagg nursery embraces about 700 acres and a great deal of money has been spent in getting it established.

PACIFIC COAST.

CHRISTMAS BERRIES.

It would be almost impossible in this day for Californians to celebrate Christmas and New Year's without the assistance of our beautiful so-called California holly. We have nothing to take its place as a decorative material that is purely a home product. It is sold by the thousands of bunches daily on the streets and handled by tons in the florists' stores. And yet it is only within the last ten years that it has been gathered and sold, and with many hundreds of people it forms the principal source of income during our winter months. Strictly speaking, it is properly called Heteromeles arbutifolia and the berries are borne in immense clusters of a bright cardinal red. The shrub grows to a height of twenty-five feet in sheltered locations although from ten to twelve feet is its usual size. The flowers come in clusters, small, white, and with a spicy odor in July and August and the berries appear about a month later.

They are generally ripe about Thanksgiving and then the marketing begins. The stems are broken off about a foot in length and packed tightly in boxes, care being taken that the berries do not rub against the boards. Our finest quality comes from the interior monntain valleys, where they are not subjected to too much fog, those on the coast being smaller in size and inferior in color. The ruling price is $40 per ton, wholesale, and some florists in San Francisco use as much as ten tons during the holiday season. This year has been an exceptionally good one for berries, as we have not had over two or three nights' frost thus far and the berries are at their best. The street venders, of whom there are hundreds here, tie the berries in small bunches and sell them at the uniform price of 10 cents.

The berries are found growing wild in California from San Diego on the south to Mendocino on the north and are not of natural growth, either in the northern part of Calirornia or in Oregon or Washington. The tree makes a handsome shrub in cultivation but is of somewhat slow growth. It has much of the characteristics of the strawberry shrub (Arbutus unedo) and is our most valuable wild flower. The wild pigeons are very fond of the berries and when they are perfectly ripe they eat them greedily so that by the end of January they have generally all disappeared. The berries have a rather pleasant taste, somewhat acid and astringent and are eaten by the Indians with great relish. The Spanish Californians used them in the preparation of a very agreeable drink. G.

SAN FRANCISCO.

The Market.

All our San Francisco florists have had an extremely busy Christmas. Up to Wednesday evening the prospects were none too bright, but Thursday eclipsed all expectations and we are all satisfied. I have spoken with a score of our principal retailers within the last twenty-four hours. Our weather is beautiful, bright, warm days for the past week, and winds somewhat to the north, but plenty of dust flying. Our nights have been somewhat cold, but not enough to interfere with outside crysanthemums thus far. Trade seemed to be divided among all classes of stock about evenly, although I do not think palms sold as well as in former years. Some good azaleas, poinsettias and Lilium Harrisii were exhibited by our larger dealers, but the showing of all kinds of pot stuff was hardly up to the mark and the public generally confined its purchases to cut flowers.

Owing to our extremely warm weather for the past two weeks the supply of greenhouse stock, with the exception of roses, has been more than equal to the demand, and the prices have suffered in consequence, but within the past forty-eight hours, owing to the almost unprecedented demand, the wholesalers raised their prices about 200 per cent. Violets are still very scarce and they are being sold wholesale today at $2 per dozen bunches, and only a fair supply at that price. American Beauty roses sold at from $3 to $5 per dozen; Brides and Maids at from $1 to $1.50 per dozen; Testout, Kaiserin and Liberty at from

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention the Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety
Send for our Wholesale Price List.
Mention the Review when you write.

Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
Morrisville, Pa.
Mention the Review when you write.

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Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
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Mention the Review when you write

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Published weekly. $1.50 Per Year. Sample copies free.
American Gardening Co. (Inc.), 136 Liberty St., New York.

WE ARE ROOTING THIS WINTER OVER

2,000,000 Carnation Cuttings

We have over 1,000,000 now ready for shipment.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10 00	40.00
Lillian Pond	5.00	.....	.....
White Cloud	1.00	9 00	35.00
Lorna	1.20	11.00	50.00
Pink.			
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35 00
Genevieve Lord	1.00	9.00	35.00
Argyle	1.00	9 00	35.00
Mrs. Joost	1.20	10 00	40.00
Mermaid	1.20	10.00	40 00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.50	20.00	90 00
Cressbrook	2.50	20.00	90.00
Mrs. Roosevelt	5 00	45.00	200.00
Enchantress	5 50	.....	.....
Success	4 00	35 00	150.00
McKinley	5.00	45 00	.....
Triumph	1 20	11.00	50.00
Wm. Scott	1 20	11.00	50.00
Dorothy	2 00	15.00	

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10.00	40 00
Estelle	1 50	14.00	65.00
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Crimson.			
Harlowarden	$5.00	$45.00	$200 00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14 00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450 00
Marshall Field	5.00	45.00	200 00
Tiger (Faucy)	5 00	45.00	200.00
Stella	3.00	25.00	100.00
Armazindy	1 00	9.00	35.00
Viola Allen	3.00	25.00	100 00

25 at 100 rate.
250 at 1000 rate.
2500 at 5000 rate.

All orders are filled promptly.

Unrooted CUTTINGS at half price.

We root over 100 000 a week. Don't believe it? Well, come and see them. A shipment to England arrived O. K. We are now making weekly shipments to a florist in New England whose order amounts to $1,500 00; they are arriving all O. K. Our R. C. Carnations are grown and rooted without fire heat. They are short jointed. We have neither rust, red spider nor stem-rot; they are strangers to us.

Terms Cash. If on arrival Cuttings are not satisfactory, return at once at our expense and money will be refunded promptly.

Express prepaid at above prices.

HYBRID CARNATION SEED of above varieties, mixed ..... $1.00 per 100; $9.00 per 1000.

California Carnation Co., Lock Box 103 Loomis, Cal.

Mention the Review when you write.

75 cents to $1.25 per dozen. This you will notice is considerably more than the quotations I have been sending recently, but it merely shows how a spurt in business will raise prices. With carnations the same rule has applied, although there was not so much difficulty in getting supplies. Any sort brought 35 cents per dozen, no matter how small the flower or how weak the stem, and such sorts as Lawson, Crocker, Estelle and Triumph sold anywhere from 50 cents to 75 cents per dozen. A few fancy sorts, including Prosperity, Cressbrook and some of Siever's varieties sold at from 75 cents to $1 per dozen. As the weather is particularly favorable, however, I look for these prices to lower somewhat in the near future.

Poinsettias were in good demand and could be handled by the retailers at a handsome profit. Many we received from Los Angeles and delivered in good order and cost the stores not over $1.75 per dozen. They could easily be retailed at from 25 to 50 cents each, and were a money-making proposition. They are grown outside in southern California and, as we are only a few hours distant, it was no trouble getting them in good order. Those sold in pots were home-grown, and wholesaled at from $6 to $9 per dozen. The retailers asked from $1 to $2 each in the stores and there were not nearly enough to go around at those prices. Valley, Romans and primulas in pots and pans sold well, but ferns and palms were not in such demand as I have seen them in former years. Some daffodils of the single yellow variety were eagerly bought at $1 per dozen blooms.

Red berries and California grown English holly are in evidence everywhere and eastern holly was handled by many of the dealers. The trouble with eastern holly is that it costs in expressage to San Francisco $8 per case, and the original cost of $4.50 being added, makes it foot up $12.50, which is a big price to pay for that article.

Many of our largest florists closed their doors early Christmas to get a chance to catch up with orders and I think I am safe in saying that the Christmas of 1903 was the best day for business that either the growers or retailers have ever had.

G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1.20	$10.00	$ 40 00
Flora Hill	1.20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125 00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45 00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25.00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40.00
Mermaid	1.20	10 00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5 00	45 00	200 00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10 00	40 00
America	1 20	10 00	40.00
Estelle	1.50	14.00	65 00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65 00	300.00
Crimson			
Harlowarden	5.00	45 00	200.00
Gov. Roosevelt	1.20	11 00	50 00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Gaiety	3 00	25.00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

CARNATION CUTTINGS Now Ready.

ROOTED IN THE COLD.

Queen Louise, white	$1.20 per 100.	$10.00 per 1000
Flora Hill, white	1.20 "	10.00 "
G. H. Crane, scarlet	1.20 "	10.00 "
Estelle, scarlet	1.20 "	10.00 "
Mrs Palmer, scarlet	1.20 "	10.00 "
Mrs. Lawson, pink	1.40 "	12.50 "
Mermaid, pink	1.20 "	10.00 "
Eldorado, yellow	1.00 "	9.00 "
Prosperity, var	1 40 "	12.00 "
Harry Fenn, crimson,	1.80 "	16.00 "

Cash with order. **EXPRESS PREPAID.**

THE KNOLL NURSERIES, PENRYN, CAL.

Mention the Review when you write.

LOUISVILLE, KY.

State of Trade.

Christmas trade was good and lots of plants in bloom were sold. Some very fine Gloire de Lorraine were to be seen and sold well. Prices ruled about the same as last year, no increase whatever. Lots of holly was sold, but very cheap. The florists here have a lot to contend with. The peddlers will make holly up in wreaths and sell them at 15 cents, or two for 25 cents. The weather the day before Christmas was all that could be desired, but on Christmas night a very dangerous storm swept over our city. The wind blew at the rate of sixty-five miles an hour, but no damage was done to any of the greenhouses.

Various Items.

Jacob Schulz made a very handsome display at his store on Fourth avenue for Christmas, and reports a very satisfactory Christmas trade. F. Walker & Co., across the street, had all they could attend to.

Nanz & Neuner's window was ablaze with Christmas bells and some very fine Begonia Gloire de Lorraine.

Mrs. C. B. Thompson made a fine display of ferns, palms and blooming plants for her trade.

Jos. Coenen & Co. are smiling all over, and they ought to be, as they sold all their big ferns for Christmas.

J. E. Marret and E. G. Reimers each did a fine business for Christmas.

Louis Kirch, of Milton avenue, has two houses devoted to carnations and one house is planted in Norway and Queen Louise which are hard to beat around here. The plants are healthy and in fine growing condition. The other house is planted with Crane and is also very fine. Louis was married a while ago and he has built a very handsome residence.

C. H. Kunzman, of the West End, has put in a new Burnham boiler.

Henry Fuchs is building a new residence at his place.

Adam Heitz has bought a piece of ground near his place for $1,250.

H. Lichtefeld.

Sabula, Iowa.—On the night of December 20 fire destroyed the residence of Wm. B. Lovell and all its contents, the family having barely time to escape. The greenhouses were saved.

THE AMERICAN
CARNATION

HOW TO GROW IT.
FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands of every grower.

Sent carriage paid on receipt of $3.50.

Florists' Publishing Company,
Caxton Bldg., Chicago.

NEW CROP
PLUMOSUS SEED

Ready for delivery about January 15.
Write for prices.

Rooted Carnation Cuttings.

Lillian Pond	$5.00	per 100	$40.00	per 1000
Enchantress	6.00	"	50.00	"
Lawson	3.00	"	25.00	"
Prosperity	3.00	"	25.00	"

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3.50	per 100	$30.00 per 1000
3 -inch "	6.00	"	55.00 "

SAMUEL S. PENNOCK,
1612 Ludlow St., Philadelphia.
Mention the Review when you write.

Geraniums..
Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.
VINCAS—Variegated, from 3-inch pots, $5.00 per 100.
FRANK A. PIERSON, Cromwell, Conn.
Mention the Review when you write.

MUM STOCK PLANTS, Last Call

Robinson, large stock	each,	5c
Halliday, Adrian, Yanariva	"	3c
Mme. Cadbury, Mrs. Coombes	"	10c
Alice Byron, a few left	"	20c

All others sold out. No order filled for less than $2.00. Watch for adv. of rooted cuttings.
W. A. CHALFANT, Springfield, Mo.
Mention the Review when you write.

BOSTON FERNS.
Choice stock in 2½-in. pots, $3.50 per 100.
Wagner Park Conservatories, Sidney, Ohio.
Mention the Review when you write

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.
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For plants or bulbs address
W. P. PEACOCK,
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Geraniums ....and.... Carnations
ALBERT M. HERR, Lancaster, Pa.
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CARNATIONS
STRONG, HEALTHY ROOTED CUTTINGS FROM SAND.

Mrs. Joost	per 100.	$2.00
Marquis	"	2.50
Prosperity	"	3.00
Norway	"	2.00
Crane	"	2.50

Cash with order, when you have it; if not, when you have it.
WM. SCOTT,
Corfu, New York.
Mention The Review when you write.

500,000 Verbenas
60 FINEST VARIETIES.
Perfectly Healthy. Free from Rust.
Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants.....$2.50 per 100; $20.00 per 1000.
Our list is the choice of millions of seedlings.
Send for Circular.
J. L. DILLON, Bloomsburg, Pa.
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JULIUS ROEHRS,
Grower of
Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.
RUTHERFORD, N. J.
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JOHN SCOTT,
Keap St. Greenhouses, Brooklyn, N. Y.
Headquarters ....for Bostons
Fine "PIERSONI" in 2¼-inch pots.
The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.
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Pansy Plants.
Fine plants.....50c per 100 $2.50 per 1000
PRIMROSES.
Chinese and Obconica, 2¼-in. pots...$1.25 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "
JOS. H. CUNNINGHAM, - Delaware, Ohio.
Mention the Review when you write.

Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO, ILL.
Send for Price List on all
Palms and Ferns
Mention the Review when you write.

Carnation Cuttings.

Ready Now. The Best Ever Grown.

CRUSADER

The best commercial scarlet ever introduced. Early, free, continuous bloomer; no splits, no stem-rot. Everybody likes it.

Mr. Wienhoeber of Chicago says the color is ideal. Come and see it growing.
Parentage, Lawson and Crane. Price $10.00 per hundred; $80.00 per thousand.

Other fine new varieties.

	Per 100	Per 1000
Flamingo, grand scarlet,	$12.00	$100.00
Reliance, white,	10.00	80.00
Lady Bountiful, white,	12.00	100.00
Indianapolis, cerise,	12.00	100.00
The Belle, white,	12.00	100.00
Albatross, white,	12.00	100.00

Standard varieties.

WHITE.

Gov. Wolcott,	$5.00	$40.00
Her Majesty,	5.00	45.00
Lillian Pond,	5.00	45.00

Standard varieties.

	Per 100	Per 1000
PINK.		
Enchantress,	$6.00	$50.00
Pres. McKinley,	6.00	50.00
Nelson,	4.00	35.00
Lawson,	2.50	20.00
RED.		
Estelle,	3.00	25.00
Palmer,	3.00	25.00
Harlowarden, grandest crimson,	6.00	50.00
VARIEGATED.		
Prosperity	2.50	20.00
Marshall Field,	6.00	50.00

Chicago Carnation Co. JOLIET, ILL.

JAS. HARTSHORNE, Manager.

BREAD and BUTTER

CARNATIONS

Here are the varieties you want and we can supply you strong R. C., guaranteed free from all disease.

Pink.	100	1000
Enchantress	$5.50	$50.00
Nelson	3.50	30.00
Lawson	2.25	20.00
Inquirer	2.50	
Dorothy	2.50	
Joost	1.75	15.00
Marquis	1.75	15.00
White.		
Gov. Wolcott	3.50	30.00
Boston Market	3.50	30.00
Innocence	2.50	22.50
White.	100	1000
Glacier	$1.75	$15.00
White Cloud	1.75	15.00
Flora Hill	1.75	15.00
Scarlet.		
Crane	2.00	18.00
Apollo	3.50	30.00
Estelle	3.50	30.00
Crimson.		
Harry Fenn	3.50	30.00
Variegated.		
Prosperity	2.00	18.00

Geraniums—Best semi-double bedders in scarlet, pink, white, salmon, strong R. C., $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100.

Smilax—2¼-inch (Special Price), $5.00 per 1000.

— CASH —

THE W. T. BUCKLEY PLANT CO.

Mention the Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000
Mrs Lawson	$1.25	$10.00
Flora Hill	1.00	7.50
Queen Louise	1.00	7.50
Dorothy	1.00	7.50
Fair Maid	1.25	1.00
Roosevelt	1.25	10.00
Prosperity	1.25	10.00
Lillian Pond	2.00	15.00
Success	2.00	15.00
The Queen	2.00	15.00
Enchantress	3.00	25.00
Challenger	1.25	10.00

All healthy stock.

UTICA FLORAL CO., Utica, N. Y.

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YOUNG ROSES

in 2x2½-inch and Rooted Cuttings now ready for sale.

Boston and Piersoni Ferns—Pot-grown, 2½ to 10-in., 20 000 now ready.

Sprengeri and Plumosus—2, 2½, 3 and 4-in. Write

GEO. A. KUHL, - - Pekin, Ill.

Mention the Review when you write.

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, $2.25 per 100. Verbenas, all choice named varieties, 60c per 100; $5.00 per 1000. Petunias named, all double, $1.25 per 100; $10.00 per 1000. Heliotropes, $1.00 per 100; $8.00 per 1000. Salvias, $1.00 per 100; $8.00 per 1000. Giant Alyssum, $1.00 per 100. Ageratums, 60c per 100; $5.00 per 1000. Coleus, 70c per 100; $6.00 per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later.

Cash with order. Write

S. D. BRANT - - - CLAY CENTER, KAN.

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Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable to sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
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By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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Price, $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

DALLAS, TEX.

The Market.

Another Christmas rush has passed and the florists have a smile on their faces that denotes satisfaction, as far as business goes, but a tired set were they when they closed the doors of their stores at noon and hung out the card "sold out" to greet the belated buyer. All flowers brought good prices. Bulbous stock was none too plentiful, and Romans and narcissi sold readily at $1 per doz. Holly was in good supply and poor, but was readily sold. Mistletoe was on all corners and could be bought at any price you wanted to pay. I never saw it finer than this season. Christmas trees were on sale at all corners and while it looked as if the supply was ahead of the demand, there was a clean market before night.

Flowering plants were scarce and what few were to be had were soon disposed of. The supply of palms and ferns was good and they found a good sale, for those wanting flowering plants had to fall back on these and the supply was well disposed of.

Notes.

E. H. R. Green, the railroad magnate, of Terrell, is putting up a large range of houses for growing cut flowers for the southern trade. He will erect some twenty large houses, all of modern construction. He will also have a government experiment station. He has several hundred acres of rich, loamy ground and an abundance of good water. Mr. Green has the capital and push to make this the best plant in the southwest, and there is surely an opening here for several more good wholesale establishments of this class.

F. W. Beach, late manager of the Haskell Avenue Floral Co., has resigned his position, and will take a few days of rest before locating anew. B.

ADDRESS WANTED.

I would like to inquire through the columns of this paper for the gentleman who last season had a light pink Lawson carnation. Will he or some of the other readers of the REVIEW please send me his address, as I also have a light pink Lawson and would like to compare them with his. D. C. NOBLE,

Columbia City, Ind.

NEW CHRYSANTHEMUM
STOCK PLANTS.

Yellow—H. Sinclair, Mrs. J. J. Mitchell Sephia, H. W. Buckbee, F. J. Taggart. **White**—Convention Hall, Globosa Alba, Mrs. R. W. Smith. **Pink**—Algoma, Ethelyn, Columbia, R. E. Richardson, Amorita, Uwanta. The above 25c each, $2.50 doz. Oresco, Bentley, Iolantha, Bruant, Lady Harriet, Robert Halliday, Polar Queen, Mrs. Barclay, Yanariva, 15c each, $1.50 per dozen, $10.00 per 100. Bonnaffon, Ivory, Pink Ivory, Willow Brook, Pacific, Polly Rose, Mrs. J. Jones, October Sunshine, Xeno, 10c each, $1.00 per dozen, $6.00 per 100; 25 plants of one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

Mention the Review when you write.

Chas. H. Totty
CHRYSANTHEMUM GROWER
MADISON, N. J.

Write for list of new Mums.

Mention Review when you write.

Indianapolis!

The Best Bright Pink Carnation in Sight... It Never Bursts.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

Come and see it growing.

You will want to grow some of it yourself.

$2 50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH, 330 W. 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

'Mums STOCK PLANTS

R. Halliday, Appleton, Golden Wedding, Y. Bonnaffon, Yellow Jones, Glory of Pacific, Perrin, Maud Dean, Lavender Queen, Pink and White Ivory, Polly Rose, White Bonnaffon, Timothy Eaton, White Jones, Chadwick; 75c doz.; $5 00 100.

G. M. NAUMANN, 1537 Doan Street CLEVELAND, O.

Mention the Review when you write.

STOCK MUMS Strong and Well Furnished

White: Kalb Queen, Bergmann, Robinson, Willowbrook Ivory, Eaton, Pink, Pacific, Shaw, Dean, Perrin, Superba, Lavender Queen, Yellow, Whildin, Wedding, $5.00 per 100. Chamberlain and White Bonnaffon, $10.00 per 100.

Rose Cuttings—American Beauty, $3 00 per 100; Bride, Ivory, Gate, Maid, Meteor, $1.50 per 100; Brides from 3-in. pots, $4.00 per 100; $37.50 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON, ADRIAN, MICH.

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000
Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries, LARCHMONT, N. Y.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots $5 00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
SUNRISE	5 00	40 00
KAISERIN	4 00	35 00
LIBERTY	4 00	35 00
MAID	$3 00	$25 00
BRIDE	3 00	25 00
PERLE	3 00	25 00
GOLDEN GATE	3 00	25 00
IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	1 50	12 50
GOLDEN GATE	$1 50	$12 50
PERLE	1 50	12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	1 50	12 50
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	1 50	12 50
SIBYL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
CRESSBROOK	1 50	12 50
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 50	12 50
WHITE CLOUD	1 50	12 50
PERU	1 50	12 50
QUEEN LOUISE	1 50	12 50
NORWAY	1 50	12 50
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 00	15 00
MRS. INE	1 25	10 00
G. H. CRANE	2 00	15 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00
ROOSEVELT	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention the Review when you write

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12 50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2.00 per 100; $15.00 per 1000.

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Carnation Cuttings

We now have ready good well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	6.00	50	Lawson	2.50	20
Boston Market	4 00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3 00	25	Harry Fenn	5 00	40
Prosperity	2 50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100 00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,

Long Dis. Tel. **BILLERICA, MASS.**

Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.

$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.

Mention the Review when you write

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Mention Review when you write.

YOU WILL FIND ALL THE BEST OFFERS AT the time in the Review's Classified Advs.

FLAMINGO

The finest scarlet carnation ever introduced. Brilliant color; large, fine flower; fragrant; great keeper; long, stiff stems early, free, continuous and ideal in habit.

ALBATROSS

The whitest of the whites. Early, will produce fine flowers in the field. A constant bloomer, never produces a weak stem, strongly clove scented. A most extraordinary keeper, a business carnation, a money-maker.

SUNBIRD

The strongest, most vigorous and most prolific of the yellows. Beautiful form, large flower, stiff stems, as free as any variety, is universally admired and sells readily.

L. E. MARQUISEE,

207 Delaware St., SYRACUSE, N. Y.

Mention the Review when you write.

PROVIDENCE, R. I.

The Market.

Business since Thanksgiving has been fair or rather quiet for the season. There has been a good supply of everything except red roses. The Christmas trade was very good. Blooming plants sold best, next berried plants, such as ardisias, oranges, etc. There was a good demand for holly and greens, also red bells. The cut flower demand was up to the usual standard. The weather was perfect for delivering. Good Brides and Maids brought $8 to $15 at wholesale, $3 a dozen retail. Good colored carnations brought $4 to $5 per 100 wholesale and $1 per dozen retail. Fancy carnations were $1 per dozen wholesale and $2 retail. Violets were a glut at the last moment. Most of the stock arrived in good shape, as the crop was off with a good many growers. Some carnations showed the effects of being salted. The violet growers had been holding off since Thanksgiving and came to the front at the last moment with, "How many do you want, $1.50 per 100?" Some had the nerve to ask more.

Notes.

Thomas Curley had a fine lot of poinsettias to cut.

F. Macrea & Sons had a merry Christmas with chrysanthemums.

J. Wood made a great showing of red bells and immortelle designs.

T. Keller's father is visiting him, after a number of years' absence. He helped Tom out in the rush.

T. J. Johnston had a great showing of fruited and blooming plants, with polished oak tubs with brass fittings to set them off.

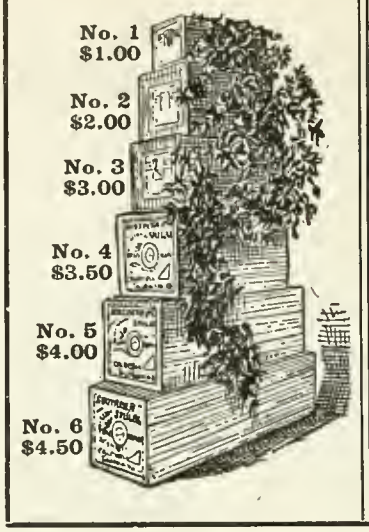
O'Connor did a land office business, working day and night.

T. R. Peterson reports good trade.

John Macrea's Lorraine begonias were little beauties.

J. A. Budlong & Sons' big cut of roses and carnations all went to the Boston market. R. I.

ENCLOSED find the final payment on my Florists' Manual, by Wm. Scott, and permit me to say I never invested $5 in a better way.—E. V. BUSHONG, Edgerton, O.



"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"

("THAT'S ALL")

This stock can be had **only** direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.

EVERGREEN, ALABAMA.

Geraniums and Miscellaneous Stock.....

From 2½-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100: $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20.00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii",	40c	2.00
Coleus, 15 varieties....per 1000, $15.00,	40c	2.00
Chrysanthemums. Hardy Pompon, list of over 100 varieties now ready. Ask for it. Orders booked now for spring delivery.		
Forget-Me-Nots, large flowering.. .	45c	3.00
GERANIUMS, such varieties as Centaur, Gulean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Grauville, Mrs. E. G. Hill, Mme. Bruant Queen of the West, Single Gen. Grant, etc.....	40c	2.00
Grasses, Erianthus Ravennae, Eulalia Striatis, Gracillima Univittata and Japonica Zebrina.....		$5.00
Hardy English Ivy....per 1000, $15.00,	40c	2.00
Hardy English Ivy, rooted cuttings.. ..		.75
Heliotrope, in variety	40c	2.00
Hibiscus, in assortment.	60c	4.00
Holt's Mammoth Sage, per 1000, $15.00,	40c	2.00
Lemon Verbena.... ...per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties. per 1000, $17.50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens. per 1000, $17.50		2.00
Smilax.... .....per 1000, $15.00.		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots.....	75c	4.00
" **Uvaria,** 2¼-inch pots.....	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON, **White Marsh Maryland.**

Mention Review when you write.

Asparagus Sprengeri,
2-inch.....$1.20 per 100.

Smilax, 2-inch.....$ .75 per 100
Dracaena Indivisa, 2-inch..... 2.50
Cryptomeria Japonica, 2-inch .. 5.00 "

E. I. RAWLINGS, Quakertown, Pa.

Mention the Review when you write.

ALYSSUM—3-inch, $3.00 per 100.
Pelargoniums—Mixed varieties, 2½-inch, $3.00 per 100. **Petunias**—Mixed varieties, 2-inch, $2.00 per 100. **Ivy Geraniums**—Mixed varieties, 2-inch, $2.00 per 100. **Primulas**—Obconica, rosea, fine plants, 3-inch, $5.00 per 100. **Geraniums**—R. C., Poitevine, E. G. Hill, A. Ricard, Gen. Grant, La Favorite, all mixed, $1.50 per 100; $12.00 per 1000. Cash please.

CONVERSE GREENHOUSES, Webster, Mass.

Mention the Review when you write.

..FERNS..

Boston and Piersoni

Pot-Grown Plants.
Finest Quality.

Bostons—2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni—Strong rooted runners reduced to $10.00 per 100. 2½-in., $16.00 per 100; 4-in., 50c each; 5-in., 75c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices,

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

Mention Review when you write

Primroses, Chinese and Obconica

Extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus,** from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100.

SAMUEL WHITTON, 15-17 Grsy Ave., UTICA, N. Y.

Mention the Review when you write.

The Florists' Manual
by
William Scott

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00
Rooted Rose Cuttings—		
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Perle	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., CHICAGO.

Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

CARNATION SPECIAL.

READY TO GO OUT OF CUTTING BENCH.

	100	1000
35,000 Gov. Wolcott, undoubtedly the best white	$3.50	$30.00
25,000 Enchantress, undoubtedly the best light pink	5.00	45.00
25,000 Lawson, one of our favorites.	3.00	25.00
15,000 Palmer, about as good as any red	$3.00	$25.00
Harlowarden	5.00	
Higinbotham	4.00	
Prosperity	3.00	
Lillian Pond	5.00	

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 per doz.; Liger, Richardson, Yel. Eaton, $1.50 per doz.

POEHLMANN BROS. COMPANY, Morton Grove, Ill.

Mention Review when you write.

PARTRIDGE-

HAS

"NELSON FISHER"

AND

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. "**Nelson Fisher**" has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12.00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,

"Bloomhurst," Station R. CINCINNATI, O.

Mention the Review when you write

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

12 7 Arch St., Philadelphia, Pa.

Mention the Review when you write.

CARNATIONS -- Rooted Cuttings.

JANUARY and FEBRUARY DELIVERY.

	Per 100	1000
Nelson Fisher	$12 00	$100 00
Mrs. Patten	12 00	100 00
The Belle	12 00	100 00
Lady Bountiful	12.00	100 00
Flamingo	12 00	100 00
Adonis	8 00	70 00
Eochantress	6 00	50.00
Boston Market	4.00	35 00
Fair Maid	4.00	35.00
Gov. Wolcott	4.00	35.00
Pres. McKinley	3.50	30.00
Nelson	3.00	25.00
Estelle	3.00	25 00
Floriana	3.00	25 00
Innocence	3 00	25.00
Prosperity	3.00	25 00

	Per 100	1000
Gaiety	$3.00	$25 00
Stella	3.00	25.00
Lawson	2 50	20.00
Morning Glory	2.50	20.00
Glacier	2 50	20.00
Marquis	2 50	20.00
Dorothy	2.50	20.00
Gov Roosevelt	2 50	20.00
Joost	2.00	17.50
Lorna	2.00	17.50
Norway	2 00	17.50
Maceo	2.00	17.50
Gomez	2.00	17.50
Succe-s	2.00	17.50
Triumph	1.50	12.50
White Cloud	1.50	12.50

GERANIUM CUTTINGS

From plants on the bench, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin.

CHRYSANTHEMUM STOCK PLANTS.

Halliday, R. H Pearson, Viviand-Morel, Col. Appleton, Timothy Eaton. Fee de Champsaur, White and Yellow Jones, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8 00 per 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden-Powell at $10 00 per 100. Park at $5 00 per 100.

BOSTON FERNS.

7-inch, $1.00 each; 8-inch, $1.25; 9-inch, $1.50.

Cash or C. O. D.

W. J. & M. S. VESEY - FT. WAYNE, IND.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,

FLATBUSH, N. Y.

Orders may also be sent to the firm of

SINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write.

WIRE DESIGNS MADE UP-RIGHT

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

MANUFACTURERS.

.....CATALOG ON REQUEST.

Mention the Review when you write

MILWAUKEE.

The Christmas Market.

Another Christmas has gone into history and it goes on record as a satisfactory one in general for the florists' trade. The Christmas price lists were sent out earlier than usual and buyers were more prepared in booking orders, and there was less complaint on the advanced charges. Shipping trade was fine, but the demand was principally for colored carnations and red roses. Good Crane, Lawson, Lord and Marquis went at $8 per hundred and other varieties according to grade. Roses sold well; even white was cleaned up. They ranged from $8 to $15 per hundred for shipping stock, according to quality. There were plenty of smaller flowers, such as Romans, valley, Paper Whites, and stevia, to go around without any advance in price. Violets sold well at $2 per hundred. The quality of stock in general was above the average, and no pickled stock was on the market.

The plant sales were fully fifty per cent ahead of last year, principally due to the excellent weather and the fine supply on hand. C. C. Pollworth Co. had a choice lot of azaleas and poinsettias which sold all right. There were also a lot of cyclamens, primroses and Begonia Gloire de Lorraine in the market.

Notes.

Currie Bros., M. A. McKenny & Co., Kapsalis & Lambros and J. Fox, the East Side florist, all had fine window displays which brought in many doubtful buyers.

Wm. Edlefsen and Mrs. Baumgarten, on the West Side, displayed a fine lot of blooming plants in great variety.

The demand for holly was larger than ever and more fancy stock could have been sold had it been available the last day. Incog.

CATALOGUES RECEIVED.

Storrs & Harrison Co., Painesville, O., nursery stock, etc.; F. Ludemann, San Francisco, nursery stock; W. K. Nelson, Augusta, Ga., field grown roses; California Rose Co., Los Angeles, roses; Samuel Dobie & Son, Chester, England, seeds; W. W. Barnard & Co., Chicago, florists' flower seeds.

Your paper does the work, all right.—J. C. Schmidt, Bristol, Pa.

GERANIUMS and OTHER Seasonable Stock

All Stock from 2½-inch pots, except where noted.

GERANIUMS—Standard varieties, such as S. A. Nutt, Marvel, Mme. Barney, Jean Viaud, La Favorite, Heterantha, etc., $2.50 per 100; $20.00 per 1000.
Le Soleil, Mme. Jaulin, John Doyle, Fleur de Roze, A. Ricard, Beaute Poitevine, Mrs. E. G. Hill, Vera Vend, etc. $3.00 per 100; $25.00 per 1000.

Our Selection of varieties, to include many of the newer sorts, $2.50 per 100; $20.00 per 1000.

ABUTILON SAVITZII, $3.00 per 100. **ABUTILON ECLIPSE**, $2.50 per 100. **ASPARAGUS SPRENGERI**, $2.00 per 100; 3-inch, $3.00 per 100. **BOSTON FERN**, $4.00 per 100
PALM—Cocos Weddelliana, $10.00 per 100; 3-inch.....$15.00 per 100. **OTAHEITE ORANGE**, $3.00 per 100. **PONDEROSA LEMON**, $3.00 per 100.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

Mention the Review when you write.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, **Troy Hill, Allegheny, Pa.**

Mention Review when you write.

SMALL FERNS for Fern Dishes Strong plants in 2¼-inch pots, at $3.00 per 100, $25.00 per 1000.

PRIMULAS. **OBCONICA GRANDIFLORA, ALBA, ROSEA** and **FIMBRIATA**, strong plants, 2½-inch pots, $3.00 per 100; $25.00 per 1000. Cash.

OECHSLIN BROS., 1688 W. Madison St., Chicago.

Mention the Review when you write.

DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention the Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Palms, Ferns, Etc.

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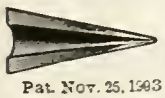

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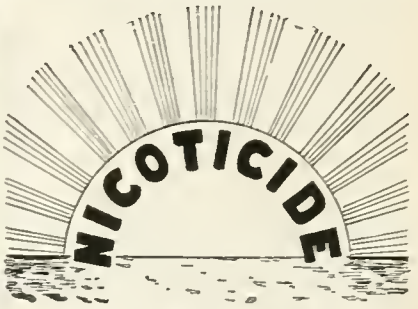

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S. H. W.

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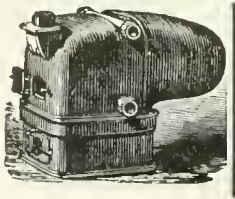
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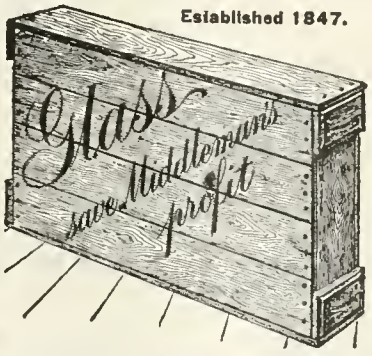

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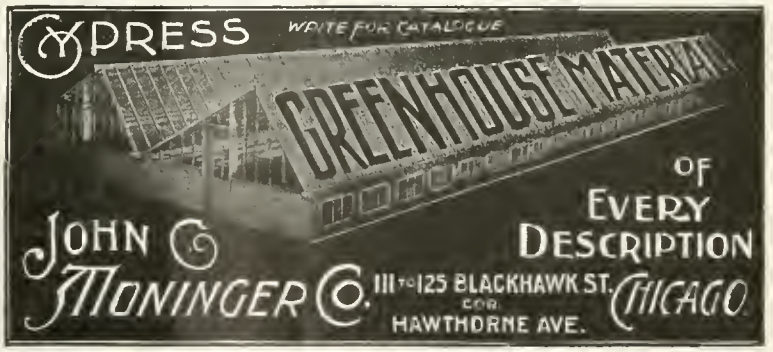

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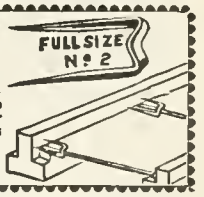

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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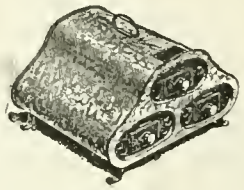

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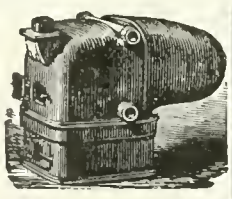

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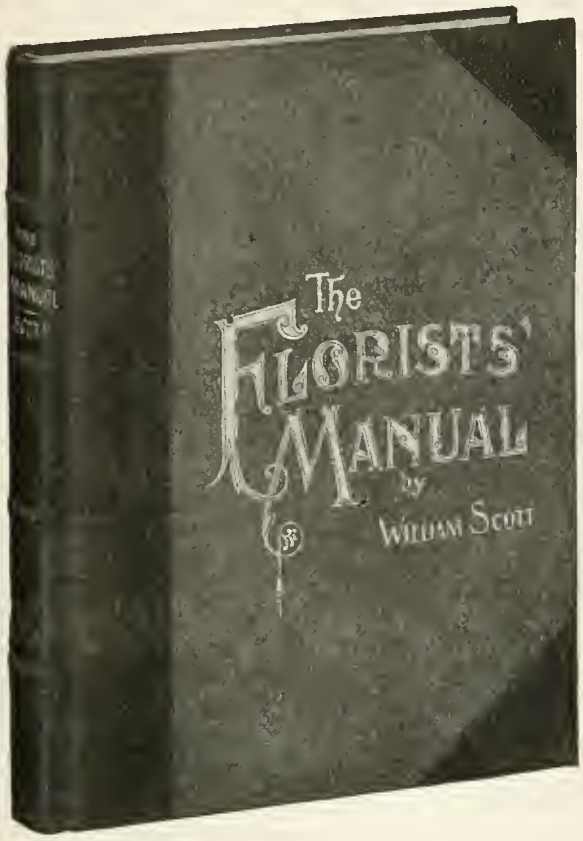

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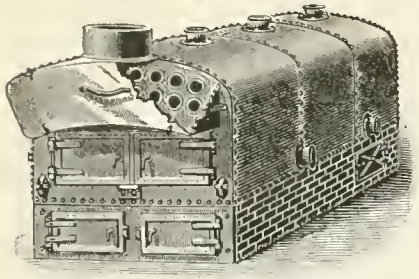

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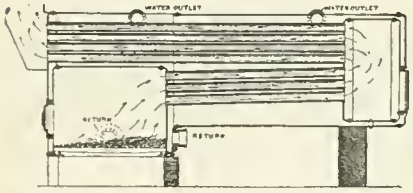

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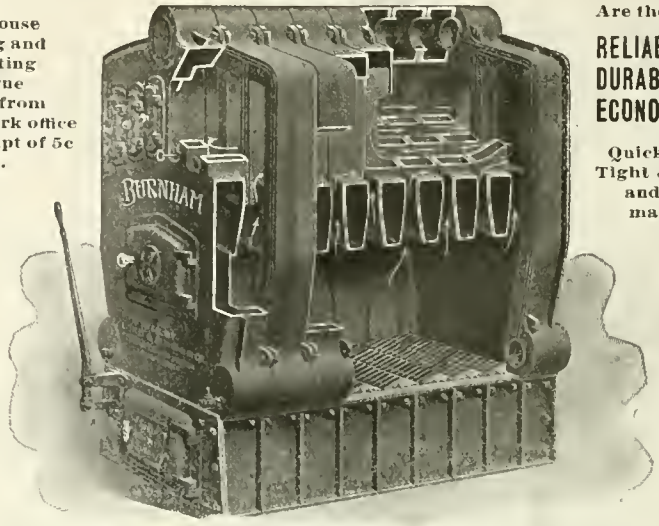

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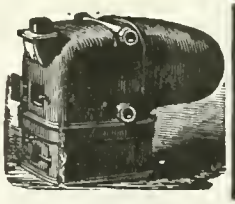

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Vol. XIII. CHICAGO AND NEW YORK, JANUARY 7, 1904. No. 319.

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The first step in making a funeral design is to fill the frame. This requires two materials, lining for the frame, and moss for the filling. The best lining now in use is common fern leaves. Lay a thick mat of wood ferns all over the inside of the frame, not forgetting the sides and corners. A part of this lining is shown in the first illustration. The process of design construction is shown here, each stage occupying a section of the design frame. Tin foil is no longer the best appearing nor the most economical lining. If used as lining for good work it must have a green covering on the back, while the ferns serve both purposes at once.

After laying in the lining, fill the entire inside of the frame with sphagnum moss which has been soaked in water from twenty to thirty minutes, and wrung out tightly enough to prevent dripping. This moss is sold in bales by all florists' supply houses. Fill the sphagnum in snugly, especially in the corners and edges, level with the top edge of the frame. To secure moss from falling out in case the design is turned upside down, as often happens in shipping, lace hemp twine across the top of the frame, tying with a hard knot to the wire. The twine wrapping shows over the empty part of the frame and the panel of fern lining in the illustration. Having caught in all the loose ends of the sphagnum and tucked them out of sight inside of the frame, we are ready for the construction of the design florally.

Stemming the Flowers.

There are many styles of arrangement for a pillow, but all things considered, it is thought best at this time to use the solid carnation background as a model here. A beginner should have learned to stem before attempting the construction of a design. If not, here is the process of stemming carnations for background work: Have at hand as tools a strong pair of shears that will cut heavy stems, wire and soft wood; two or three grades of fine wire, soft wood toothpicks, and some invisible hairpins. In the wire have at least Nos. 24 and 36. Some florists use tweezers, but they are scarcely needed for ordinary work. Fingers are as good and cheaper. Shorten the carnation stems to within half an inch of the calyx and cut off one-fourth of the length of the toothpicks. A handful can be cut at once with the heavy shears. Insert a three-quarter pick in each carnation from the top down through the heart of the flower and through the calyx, till it emerges parallel with the stub of the stem, the point being at least half an inch below the end of the stem. The blunt end will be out of sight in the heart of the flower. Put all the carnations to be used for background work through this process at once. The carnation, by the way, is the only flower to be stemmed in this way, with the pick inside the flower.

Next cut some No. 36 wire into six-inch lengths, and carry a bunch between the thumb and first finger of the left hand. With the right hand wrap the carnation flower tightly to the pick, using a single strand of wire from the bunch. Let the wire wrapping extend from about half way up the calyx nearly to the end of the pick. Be careful to catch in the lower end of the carnation stem exactly at the point, so that it cannot stop the newly stemmed flower from being pressed quickly into the sphagnum. Learn well the mechanical parts of the work. Aim at accuracy and neatness first. Speed will develop with practice.

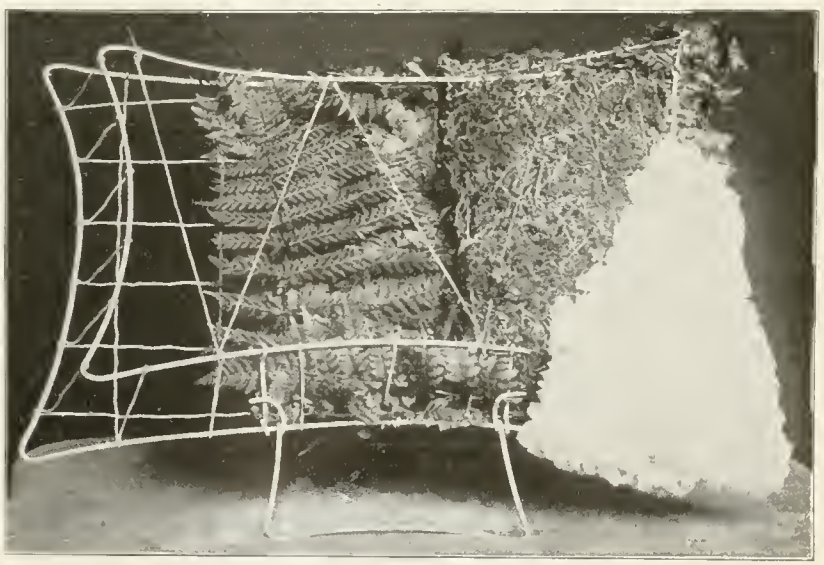
Construction.

Having stemmed all the carnations needed, allowing one small carnation to each square inch of space, or one large carnation to each two inches, fill in the background by inserting the stemmed carnations straight into the moss, and close enough together to hide the sphagnum. The lower right hand corner of the pillow in the first illustration shows this process. Cover the corners carefully, and extend the carnation background over the back edge about an inch, to add depth and thickness to the piece. This needed appearance of depth is peculiar to the pillow. Most other pieces, especially those of outline character, would be made too heavy looking by this treatment. It is the habit of many florists to edge all designs with smilax. But the solid carnation finish is a change, and therefore commendable. If smilax is used, cut a string equal in length to the distance around the pillow frame. Where the smilax follows the corners, tie it on with a fine wire, and trim off the ends so that the fastening cannot show. We now have a strictly outlined design with a smooth white background. This finishes the mechanical part, except the stemming of the flowers and green to be used in trimming, and the lettering.

Lettering.

The lettering can be made in flowers on a large enough piece. Violets are the best flowers, but carnations will do for a short name. In all cases where lettering is used there must be a sharp contrast between the color of the letters and the color of the background. Of the manufactured materials for lettering, chenille is commonly used. The most serviceable colors are purple, white, blue and red, in silk and wool. Silk is softer looking on the flowers, but will not stand moisture. The wool is coarser, but more durable. It is all wired, and can be bent in any shaped letter, and cut with the shears. Press the letters down flat against the background, and pin them through the carnations firmly with invisible hairpins or tiny staples made from No. 24 wire. Immortelles, if used for lettering, should be stemmed and inserted individually. Then there are many made-up letters and words with pins, to be had.

Lettering is usually set on in panels straight across the pillow. If the name is long, a diagonal panel from lower left to upper right hand corner, gives more room, and makes the pillow look larger. So far as the artistic value is concerned, lettering is no addition, but precedent demands it, and good sense permits its use within reasonable limits. The legends, "Rest" and "At Rest" have no business on a pillow. If the whole appearance of the pillow itself does not suggest restfulness, it is a failure. Exclude, if possible, from being inscribed on a pillow, or any other piece, any word or initial indicating



A Floral Pillow, Showing Three Stages of the Work.

the donors. That should appear on a card which accompanies the piece.

Trimming.

We are now ready for the delightful part of the work, where the talent for design will begin to assert itself. There is nothing prettier for the top of a pillow than a spray, more or less elaborate, according to the space. But if no more than half a dozen roses are used, the spray can be just as graceful as if half a hundred were used. Short, slender-stemmed roses will do very well. Their pliability is a virtue. Very decidedly in these, and to some extent on all so-called straight stems, there is a curve or a turn toward the top of the stem that marks the character of any one flower as an individual, or we might say, as a unit of ornament. Cut the stem of a rose in a wrong place and you have destroyed its individuality, and made it indeed a stiff, deformed thing. A little study will make it easy to find these personal traits, these points where one flower differs from every other flower of its kind. To be able to discover these individual peculiarities first, and second to combine the different individuals in their proper relations, is the sum and substance of floral art. If one can grasp these basic principles as a foundation, he will save himself much labor in later years, trying to get to the bottom of things.

Study the lines, curves and turns in each flower. Some bend one way, some another; some nod, some look up, some twist around themselves. Those that curve toward the right we will select this time for our spray around the name on the pillow. Those that incline in the opposite direction will do for a branch spray, and the heavier, larger flowers will form the base of the spray.

In the second illustration there are a number of roses selected at random for the study of individuality. Their decisive curves are placed just above the horizontal line. Right there is the point where they may be safely cut, and still retain their grace. After cutting each flower at its decisive point, stem the lower end on a whole pick, wrapping as in the case of the carnations. If roses have large or abundant foliage, take off part of the leaves. One will naturally give the spray the direction of the lettering. Insert the stemmed roses through the carnation background into the sphagnum, till the upper end of the toothpick disappears. Observe that the pick, as it carries the roses for the spray into the sphagnum, is inserted at an angle of about 45 degrees to the surface of the pillow. This places the roses in easy positions on their sides. Where the spray is elaborated with one or more branches, be careful to keep the main part the larger, and trace all branches to the one source.

Add some delicate green, stemmed as the roses are, keeping it in line with the spray lines of the roses. To hide the part of the wire-stand visible in front, fasten part of a string of separated smilax on the right side of the frame, and train from that point over the right hand corner of the pillow, and in the opposite direction across the frame, fastening with No. 36 wire.

Material.

Almost any kind of flowers handled in stock may be used on a pillow. Where to use them, and how, is where to exercise the care. Only a few are suitable for backgrounds, but some one or two of them are in season at all times of the year. For ordinary uses this must be a double flower like the aster, carnation, or chrysanthemum, and of even top surface and one color; that is, each flower should be a solid color. Some asters and chrysanthemums when opened fully, show considerable yellow center. These are not suitable for background work. The yellow centers here and there make the surface look patchy. The background should be either one solid color, or regularly shaded from dark to light. But don't attempt to shade without having intermediate colors, as well as tints and shades of the color. Pansies and violets are among the single flowers suitable for backgrounds. A pillow of violets with lighter flowers as trimming makes a superb piece. Very much the same effect in color can be obtained with dark pansies carefully shaded.

Roses are not at all suitable for backgrounds, with the possible exception of Clothilde Soupert. Even that variety is too soft and frail. Lilies may be used as trimming with good effect if the pillow is twenty inches or over. Swainsona, valley, Roman hyacinths, freesias, and other delicate bulbous flowers, violets, chrysanthemums, asters, and, in fact, almost any other ordinary flowers may be used for trimming, as the roses are used in the pillow illustrated. The single radiate flowers, such as daisies and cosmos, do not appear to advantage here.

There are many styles of arrangement for a pillow, especially with the solid background style, for with that construction one is free to use any design on top without interfering with the definite outline of the piece. A crescent wreath of roses around the name is made in the same way as this spray. A delicate veil of asparagus or adiantum can be thrown over the whole. Vertical panels of fine green, borders of small flowers are popular.

The ideal pillow is deep, light appearing, soft and restful. It should be very neat, yet easy and free, with a certain sense of symmetry to the finished piece. Gertrude Blair.

A Character Study in the Bend of Rose Stems.

ROSES.

Propagation by Grafting.

This method of propagation as compared with propagation by cuttings, seems at first sight irksome and difficult. Those who have had no experience in this class of work are usually a little afraid to make a trial, the bugbear of failure being ever present in their minds. To the European trained florist whose curriculum embraced all the different methods of grafting a dissertation on this subject may seem a waste of space, but to the majority of the American trained whose knowledge consists of what he may have been able to pick up by accident or absorb from his environment an article on this subject given from a practical standpoint has quite a different value.

Grafting operations usually begin in January and are continued by some growers even as late as May, but the most successful batches are produced from the middle of January to the middle of March, as during that period we have more control of conditions as regards temperature, moisture and shading than we can have when the season is further advanced.

The Grafting Frame.

The first essential towards successful grafting is to have a good frame or pit in which to place, and care for the newly grafted stock. This can easily be converted out of an ordinary bench by boarding up the back and front, so as to conserve the heat, much in the same way as we make a propagating bed out of an ordinary bench when pressed for room, but to get full benefit it must be as air tight as possible.

There should be sufficient piping to insure at all times a bottom temperature of 75 or 80 degrees. The boards of the bottom should, if possible, be at least fifteen or eighteen inches above the piping and have a covering of loose ashes at least one inch deep, on which to place the plants. The glazed sash should be high enough to give the plants ample headroom.

The Style of Graft.

Many are the styles of grafting recommended, but as expediency and speed are the principal objects to be attained, nearly every propagator has his own, usually being the one at which he is most expert. Whip and splice grafting in various forms, with or without the tongue, being by most experts considered the

Beginnings in Design. The Pillow in its Completed State.

most expeditious, is that in most general use for indoor grafting.

The manual part of this operation, while being quite simple, is rather difficult to describe, a very short object lesson being of more importance than columns of descriptive matter. The fundamental principle pertaining to all styles of grafting is the necessity of having a direct communication between the layers of inner bark in all the parts to be united, as without this a perfect union cannot be effected. The woody parts of the stock and scion never unite but are usually so covered up by the outer growth that unless the parts are dissected it is never discovered. If this principle is attended to the style of grafting may be varied at pleasure with the same assurance of success.

A well sharpened knife is one of the first requisites, as a clean cut will unite much sooner than one made with a dull knife. The scion should be tied firmly but not tightly in its place, with some soft tying material that will not cut into the bark.

The Manetti stocks should be brought in and placed in the bench some time previous to grafting, so that root action may be started, thus giving a supply of sap for the immediate support of the scion, but not left long enough to cause the eyes to break. The scion should be of the same quality of wood as that used for cuttings and should be selected with the same critical care.

Air and Temperature.

Immediately after the scion is attached they should be replaced in the frame, syringed and the sash closed tightly. The case should be kept closed for the first ten days, opening it only for a few minutes morning and night to dry off the superfluous moisture and to change the air. As soon as union has taken place they should get a little ventilation, which should be gradually increased, a careful watch being kept to prevent wilting. In about three weeks from the time of grafting, if all conditions have been right, they can be removed to the open bench, where a temperature of 60 degrees is maintained, and given a light shade on very bright days for a week or so, until they are hardened off, gradually reducing the temperature till it drops to 56 degrees.

In syringing they require more care than stock on its own roots, as the scions are liable to get detached if too much force is applied; otherwise they can receive the identical treatment as own-root stock.

From time to time they should be looked over and any suckers from the stock removed, as they, if allowed to remain and develop leaves, being nearer the source of supply, soon deprive the scion of nourishment.

The Manetti, possessing vigorous root action, will require careful attention as regards potting so that they may not become pot bound, which causes the stock to ripen prematurely and acts as a check upon the sap supply, upon which the life of the scion depends. RIBES.

LONDON FLOWER MARKET.

The flower market for Christmas is thus reported by the Gardeners' Chronicle:

For cut flowers, though supplies were plentiful, there was a general advance in prices. Lilium longiflorum and arums or callas were fetching from 5s. to 6s. per dozen. Good chrysanthemum flowers are also dearer. Carnations are much in demand. Good roses sell well, but the large quantities now imported from France affect the sale of smaller blooms. The variety Safrano from France has been very good and abundant. Some of these flowers have been selling in the streets, three good blooms on long stems for a penny. Violets have been equally plentiful and cheap. Eucharis has been plentiful; the flowers seem to have come in rather too early. The prices of lily of the valley do not fluctuate greatly. Camellias, gardenias and tuberoses are plentiful.

EASTER LILIES.

Will someone please inform me when Harrisii lilies that are now fine, strong plants, but kept in 50 degrees night temperature, should be moved to 60 degrees to bring them in for Easter? K.

If K had told us how high or how forward these "fine, strong plants" were at the present time we might speak more definitely about temperature. They may be fine and strong and only six inches above the pot, or they may be eighteen inches high. If the former, then they may be kept at 55 degrees at night till early February and then moved into 60 degrees, but if by early February you can just discern the buds forming in the crown of leaves you will not want to give them any more heat. As very recently said in these columns, you can't bring all these Harrisii lilies in at Easter without considerable moving. Some individual plants will want a higher temperature than others. By the middle of February you will be able to tell which plants will need more heat than others. If you can see the buds plainly, so that you can count them six weeks before Easter, you will be safe without any great forcing. W. S.

LONGIFLORUM LILIES.

I have some longiflorum lilies in cold storage that I want to flower during June. When should they be potted and

at what temperature should they be kept after growth commences? L. N.

If bench room was of no great importance to you, then it would be best to pot these lilies at once and keep them in a very cool house, say 40 degrees at night, or even beneath a bench where there is not too much drip would do very well for a month. It is better for the bulb to be in the soil and slowly making roots, than it is to be in cold storage. Although for July, August and September flowering we have had very satisfactory results from bulbs kept in cold storage till May or June. June flowering is not late and if started at once and brought along very cool they would not be in flower before June. If space is of great importance to you, then you can defer starting them till the middle of March, but then you will have to give them a brisk heat both day and night during April and May.

This may be some guide: A few years ago we received 2,000 Japan bulbs too late for Easter, or we then thought so. We left them in cold frames in 5-inch pots till after New Year's, then kept them in a cool house, 40 degrees to 45 degrees at night. With the natural increase of heat and sun as the season advanced they came in just precisely right for Memorial day the last of May.

W. S.

MISCELLANEOUS SEASONABLE HINTS.

Starting the Easter Roses.

Last week I spoke of Easter roses soon needing attention. The most important of these are the Crimson Rambler and hybrid perpetuals. It is of no use now to mention the varieties of the hybrids best suited for forcing, as you have them already.

To begin with the Ramblers. Perhaps the largest growers of these lift them from the field about the middle of November and keep them in a cool, shaded house or shed, with frequent syringing, so that the canes do no shrivel nor are the eyes injured. They slowly get hold of the soil and will now bear a little more heat and the fullest light. Perhaps about 45 degrees at night would be a good temperature till the leaf buds are ready to break, then 50 degrees at night for some weeks, finishing off with 55 degrees at night. I am certain that if you can develop their beautiful trusses of bloom in 55 degrees you will have a much deeper, finer color to the flower than if done in 65 degrees. Spraying the foliage on every bright day till the flowers are out should be done. It helps them to break into growth, keeps down red spider and produces an atmosphere congenial to a healthy growth.

Ramblers Grown in Pots.

Plants that were grown in pots last summer and have made three or four good canes and have been resting in a cold frame since the first of November will make the most satisfactory plants and will do it with little trouble and no risk of their coming blind. They will force in less time than the lifted plants if you choose, because they have active roots undisturbed. Still they are better given plenty of time and the middle of the month is late enough. Start them slowly and increase the heat as they need it. These plants, grown all summer in pots, will have about used up the soil, so take off an inch of the surface and replace with two inches of rot over-decayed cow manure.

I think every one prefers a Rambler rose that is not over-tall, but one that is clothed with foliage and some flowers from bottom to top. Three or four stakes three feet long and pushed into the soil of a 7 or 8-inch pot will enable you to tie the canes spirally around these stakes and make a far more attractive plant than one having only flowers three feet from the pot.

Mildew on Ramblers.

Mildew often attacks the Ramblers. It was quite bad outdoors last summer, on plants that were growing vigorously in the open ground. That could be accounted for by a few scorching days in July, then a night of cold rain and the temperature down to 43 degrees on July 20. How is that for a subtropical climate? Under glass it can be avoided.

But there are several causes for mildew, any one of which will account for it. Letting the plants get dry at the root, dry to the wilting condition, will bring on mildew, but the most fruitful cause is a serious fluctuation of temperature. A week of bright sun in March, the temperature of the house 80 degrees and during the night 60 degrees, and then through carelessness or bad luck (?) a drop to 45 degrees some night, and you have mildew. Ventilators left open an hour too long and a chill settles on the plants which will "fix" them. The cooler or rather more moderate the temperature the less fear of mildew.

Dorothy Perkins.

I hope you have some Dorothy Perkins to force along with your Crimson Ramblers. It wants just about the same time and treatment and the few we had last year were quickly picked up. It's a beautiful pink. The truss of bloom may not be quite so large, but the single flower is as large as Crimson Rambler. The habit of the plant is fine and the small, dense, bright green foliage makes it most attractive.

Hybrid Perpetuals.

Few hybrid perpetual roses are grown in pots the previous summer for Easter blooming, for there is no need of it, they do so well lifted in the fall. It's quite a different case from the Ramblers. On them you retain all the wood; on the hybrid perpetuals you cut off at least two-thirds of the previous summer's growth and they have comparatively only a few eyes to support and roots are made as fast as the top growth progresses.

I said last November to pot these roses and, after a good soaking, to lay them on their sides and cover with four or five inches of earth and later a few inches of straw or litter to keep severe freezing out. I trust you will have little difficulty in getting them out and you will find the wood and the eyes plump, more so than if you had stood them up in a cold frame. The middle of the month is time to start them and, as far as temperature, spraying, etc., the treatment needed is just the same as with the Ramblers lifted from the ground. There are no active roots and, therefore, they must start slowly.

Cutting Back Important.

The cutting down is a very important point. If cut too high you will have only the top eyes to break, with six or seven inches of bare stem. If cut too low the eyes at the base of the growths may come blind and then, as a pot plant, your labor is in vain. It's difficult to teach without having a plant before you. I would say leave three or four good, plump eyes on each growth, cutting out the weak growths entirely. If these rose plants were budded high it is almost impossible to get root and stem into a 6-inch pot and make a presentable plant. That is why all roses planted for this purpose in the spring should be low budded, so that when severely cut down at planting time the young growths start almost at the surface of the ground.

The nearer you can finish these roses to 55 degrees the stouter and better in color in leaf and flower will they be, and better value to your customer. When Easter comes a Crimson Rambler may be in fullest bloom and please all the better. What is coming won't be questioned, but with a hybrid perpetual they are so familiar to all that two expanded flowers and seven or eight buds to open will please far better than one with four open flowers and the rest ready to shed their petals. William Scott.

EARLY MUMS.

For some years I have grown two houses 18 x 100 in early mums; by early I mean being all cut by October 26. This season I planted Pacific, Polly Rose, October Sunshine and Robinson. These I consider good commercial mums, but I would like two or three more sorts to come in about the same time. I have tried such standard sorts as Monrovia, Bergmann, Willowbrook, Lady Harriet, etc., but for different reasons have given them up. I would be glad to hear any suggestions in reference to same. H. D. D.

If H. D. D. has not already tried Mrs. Coombes and Alice Byron, I would add them to my list of standard varieties to grow for early cutting. Prices for the past two years have been very poor for October mums, but if he perseveres H. D. D. may reap a good harvest yet, for when we happen to get a killing frost early in October the mum is needed and badly, too, to fill up the sudden blank caused by the removal of the outside stock from the market. I think he will find Byron a much more satisfactory white to handle than Robinson, for it does not spot and if the bud is taken early in August the flower can be cut in fine shape early in October. A novelty of last year, Mrs. T. W. Pockett, brought me good money the first week in October and H. D. D. would not be far wrong

in getting a stock of it. If he can stand the price there are three varieties in the novelty list of this year that I would recommend him to try, and these are W. Duckham, Donald McLeod and Harrison Dick. They are all October bloomers and I can assure him that he will find them all right in habit, vigor and every other point.

BRIAN BORU.

LORRAINE BEGONIAS.

From nearly every section of the country the report is that the most popular Christmas plant is the Begonia Gloire de Lorraine. In general the culture of this plant, after the propagating stage, so well understood that the stock offered was of very good quality, but few have had better success than has A. Jablonsky, whose establishment is at Wellston, just outside of St. Louis. The accompanying illustration shows some of Mr. Jablonsky's shapely plants.

BEGONIA GLOIRE DE LORRAINE.

Will you please give us instructions as to propagating Begonia Gloire de Lorraine: How to treat the stock plants from now on; when to make the cuttings; what kind of growth to use, and other details. This begonia has sold so well this season that we wish to greatly increase our stock. F. M.

Although of late quite successful with this charming plant I most fully realize that there are many readers more capable of answering the above, which includes nearly all there is to be known on the subject. This begonia is a hybrid. It is semi-tuberous-rooted, not deciduous, yet it wants a rest and after flowering for the large plants is the time to give them the rest.

Supposing you have some plants in 4, 5 or 6-inch pots unsold, in a few weeks the flowers will be about gone. Then, without cutting the plant down in any way, but merely pinching off the old flower stalks, remove the plants to a cool, light bench. Keep them rather on the dry side and the temperature about 45 degrees at night. This is the rest they require and it is enough.

At the end of April or in early May they may show signs of sending up growths from the root and if they do not it is time to take off a very little of the old soil, without any loss of roots, giving them one size larger pot than they were in. With a little fire heat and the natural light and warmth of the season they should make many stout, young growths from the base of the plant. These, taken off, root readily in sand and from the day they are rooted should be kept growing.

The conditions that suit them in July, August and the fall months are very well understood and it is in September and October that they do their fastest and best growing. In the hot summer months shade from bright sun, with no shade on dull days, early morning or late afternoon. Give plenty of ventilation in the house. And when once they are in 4-inch pots it pays to raise them on an inverted pot so that there is a free circulation of air all around them and their branches are not crowded. A well rotted sod with a third of leaf mold will do for soil and wet the foliage as little as possible when watering.

Many of these begonias are propagated from the leaf in September and October.

Lorraine Begonias Grown by A. Jablonsky, Wellston, Mo.

The leaf stalk with leaf attached is inserted in sand, or sifted coal ashes seem to do just as well. From the bottom of the leaf stem a tuft of roots will form and several growths start. Cuttings from the growths of larger plants are also made in the fall months and if you can get either of this class of cuttings to make small plants in 2 or 2½-inch pots by New Year's you can then give them a rest for a few months on some light, airy bench or shelf, just as you would the older and larger plants. These fall struck cuttings, if you get them to start growing freely in May will, of course, make larger plants by the following December than those put into the sand in June and July, but we have sometimes found these little plants slow to start. The young, stout, vigorous growth which starts from the rested plant in May makes a sufficiently large plant, and don't get impatient about their growth in the summer months. It is wonderful the growth these begonias make in October and November. W. S.

CARNATION NOTES—EAST.

Treatment of Young Stock.

Cuttings as soon as rooted need the best of attention and the question is how shall the young stock be taken care of without occupying too valuable space, at the same time preserving its health and, I might add, strengthening its constitution.

Did you ever stop to think how little rest, if any, our carnations get? This is contrary to the laws of health and is the main reason of varieties running out or weakened to such extent as to become an easy prey to disease. As to space young stock takes up, it may be said that too often it has to be content with such as is thought good enough for plants that are giving no immediate returns, which is another violation of health laws, and these two matters have so much in common that by studying the carnation's needs along these lines we shall learn the secret of maintaining vigor in our plants.

Good Quarters Necessary.

Of course a house set apart for young stock would be an ideal plan, but with many this is out of the question; but I wish to lay particular stress on the importance of giving it congenial quarters. This means a bench which receives the full benefit of the sun and so situated that abundant ventilation can be given, so really when considering value of space the only feature not needed is head room. Do not attempt to stand them along the edge of a bench occupied by blooming plants or under the benches close to the paths, for they will surely suffer. Get them up where a sharp glance can be given them every time you pass by.

As I have said before in these notes, fresh soil containing no manure or bone is the best medium in which to put cuttings as they come from the sand, for common sense will tell that plants at rest or partially so are not in need of much food, and that little should be of a simple nature.

Handling the Cuttings.

Whether you pot the cuttings as rooted and later put into flats, or prick into flats and pot a short time before planting out, is a question your judgment must decide, taking as a guide the time of propagation and the peculiarities of each variety. Then, too, the quality of bloom demanded by your market may be a factor in deciding the course to pursue, but it has been proven to be a paying investment to pot

every plant at some time between propagation and planting in the field.

As the cuttings come from the sand it is obvious that they cannot stand strong draughts or sun; neither can the tender roots bear being put into cold, wet soil, nor should the stock be at once placed in the temperature which I will touch upon later.

A week or so out of draughts in a shaded house is preferable to covering with papers, which not only mats down the foliage but increases the tendency to softness. When sufficiently established to stand full sun without wilting, we come to the point where the real period of rest can begin.

I have told you how comfortable quarters and rest go hand in hand, pointed out why plain soil is to be desired, and now bring your attention to temperature, which, if under control, can be made to serve the means of restoring vitality to the plants.

Temperature.

The carnation is capable of enduring a very low temperature, and is, in fact, almost hardy and from this it is evident that nature intended it should spend a portion of the year at rest, and we can provide for this when the plants are small better than at any other time.

A temperature from 10 to 15 degrees lower than required for blooming plants will be found to suit them admirably, as will be seen by the appearance of the stock after a few weeks of this treatment. It will take on that sturdy look so dear to the eye of a grower, and when planted in the field will take hold more readily, grow more rapidly and maintain a more shapely habit than if grown in a higher temperature.

From the above it will be seen that the abundant ventilation before alluded to will play an important part in keeping the temperature at the desired point, and if you cannot plant out until May 1 a side bench having a ventilator opening out from it will be a good berth for them.

Perhaps you may have some well protected frames in which the mercury does not fall below 35 degrees, but let there be no guess work about it, as too low a temperature would be overdoing the matter.

First, last and all the time, keep clear of insect pests.

Geo. S. Osborn.

DRYING OF FOLIAGE.

I have a bench of Guardian Angel carnations that have gone wrong. The foliage begins to dry up at the point of the leaves and continues until the entire leaf is dead. They have been doing this for about eight weeks. I was told that I had not been giving them water enough and for the past three weeks I have been keeping them a little in the wet. But it does not seem to help them. They are producing good flowers on good stems, but the foliage is a fright. What is the trouble and what shall I do? J. S.

I have often seen the disease you are troubled with and although I am unable to tell you exactly what it is, I know it well by sight. In fact, I have had it on Armazindy, from which variety Guardian Angel sported. I have grown Armazindy without losing a leaf and perhaps the very next season it would act just as you say your Guardian Angels are doing. I believe you will find it worse in a very light soil and also if they are kept very dry at times. Also if they lack for want of food. I would begin with a sprinkling of wood ashes and in ten days follow it up with a liberal dose of soot. Mix the soot with fine sifted soil, about half and half. Cover the soil about one-fourth of an inch deep with this and water after it. I would remove all the dead leaves and burn them. You might also spray the plants with the copper and ammonia solution once each week. Cut all the blooms close before spraying it on. I would not propagate from this stock for next season's planting unless they grow entirely out of it at once. We have discarded Armazindy and all its sports, principally on account of this fault, but I know a few growers who claim that Armazindy is still their best money getter. A. F. J. Baur.

BACTERIOSIS AND FLY.

I enclose some branches of carnations infested with some kind of disease unknown to me. Some of my carnations come out all this way. Please let me know the nature of the trouble and the remedy. I keep the house between 50 and 65 degrees at night with hot water and have sulphur on the pipes all the time. P. J. K.

The sample sent shows plainly that the plants are badly afflicted with bacteriosis. Some varieties are more susceptible to this disease than others, while on some you never see it. The worst ones I know of are McGowan, Flora Hill and Queen Louise. It is usually brought on by what we might term a sour stomach. Too much manure, too heavy soil or too much water. Any or all of these will bring it on and each should be carefully avoided. It always shows most during midwinter, when the weather is dark, but as spring comes on it gradually disappears and during the summer you will not find a trace of it. I would give them a sprinkling of wood ashes and soot alternately, one each week.

I also notice quite a number of greenfly on the specimens sent. Sometimes when these are allowed to get too numerous they will cause the growth to come with those yellow spots. Get rid of them at once by fumigating with tobacco in some form.

From 50 to 65 degrees is too much latitude for a night temperature; 50 to 55 degrees is about right and the closer you can keep it to one figure the better your plants will be. The temperature should never exceed 55 degrees at night.

A. F. J. Baur.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

John Burton, exhibited by Nathan Smith & Son, Adrian, Mich., at Chicago, December 16, 1903, color Daybreak pink, Japanese incurved, scored commercial scale, 87 points.

The chairman of the Chicago committee reported that "in judging this chrysanthemum the committee did not take into consideration the lateness of the variety, merely judging it on its merits. If we had considered the lateness and importance to the trade, it would undoubtedly have scored at least 90."

Fred H. Lemon, Sec'y.

THE LATE E. G. ASMUS.

At a special meeting of the board of directors of the New York Cut Flower Co., held at its office on Tuesday, December 29, 1903, the following preamble and resolutions were adopted:

WHEREAS, Ernst G. Asmus, our friend, counsellor and the first president of our organization, has been called from us by death, leaving a void which to us, seems one that cannot be filled, and

WHEREAS, We, who have been associated with him in this organization, feel that it is but proper that we place on record our estimate of his character and worth, and the sincere sorrow which each feels at parting with such a dear friend, able associate, and worthy co-laborer, therefore be it

RESOLVED, That the members of the board of directors of the New York Cut Flower Co. do hereby extend to the family their sincere sympathy at this bereavement, assuring them that by his death not only are we made mutually mourners for one beloved and respected, but that

In the death of Ernst G. Asmus not only have we been deprived of the advice and assistance of one of our most useful members, but that rose growers of the whole country have lost one whose ambition, energy and ability made him clearly among the first in his profession in this country; one ever alert to improve and advance the interest of the rose; and largely through whose efforts the success of that flower has been advanced to the high standard it now holds.

RESOLVED, That this preamble and resolutions be placed in full on the minutes of this company, a copy of the same be published in the trade papers, and an engrossed copy be sent to the family.

EUGENE DAILLEDOUZE, President.
GEORGE W. HILLMAN, Secretary.

HOLIDAY IMPRESSIONS.

[The following is a paper by Wm. J. Stewart, secretary of the Society of American Florists, read at the meeting of the Chicago Florists' Club January 6.]

Gentlemen: In complying with your request for a few notes relative to the holiday trade of New York and Boston, I am pleased to be able to start with the premise that, notwithstanding the widespread financial depression and consequent leaning to economy in matters of luxury, the expenditures for the products of floriculture in this section during the recent holiday season are believed by competent judges to have fully equaled any past record.

Among the most significant features of the trade I would mention the evidences of steady advancement in the popularity of growing plants as holiday gifts and the higher and more uniform quality displayed in the stock offered. To what extent the cut flower industry is, by its mistakes, directly responsible for a movement which means dispossession from its most cherished holdings is not readily demonstrated, but there has been no lack of warning from year to year and it must now be evident to all that the absolute loss of confidence on the part of buyers in the integrity of the cut stock sold to them must have contributed not a little to the present conditions. However, we cannot look upon this drift of popular favor in the direction of living and growing objects, as other than natural and it is gratifying to note in the cultural improvement seen in the holiday plants a hopeful augury, for it tells us that the long-wished-for incentive to expert commercial plant-growing in this country is now to be given and thereby glorious possibilities are opened up for the future of our art in its higher phases.

The head-strong tenacity of cut flower growers in adhering to discredited long-standing practices in the storing-up and valuing of their product and the utter collapse of the flower market, in consequence, was another feature of the holiday experience in New York city. "Fortune makes him fool whom she makes her darling," and it needs no supernatural vision to see that the pickle-pot

has been no small factor in the once imperious holiday cut flower's undoing. Fortunately for Boston, she fared rather better than did New York because, owing to a number of reasons, she still enjoys a good suburban and country trade in cut flowers and the outgoing shipments for the holidays and at other times tend to materially relieve and steady the market. Whether these local advantages are a permanent asset remains for the future to show.

The changes constantly going on progress so stealthily that it is impossible for us to distinguish where one condition ends or another begins, each period quietly disappearing into its successor; but in shaping one's course for the future, if we are to achieve continued success, it is imperative that we clearly recognize that the conduct of any branch of the florists' business today is a widely different proposition from what it was a few years since.

Unfortunately, thus far the habit of imitation would seem to be a more conspicuous characteristic of the American floriculturist than the attribute of originality. Instances demonstrating the truth of this presumption will, no doubt, come readily to the mind of everyone. The bringing to light, by an enterprising fellow florist, of any new or profitable line is the signal for a headlong rush from all sides to do the same thing. Production in certain fields has thus outstripped by far the demand therefor and it is plain that until strenuousness is curtailed or else diverted to other lines or some means of increasing the capacity of the market is put into operation, the troubles complained of in New York, and to some extent elsewhere also, are bound to intrude themselves with increasing frequency. So long, however, as the old operators hold out and continue to add to their productive capacity and new-comers still find room, under established methods of distribution, how can we assume otherwise than that, despite all the protesting we hear, values have not yet fallen below the point of profit. We know this—that when that limit of depression has been touched, then the penalty of imprudent over-doing must be paid and history will repeat itself in the survival of the fittest.

A WHITE MAUD DEAN.

Evenden Bros., of Williamsport, Pa., have a white sport of Maud Dean chrysanthemum which promises to be quite an acquisition. Maud Dean is a standard commercial pink and this seems to have all its attributes of clean, healthy, easy growth. The accompanying illustration shows the character of the bloom. A good sized stock has been worked up and it is proposed to put the sport on the market this spring.

LYONS, KAN.—Mrs. H. B. Smith says her trade this season has been about as last year, but prices somewhat higher.

HARLAN, IA.—Christmas trade was a little late getting started but the tone of the business was good. New Year's trade was a little better than a year ago. W. M. Bomberger thinks the florists' trade over the whole west is on somewhat higher grounds than before. The weather has been wonderfully changeable of late, one day mild, the next very cold, which no doubt accounts for more than the ordinary amount of sickness and funeral work.

Chrysanthemum White Maud Dean.

SOCIETY OF AMERICAN FLORISTS.

Directors Appointed.

President Philip Breitmeyer has appointed directors as follows: H. M. Altick, Dayton, O.; Theodore Wirth, Hartford, Conn.

WM. J. STEWART, Sec'y.

THE READERS' CORNER.

Editor REVIEW:—A fine decorative effect can be made with Yucca filamentosa tops or foliage. It could be made a popular decorative article in a commercial way. It admits of long handling with little injury and can be cut in the desert districts in the southwest extensively, and can be freighted easily. It is quite generally grown in nurseries and old plants can be cut down and yet enough foliage left on the crown to not kill out the plant if cut in fall. We have cut it and set it in water in the cellars and it has kept for six weeks. Then we have taken it and kept it in a cellar storage without water and the leaves yellow on the edge, retaining a green center and still are fine in effect. We cut the plant so as to remove most of the top and then place a rubber band over the leaves near outer end, so the leaves will not drop or split off. In using them it is well to drive three or four spikes through a piece of board a foot square, and set the plant between the spikes, the rubber band down and bring out the leaves as you would wish, throwing any green thing around the base. A bank of them is quite effective and a complete change is at times refreshing to decorators. Their great keeping qualities, cheapness and ease with which it is possible to secure them, should make the trade investigate and test this as an additional decorative green.

W. M. BOMBERGER.

BENEFITS OF COLLEGE COURSE.

Under the title, "The Benefits a Young Florist or Gardener May Derive from the Agricultural Course at State College," Alfred Burton addressed the Florists' Club, of Philadelphia, on January 5, 1904. While his remarks related to the value of the course at the Pennsylvania institution, they are printed for the reason that nearly every state has a school providing a similar course of instruction.

State College is situated in the village of the same name about fifteen miles from Bellefonte, the county seat of Centre county, Pennsylvania. The college grounds contain some 600 acres, including farmland, woodland, athletic grounds, lawn, etc. It was originally started as a farmers' high school about fifty years ago, but later the name was changed to State College.

Agriculture is but one of numerous courses; its mining and various engineering courses are among the best in the country. It is the agricultural courses (of which there are four) that we shall consider. These are the correspondence course, the short course, lasting from January 5 to April 1; the special course of one year, and the regular four-year college course which leads to a diploma; the degree is bachelor of science.

The correspondence course is arranged for those who are unable to leave their work to attend the college. It is the purpose of this course to give a comprehensive summary of the best and latest knowledge concerning the subjects they treat. Printed lessons have been prepared by the college and are sent free of cost to the students enrolled in these courses. The lessons are generally supplemented by books on the different

subjects. Each lesson paper is accompanied by a paper of questions which must be answered and discussed before the next lesson will be forwarded. It is advisable for a student to take up two subjects at the same time, so that he may be studying one subject while his paper on the other is being corrected, thus losing no time.

The subjects most applicable to the gardener and florist which are treated of in the correspondence course are: Plant life, nine lessons; propagation of plants, nine lessons; commercial fertilizers, six lessons; insects and insecticides, six lessons; farm manures, seven lessons; principles of fruit growing, six lessons; vegetable gardening, nine lessons; and tile drainage, five lessons.

Students may enroll at any time, personally or by letter. The student's certificate of membership will enable him to secure any of the books necessary in his studies at a reduced price from the publishers. There is no charge for enrollment or instruction. Each student is required to pay his share of the expense of correspondence.

In the short course in agriculture and the special course the instruction is almost entirely technical, very little attention being given to any branch of study except those bearing directly on agriculture. The idea is to get as much practical knowledge as possible in the limited time, the student selecting the particular branches of agriculture he desires to pursue. There is no examination necessary for entrance to these two courses.

Students desiring to take the collegiate course of four years are required to pass an examination for entrance. These examinations are held in various parts of the state. The time and place can be ascertained by writing to the college. There is a preparatory course for those failing to pass the examination. No charge is made for tuition in this or any other course in agriculture. The actual college expenses are for text books and stationery, for chemicals used in the laboratory, for tools, materials, etc., used in the practical demonstrations of the studies. Board with private families, two in a room will not exceed $4.50 per week. Total expenses need not be more than $6 or $7 per week. In the collegiate course each student is required to buy a military uniform, military drill being compulsory in this course. The goverument keeps an officer of the United States army stationed at the college who is in command of the college battalion.

Instruction in the agricultural branches is divided into classroom work and practical work in the laboratories, fields, greenhouse, etc. Instruction in the classroom is principally by lectures with text books for references. The mornings are usually devoted to the classroom and the afternoons to the practical work.

In the special studies relating to the agricultural course the student will select those he particularly desires to follow, although most of the so-called agricultural course is directly applicable to the horticultural education the student seeks. The few branches he could omit are stock-feeding, veterinary science and animal industry.

Under the general head of agriculture, the student will receive instruction in farm manures, their manufacture, preservation and application to various crops. Also commercial fertilizers, their manufacture, composition and how to use them intelligently and understandingly. He will study farm management, implements and machinery, building material and construction of buildings, surface and tile drainage, grasses and forage plants, weeds and their eradication, different methods of plowing and preparing the ground for the various crops, and the laws relating to drainage, roads, fences, timber, etc.

Agricultural chemistry treats of how plants grow. And this, I think, is the keynote of all agricultural or horticultural education. How plants grow, how they live, and how they feed, to have a thorough knowledge of the workings of the digestive organs of the plant; to understand the chemical changes of the food as it is absorbed by the roots, transferred to the leaves and then forwarded to the different parts of the plant as it is needed to make roots, stems and flowers. If we understand this, we can work more intelligently and consequently more effectively in any branch of horticulture or agriculture we may choose to follow. Agricultural chemistry includes chemistry of the soil the manufacture and chemistry of commercial fertilizers, chemistry of fruits, farm products, etc.

In horticulture the student will be taught botany, floriculture, propagation of plants and fruits, treatment of insects, spraying for fungous diseases and insects, etc.

I have not tried to give a complete list of subjects covered in any of the agricultural courses at State College, but merely a rough outline of the work. The field covered is very broad and comprehensive. I neglected to mention landscape work, which comes under horticulture.

Apart from the actual knowledge of plants, fertilizers, etc., obtained through a course at the college, the benefit of the student's increased interest in his work cannot be overestimated. For just as his knowledge of plants becomes greater, so will his love for them increase and a workman who is in love with his work is surely worth more than one who works only for wages. From my own experience, I say to the young men, go to State College if you possibly can.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

THAT LITTLE WHITE FLY.

I would like to know how to get rid of the little white fly in the houses of mixed pot plants. We have used tobacco smoke and strong spraying but cannot get rid of them. They deposit their eggs on the underside of the leaves of begonias and other plants and nothing seems to disturb them. Last summer was the first I saw of this pest, on tomatoes, and in the fall they moved into the greenhouse.

J. E. P.

In addition to the above, I have just received another complaint from a Mr. Robert J., enclosing a leaf of what may be a greenhouse hibiscus. Whatever it may be, it's a dreadful sight. The surface of the leaf is almost hidden with this little white pest. We have never been troubled with this fly and, therefore, I cannot speak with accuracy regarding its extermination or, what is better, its prevention. As it seems to be widespread there must be some who have found the way to its destruction. Now let us hear from them.

It seems to me that the hydrocyanic acid gas should and would kill it. There seems to be a dread of this gas with many people and on the part of some whose opinion and experience I am bound to respect. We all know a violet leaf is as susceptible to injury as most of our greenhouse plants and by using the gas by the following formula I have only seen here and there the slightest burn, while it has killed thoroughly the little brown aphis that is so destructive to violets and it will kill this "little white fly." But, remember, it won't kill the eggs, so the gas should be applied about three times at intervals of about ten days. The formula quoted has been used by several persons to whom I recommended it and they wrote that it answered finely.

1 quart sulphuric acid.
1 quart water.
5 ounces cyanide of potassium.

Mix the acid and water in a two-gallon butter jar. When your jars are all in place walk along and drop in the five-ounce parcels of cyanide. Don't linger over the jar, because the fumes are not healthy for anything that has lungs.

The above quantities are for 2000 cubic feet of air space in the house. Keep the house closed all night. Now, if you are afraid of burning any plants, let the above do for 3,000 cubic feet of air space. Last fall after very slightly touching up the tips of some violet leaves I cut down the quantity to one pint water, one pint of acid and two and a half ounces of cyanide to 2,000 cubic feet of atmosphere. While this strength would not injure the young fronds of an adiantum, it was scarcely strong enough to kill the aphis down in the crown of the plant.

There is a most useful insecticide sold by seedsmen that only a very few of our present day florists know of or at least use. A European florist of thirty or forty years ago would not be without it and it is made in a country where they continue to manufacture an article genuine regardless of a world wide popularity. Dundee marmalade, Bass pale ale, Coleman's mustard, Worcestershire sauce, Cross & Blackwell's pickles and Guinness' Dublin stout are the same genuine stand-

Review of the Work of the Chrysanthemum Society of America for 1903.

NAME.	WHERE SHOWN.	DATE.	EXHIBITED BY	COLOR	TYPE	POINTS SCORED.									
						Scale	Color	Form	Fullness	Stem & Foliage	Substance	Size	Distinctiveness	Stem	Foliage	Total
Rockford	Chicago	Oct. 24	H. W. Buckbee, Rockford, Ill.	Yellow	Jap. Inc.	C	23	22	13	10	9	11	....	....	....	88
*H. W. Buckbee	"	"	"	Pure white	Jap. Ref.	C	25	23	14	8	9	12	....	....	....	91
†Sport of V.-Morel	New York	Nov. 21	F. Backofen, Paterson, N. J.			....	....	....	....	....	*‡	....	....	....	....	....
Seedling No. 3	Phila	Nov. 7	R. Rothe, Gard., Laverock, Pa.	White	"	C	22	21	14	6	8	13	....	....	....	84
"	"	"	"	"	"	E	14	12	9	.	...	13	22	6	8	84
Golden Age	"	"	N. Smith & Son, Adrian, Mich.	Rich yellow	"	C	23	21	13	8	8	13	....	....	....	86
"	"	"	"	"	"	E	13	13	9	....	....	10	21	8	8	82
"	Cincinnati	"	"	Deep yellow	"	C	22	22	13	7	9	13	....	....	....	86
"	New York	Nov. 11	"	Bright orange yel'w	"	C	25	16	12	9	9	10	....	....	....	81
Sunburst, 1-2-01	"	"	"	Yellow	Jap. Inc.	C	22	19	15	7	9	13	....	....	....	85
"	Cincinnati	Nov. 14	"	Deep yellow	"	C	23	21	13	6	8	13	....	....	....	84
2-16-01	"	Nov. 28	"	Bright deep pink	"	C	23	20	13	7	7	13	....	....	.	83
29-4-03	New York	Nov. 11	"	Creamy white	"	C	20	15	15	9	9	12	....	....	....	80
3-3-01	Boston	Nov. 28	"	Light pink	....	E	10	10	9	....	....	12	22	5	5	73
‡Dr Enguehard	Cincinnati	Nov. 14	"	Bright pink	Jap.	C	23	23	15	10	10	14	....	....	....	95
Mrs. Nathan Smith	New York	Nov. 11	"	Pure white	"	C	25	22	12	9	9	12	....	....	....	80
Miss Helen Frick	"	Nov. 28	"	Light rose pink	Jap. Inc.	C	20	22	15	9	9	12	....	....	. .	87
"	Chicago	"	"	Pink	"	C	20	22	15	8	10	12	....	....	....	87
§John Burton	Phila	Dec. 12	"	Pink	"	C	23	23	14	8	9	12	....	....	....	89
"	New York	Dec. 9	"	Light rose pink	"	C	21	20	14	8	10	12	....	..	....	85
"	Chicago	Dec. 16	"	Daybreak pink	"	C	20	22	15	8	9	13	....	....	....	87
"	Cincinnati	Dec. 12	"	Very light pink	"	C	18	22	15	9	10	12	....	....	....	86
Dr. Enguehard	Phila	Nov. 21	F. R. Pierson Co., Tarrytown, (N. Y.	Pink	"	C	22	23	13	7	9	12	....	....	....	86
"	"	"	"	Pink	"	E	13	14	9	....	....	12	23	7	8	86
**"	Chicago	"	"	Pink	"	C	21	23	14	8	10	10	....	....	....	86
††"	New York	Nov. 14	"	Rose Pink	"	C	20	22	15	9	10	11	....	....	....	87
Madona	Cincinnati	Nov. 7	H. W. Rieman, Indianapolis,	Light Pink	"	C	20	23	15	8	8	12	....	....	....	86
‡‡	Chicago	"	" (Ind.	Pink	"	C	20	22	13	9	9	12	....	....	....	85
§§Adelia	"	Nov. 11	"	White	"	C	24	20	14	7	9	10	....	....	....	84
"	Cincinnati	"	"	White	"	C	21	24	15	9	8	10	....	....	....	87
¶American Beauty	New York	Nov. 21	H. Molatsch, Brooklyn, N. Y.	Magenta	"	C	20	23	14	9	9	10	....	...	....	85
Mme. Jh. Perraud	Chicago	Oct. 24	E. G. Hill Co., Richmond, Ind.	Cream yellow	"	C	15	22	12	9	9	13	....	....	....	80
Cinna	"	"	"	Deep yellow	Chinese	C	24	22	13	6	10	10	....	....	....	85
*†Lord Hopetoun	"	"	"	Red	Jap. Inc.	C	22	22	12	8	9	14	....	....	....	87
Ethel Fitzroy	"	"	"	Bronze and gold	"	E	14	13	9	....	....	15	23	5	7	86

REMARKS—*Center incurved, outer petals reflex. †Believed by Committee to be Eda Prass. *‡Not scored. ‡Imp. (Nonin). §Soft Daybreak pink. ¶Silvery reverse giving a shell pink appearance ¶Ball shaped. **Col. Appleton type. ††Silvery reverse. ‡‡Type of Maj. Bonnaffon. §§Ball shaped. Silvery reverse. *†Color of Geo. W. Childs.

FRED H. LEMON, Secretary.

ard articles that they were fifty years ago, and so is the excellent insecticide and fungicide Gishurst's compound, sold by all leading seed houses. For spider, thrips, scale and mealy bug it is excellent and I dare say a syringing of it would make these little flies very sick.

W. S.

ADVANCE IN CHRYSANTHEMUMS.

In a recent issue of an English contemporary, C. Harman Payne, the well-known authority on the chrysanthemum, writes in part as follows:

Eleven years ago, when the writer of this notice first introduced the name of Calvat to the British public as a promising French raiser of new seedling chrysanthemums, he was unknown in this country, as well as in his own. What has happened since is common knowledge, and has filled a chapter in the history of our famous autumn flower that will never be effaced. Calvat's seedlings for all practical purposes pushed out of cultivation most of the exhibition flowers that preceded them, and completely revolutionized the face of English exhibitions.

The earlier efforts of Delaux, Lacroix, de Regdellet and Audiguier, his own countrymen, were speedily eclipsed, and as for the American seedlings they were far too late in blooming to be able to compete with those sent out by the now eminent Frenchman, and so were speedily consigned to the limbo of the past. It is a record of which any raiser might be proud, and we were not surprised as events turned out to find that Mr. Calvat, consequent upon the increased demand for his seedlings, gave up a large and lucrative glove-making business in order to concentrate his whole time and attention on the chrysanthemum growing.

In turning over the pages of the current number of our contemporary Le Jardin, of Paris, we notice the portrait of M. le Marquis de Pins, a gentleman hitherto unknown to English chrysanthemum growers, as, indeed, he was to French growers a twelvemonth ago. But his is a name, in our opinion, destined to occupy a prominent position among the seedling growers of the future, if only the same facilities are given to this gentleman's products as have been given to those of other growers in the past.

We are led to this conclusion by what we saw at the recent Paris chrysanthemum show, where the Marquis de Pins staged one of the most remarkable exhibits of new seedlings in cut blooms that we have ever seen. In a large raised bed, close to the exhibits of several of his fellow countrymen who are specialists in the art of chrysanthemum culture for seedlings this amateur of only a few years' standing set up one of the most imposing and most highly developed collections of novelties it is possible to imagine. Massive, substantial looking exhibition blooms of colossal dimensions, almost wholly of the Japanese type, were set up in lots of five blooms of each variety. The effect was unique and growers from all parts of the country, besides the foreign visitors, were much interested in the exhibit.

We were told that this gentleman grows only for his own pleasure, but we since learn from the journal in question that some of these novelties have now passed into other hands and will be distributed next spring. Given a fair chance and no favor, we see no reason why his seedlings should not revolutionize the face of our chrysanthemum shows as has been the case before.

We anxiously await the time when some of these remarkable seedlings shall get into the hands of our most capable exhibition growers. Let them once be seen under such treatment and they will certainly take care of themselves. This is the kind of thing that has helped to make the chrysanthemum what it is today. Throughout its whole history there are certain well-defined landmarks, certain new departures, certain grand surprises, all of which have tended to excite, to stimulate and renew the interest not only of the growers, but of the general public who visit and patronize our shows. The present is one that even the most clairvoyant of enthusiasts could never have foreseen, and we await developments with feelings of peculiar interest.

The contest is destined to be keen, and practically has to be fought out between English, Australian and French growers, not of a by-gone generation, but by men who have only recently stepped into the arena. We dare not under the circumstances venture to prophesy what the ultimate result will be, but are content to stand by and watch and wait.

DATE OF EASTER.

Note that Easter, 1904, falls on April 3. In 1905 Easter will be the latest in many years, falling on April 23.

SIOUX FALLS, S. D.—Joe Tosini has a range of eight houses, about 10,000 feet of glass, and has his stock in nice shape. He reports trade very good.

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

STATICE.

There is usually a great want felt during the winter months in commercial places, for a good, lively purple or blue flower for made up work and bouquets. Some of the very best for this purpose can be found in this numerous family, the flowers of which cannot be surpassed in color and keeping qualities; in fact, they can be dried and used as everlastings without losing a particle of color and retain their fresh appearance for a year if properly cared for.

The greenhouse varieties, which are mostly sub-shrubs, can be had in flower more or less during the whole season, are of easy culture and are very ornamental. They succeed well under ordinary greenhouse treatment in a temperature ranging at night from 50 to 60 degrees with a day temperature ranging from 70 to 75 degrees.

They luxuriate in a good, turfy loam with about one-sixth of well decomposed manure and a little sand and charcoal added. During their growing season they require copious supplies of water and consequently should have ample drainage. They also require a liberal use of the syringe. After the flower spikes appear they do not require so much water and syringing must be entirely discontinued.

Propagation is effected by cuttings from wood, with a heel if possible which root readily during March and April. These should be inserted in sand with a bottom heat of 60 degrees and kept rather close, shaded and moist, for the first three weeks. As soon as the roots begin to appear they should be potted into 2-inch pots, well watered and shaded.

Where a partially exhausted hotbed is available the young stock should be in it, plunging the pots in sand or ashes to keep the soil moist. Keep the atmosphere moist and shade lightly until the young roots appear on the outside of the ball, when they can be gradually inured to the light and air. During summer they can be plunged outside in an open frame, but the pots must be protected from the sun. This is best accomplished by plunging them in either moss or exhausted hops.

They should be housed before there is any danger of frost, and should be protected from the cold fall rains, as this causes a discoloration of the foliage, and is very detrimental to the health of the plant.

The best varieties for greenhouse culture will be found in the following list: S. arborescens, blue; Bourgæi, purple and white; brassicæfolia, purple, the best; Halfordi, a garden hybrid, blue; profusa, a variety with purple calyx and white corolla, a Halfordian hybrid.

The care and attention required by these varieties does not exceed that required by ordinary bedding stock and even if the plants do not prove a selling item the returns from the cut blooms will be amply remunerative. They are well worth a trial in any retail establishment.

Ribes.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

Chrysanthemums.—The new Japanese chrysanthemum, Mrs. J. Dunn, is one of the best novelties of the present season. It is pure white, and in the disposition of the florets and general build of the flower is somewhat similar to F. S. Vallis. The flower is of large size, and very full. The variety will be distributed by H. J. Jones, Ryecroft Nurseries, Hither Green, Lewisham, and will add yet another to the number of first-class chrysanthemums distributed from these nurseries.

CHICAGO.

The Week's Story.

A week ago Chicago wore her holiday garb; today it is a city of mourning. The great disaster at the Iroquois has brought sadness to every heart and for days has occupied the thoughts and conversation of the people almost to the exclusion of other topics. It was a stunning blow, the loss of the lives of 600 pleasure seekers in an instant of wild panic; the sight of wagon loads of charred bodies carted to the morgues; the long lines of tearful searchers for their dead; the processions of funerals. The shock was so great, so swift, that the full strength of the blow, the awfulness, the horror of the disaster have scarce been realized. It is beyond the power of benumbed brains to grasp. The victims were women and children. Scarcely a block in the better neighborhoods but what has had its funeral, many times with two hearses, frequently with three and several times with four, for whole families were wiped out in many instances. Six hundred dead! It passes comprehension. A little girl was given a party and took seven little friends. Not one returned. A family of twelve had a reunion and not one reached home. When the schools opened after the holiday vacation forty teachers were counted dead. One does not meet anyone but those who have lost friends.

A week ago the retailers were well supplied with orders for decorations; twenty-four hours later they had none; practically all were canceled. On some few orders work was already under way. Not many were permitted to be finished. When Harry Rowe went into Rector's with nearly a hundred table centerpieces and stock to decorate the restaurant for New Year's eve, he was told to deliver the flowers to the hospitals. Everywhere New Year's eve festivities were stilled and 1904 was born without a note of the glad acclaim with which the new year is ordinarily welcomed.

Then came the rush of funeral orders. It caught the market unawares. White stock was scarce. The first few sales Saturday morning cleaned things up and then ensued such a scramble as has seldom been seen. With very little left to sell, there was nothing which could be called a market price; it all depended on how badly the buyer needed the goods and how hard the wholesaler cared to stick him. There are tales of 20-cent roses, 10-cent white carnations and 8-cent valley, but such prices were paid in not many cases, had little effect on growers' averages and were ill advised at best, for when the retailers, who had not foreseen the situation, realized the condition, they at once raised their own prices, to the point where people stopped buying. By the time the growers got stock to town on the wholesalers' calls, the market was dead and the growers greatly disappointed, for there hasn't been anything doing since. The great majority of fire victims were buried with few flowers.

On Monday the market was very easy. Local trade had practically stopped. All the retailers reported cancellations on orders for weddings, receptions, dinners and other social affairs. It looks as though the market will have to depend on out-of-town orders for some time. The Beauty market has eased up in common with everything else. Tea roses hold their own better than other items for the reason that cuts just on for Christmas are now going off. Carnations have become very plentiful, with good crops in sight. Monday prices were weak and Tuesday the buyer was very critical of quality. Violets are still in the dumps; even when funeral stock was scarcest they could not be moved. Some magnificent bunches are still coming from the east. Bulbous stock is plentiful.

Various Notes.

The weather is still making the growers' profits vanish up the chimney. Bassett & Washburn's coal bill for December was a little more than $5,800, and they have no more coal in the shed than they had when they began.

John Sterrett surprised his friends in the market by taking unto himself a wife on New Year's eve.

Andrew McAdams was down town Saturday for the first time after an illness of several weeks.

The Florists' Club met at Handel hall last night to discuss the holiday trade.

The Flower Growers' Company had its annual meeting last Saturday, the only business being the election of Alex. Henderson and Walter Tonner as directors to succeed Frank Beu and Mrs. Schaffer.

Joseph Ziska, the old-time wire work manufacturer, is moving down town, to the Atlas block.

O. P. Bassett, Mrs. Bassett and her mother, Mrs. Andrews, leave January 13 to spend three months in California.

W. E. Lynch, at E. H. Hunt's, agrees with the proposition that the eastern violets will soon drive the local stock clear out of this market.

C. Pruner, of E. F. Winterson's, is again laid up with his bad foot. He is fearful of the consequences.

Harry Rowe made six pieces yesterday for the funeral of Mr. Reed, of Rand, McNally & Co., for which the total was $200.

Anton Then is bringing in a very fine crop of carnations.

Chas. McKellar is fitting his new place with fine new fixtures to carry his light supplies.

Visitors: J. W. Lyon, Belvidere, Ill.; W. Rayner, gardener for J. H. Eckels, Oconomowoc, Wis.; Harry Venn, gardener for U. G. Orendorff, Canton, Ill.

PHILADELPHIA.

Club Meeting.

The Florists' Club had a fine meeting on Tuesday evening. Alfred Burton was on the program to read a paper on the benefits of the horticultural course at the State Agricultural College, and others discussed the subject. It was carnation night. C. W. Ward, of Queens, L. I., was present and spoke on new carnations. He brought along a grand collection of some twenty-five varieties. The Chicago Carnation Co., Joliet, Ill., sent Crusader, scarlet, and Harlowarden, crimson. L. E. Marquisee, Syracuse, N. Y., sent Albatross, white, and Flamingo,

scarlet. Isaac H. Passmore, Westchester, Pa., brought Vesper, white. William Lidden showed Helen Reed, a pleasing pink. John N. May, Summit, N. J., sent some good carnations and roses. Visitors were C. W. Ward, Harry May, Isaac Passmore, Wm. Swayne and others.

Business is poor.

PHIL.

ST. LOUIS.

The Market.

Since the Christmas holidays trade may be classed as good. New Year's day was rather light and hardly any preparations were made for extra stock, as not much is expected on that day, although some of the West End florists report some extra orders from the way-up society folks. Funeral work has been good, as several prominent people died during the past week, which made an extra run on white flowers. Still the wholesalers seem to clean up a good bit of colored stock every day and we might say that we are not suffering the usual reaction which generally follows the holidays.

In cut stock at the wholesale houses roses are quite plentiful; not a glut by any means, but enough to go around. The general quality is very good and especially Bride and Bridesmaid. Extra fancy Beauties are down to $6 and $8 per dozen. In the medium grades a great many deformed blooms are seen, the best of this stock being from $3 to $4 per dozen. Shorts are more plentiful at $6 per 100. Good tea roses are up as high as $10 per 100. Bride and Maid are most plentiful of all. Enough Meteors are in for the demand. Carnot, Gate and Perle are all selling well at from $10 down to as low as $4.

The price of carnations is still keeping up, $6 and $8 for fancy stock and all common grades bring $4. Those with rubbers on bring only $3, as they are only used for work. The market is well supplied with some fine carnations of all varieties. Violets are most plentiful and are down to $1 per 100 for the best. The demand is excellent and clean sales are reported on these. Romans and Paper Whites are very abundant and sell fairly well at from $2 to $4 per 100. Harrisii and callas are somewhat scarce and so are freesias. Tulips and single jonquils are not in the market yet. There is a good demand for valley. Smilax and all greens are in lively demand and some good sales are reported at the usual prices.

Various Notes.

A few fashionable weddings are on for this week and among the pretty decorations of the past week was one by Henry Ostertag, who did an elegant job at Faust's, which was greatly admired by great crowds on New Year's eve.

The Florists' Club meeting next Thursday afternoon will be of great importance to all the members and they are requested to attend. A fine display of new carnations will be on exhibition. Messrs. Gillis and Fillmore are both ready with their essays.

A. C. Canfield, of Springfield, Ill., was a visitor the past week, making friendly calls on the trade.

A. S. Halstedt, of Belleville, was in town the past week on his way to Springfield and reported that he will visit Chicago before coming home.

Carew Sanders has been sick for the past two weeks but from reports is improving and expects to attend the next club meeting.

Frank M. Ellis acted the part of the hero last Saturday, saving a lady from being run down by a street car. Only for the timely arrival of Mr. Ellis the lady would have been crushed to death.

Max Herzog, who has been reported very sick, is improving somewhat, also Mrs. Herzog. The last report from John M. Hudson is that he is somewhat better. The members of the club extend their sympathy and hope for their timely recovery.

Emil Schray had his hand poisoned by handling Primula obconica. The recommendation for the cure printed in the last issue, page 266, will no doubt put his hands in good shape again.

M. J. Kern, one of the oldest landscape gardeners in the city, left a few weeks ago for Mississippi to lay out one of the largest private places in that state.

The members of the American Association for the Advancement of Science, which met here last week, attended a banquet last Friday at the Southern Hotel, given by the trustees of the Missouri Botanical Garden. Covers were laid for 240. The banquet hall was beautifully decorated with plants and cut flowers from the garden.

Fred. C. Weber, in company with John Steidle, visited Belleville on Tuesday of this week, calling on the trade.

Henry Johann, of Collinsville, Ill., was a visitor Tuesday, calling on the trade. Mr. Johann says he will attend the next meeting of the club.

Bowling.

Two teams of four on a side bowled on Monday night and team No. 1 was the winner this time by the following score:

No. 1.	1st.	2d.	3d.	Tl.
I. J. Beneke	204	167	170	541
Theo. Miller	142	185	157	484
Will Adels	150	144	143	437
F. J. Meinhardt	136	135	154	425
Totals	632	631	624	1887

No. 2.	1st.	2d.	3d.	Tl.
C. A. Kuehn	154	176	140	470
A. Y. Ellison	183	139	170	502
F. M. Ellis	134	133	161	428
O. R. Beneke	146	126	171	443
Totals	617	574	642	1843

These two teams will, on next Monday night, roll on the Jefferson alleys, Jefferson and Olive streets, and every Monday until the warm weather sets in as the Blue Ribbon alleys are too cold and bowling with overcoats and ear muffs on is not relished much by the members.

J. J. B.

ST. PAUL.

The Market.

New Year's trade was hardly up to the average of recent years, although there was a good demand for all kinds of flowers and for some plants. There was a very perceptible falling off in the country trade. Cut blooms were plentiful in everything except red, the demand for this color being in excess of the supply. Prices were from twenty-five to fifty per cent lower than at Christmas. In blooming plants azaleas and begonias were good sellers. It is to be regretted that we cannot have average sales like New Year's throughout the year, rather than the spasmodic efforts of Christmas and Easter, when many customers feel that they are being defrauded and buy nothing until the following year, when they repeat the performance. But we cannot alter conditions, although we believe trade in general would be better throughout the year if it were not for the general increase in prices at the holidays.

Various Notes.

Gust. Colberg, for many years with L. L. May & Co., has purchased an interest in and assumed the management of the Swanson store but recently opened at 31 East Sixth street. His friends in the trade wish him success in the venture.

R. C. Seeger has recently put in a new refrigerator which adds very much to the attractiveness of the store, which is presided over by his daughter. He is cutting some very fine roses, carnations and violets.

N. C. Hansen has two nice houses, in which he is cutting some very fine carnations. Some old time favorites are found here, producing good crops of bloom. Jubilee and Daybreak are considered as profitable as any and are certainly producing some fine blooms on long, stiff stems. Other varieties grown here are White Cloud, Flora Hill, Mrs. Bradt, Mrs. Joost, Crane, Guardian Angel, Marquis, Triumph and Prosperity. Another season Enchantress and Lawson will be planted. A carnation support of his own invention is one of the cheapest and best I have seen. The larger house, erected in 1902, is 24x100 feet in dimensions; the smaller, erected last summer, 21x72 feet. Double strength, 18x20 butted glass is employed. Mr. H. says he would use no other. Care was taken in laying the glass and there is no drip noticeable inside. The houses are erected on a gentle southern slope and are admirably located for growing good stock, being away from the dirt and soot of the city. Mr. Hansen's reputation as a grower is second to none in the city. By hard work and careful management he has made a good start in the business and should build up a good trade.

One-half mile south of the above houses is located the extensive range of that veteran grower, Christian Hansen. I say veteran grower although he started in business only fourteen years ago and is still a young man. But the phenomenal success which has attended his efforts makes him a veteran, comparatively speaking. His principal crops are roses and carnations. With the latter his success this season has been very gratifying and he has been cutting a fine crop for several months. Enchantress, Guardian Angel, Queen Louise, Crane and Mrs. Lawson are the principal sorts grown here. The blooms were close cut at the time of my visit but there was a perfect forest of buds on all varieties, while his Christmas cut was enormous. In roses he grows Liberty, Bride, Maid and Golden Gate, planting grafted stock only. A fresh lot of 5,000 Manetti stocks for new grafting has just been potted up. Some two-year-old Golden Gates are throwing up enormous canes, promising big crops later on. In the management of this place he is ably assisted by Leopold Low and his son, Christian, Jr. X. Y. Z.

KANSAS CITY, MO.—Jacob Tobler says he had a first class Christmas trade.

SALEM, ILL.—Miss Jennie Spencer has no greenhouses except a small conservatory but manages to handle a good many cut flowers during the year.

I HAVE dropped other papers in preference for the REVIEW.—C. C. WONNEMANN, Mexico, Mo.

Vegetable Forcing.

CHICAGO, Jan. 6.—Cucumbers, $1 to $1.15 per dozen. Lettuce, 30 to 50 cents case. Radishes, $1 to $1.25 per 100 bunches.

TOMATOES.

The more forward lots, on which a full crop is now set, may need feeding to help mature the crop. But extreme care must be exercised in its application at the present time, as it does not take much to promote soft growth. Rather than try to rush things it is better to hold what you have and leave well enough alone, and if they will possibly carry through, defer feeding for another month or so until the days get longer and brighter and less artificial heat is needed. But if feeding is necessary to maintain the vigor of the plants, as is sometimes the case, especially when they are confined in boxes, I would prefer to give a top-dressing of about an inch of well enriched soil rather than apply liquid manure. A mixture of soil and sheep manure in proportion of about five of soil to one of manure would be quite strong enough.

I am convinced that a good deal of trouble with disease in tomatoes is caused through careless feeding. When the foliage of the plants is surfeited with ammonia at a time when there is not enough sunlight to counteract its effects, and only a limited supply of fresh air can be given, it stands to reason that the plants are very liable to fall a prey to disease. Careful watering also goes a long way in preventing disease. I always prefer to run my tomatoes rather on the dry side during the months of December and January. Not only to prevent souring of the soil when the roots of the plants are not so active but also to keep the growth as firm as possible. Watering is always done in the morning, so as to give the moisture a chance of drying up before midday and, if the day is likely to be dull, I withhold water altogether unless the plants are likely to suffer from excessive dryness. I also find that the keeping of the growth firm materially assists in the setting of the fruit, the fruit being more uniform and less subject to roughness than is the case with gross-growing plants.

Hand pollination will require strict attention these dull days to insure a good set. The brightest part of the day should be chosen for the operation, when the flowers and the atmosphere of the house are dry. Pinching should also be seen to pretty often, so that no superfluous growths are allowed to run away with the substance of the plants. If the plants are growing strong, growths will often form on the ends of the flower spikes, and if they are allowed to run it is very hard to get the fruit to set, so the best plan is to remove them as soon as they appear.

W. S. CROYDON.

THE east has been suffering under a big blizzard this week and all mail trains are delayed, with the result that several news letters and advertisements were not received in season for insertion in this issue.

COLUMBUS, O.

Holiday trade was satisfactory, especially in the line of greens, such as trees, holly, wreaths and roping. Cut flowers appear to have fallen behind a little in comparison to former years; stock was sufficient to meet all demands. Plant trade was good, with Begonia Gloire de Lorraine easily in the lead. Pans of Roman hyacinths and Paper White narcissi sold well. Choice cyclamens sold only fairly well and the demand for very good primroses was poor. The begonia seems to have taken the main trade. Palms were hard to sell and ferns also, with the exception of the Boston, which is popular. The weather has been severe ever since Thanksgiving and for the day before Christmas it was very slushy, retarding trade.

THE DREER CATALOGUE.

In transmitting their 1904 catalogue Henry A. Dreer Co., Philadelphia, writes:

The book contains 208 pages and four colored plates, in addition to the litho embossed cover.

Two-page index giving a most complete list of all common or English and botanical names of the thousands of seeds and plants offered.

Half-tone views of portions of our seed and plant establishment.

View of the Horticultural building at the World's Fair, St. Louis, in front of which the Dreer exhibits will be planted.

Offer of $200 in cash for photos of flowers, plants, vegetables, etc.

Six pages and colored plate of specialties in vegetables.

Six pages and colored plate of specialties in flower seeds.

Seven pages and colored plate of new and rare plants.

Nine pages of water lilies and aquatics, both hardy and tender, including the very latest American and European introductions.

Five pages of dahlias, listing over 160 of the very choicest varieties in all types.

Nine pages of roses, two of which are devoted to the newer sorts.

Thirty pages of hardy perennial plants, five pages of hardy shrubs, three pages of hardy climbers, two pages of small fruits, the remainder of the book being taken up with the general lists of vegetables, agricultural and flower seeds, garden and greenhouse plants, garden tools, etc., making in all the most complete list offered by any house either in this country or in Europe.

YOUR paper gives more returns than any other.—A. SCHOEPEN, Marietta, O.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

WANTED—One or two men for gentlemen's places; they must be capable of growing vegetables and fruit, together with bedding plants, the care of greenhouse and conservatory, shrubbery and lawn work; good wages for right men; situations permanent; inexperienced men need not apply. Address No. **18**, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, at 6c per foot; also some 4-in.; several small and medium-sized boilers, and quantity double thick glass at $2.75 per box. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouse, about 12,000 ft. glass; a first-class retail and wholesale place, will sell cheap if sold at once. Address W. H. Kreiter, Massillon, Ohio.

SITUATION WANTED—As foreman or to take charge of section, by an up-to-date grower of roses, canations, mums and general line of bedding plants, age 35, single, with 20 years experience; state wages and give full particulars. Address No. **16**, care Florists' Review, Chicago.

WANTED—A manager, propagator of plants for catalogue trade; also grower of carnations and roses; state wages and ability; correspondence solicited. Walter S. Hall, Osage, Iowa.

WANTED—Young man who understands growing pot plants in retail place of 10,000 feet glass; Chicago. Address No. **19**, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; good grower of cut flowers and general stock, also designer; German, single, 26 years' experience; competent, sober and reliable; please state wages. Address Florist, 15 Rice st., North Cambridge, Mass.

WANTED—To represent reliable nursery and seed firms in fruit growing and farming country of Western Montana. Address Wm. Henriehsen, 432 Stevens st., Missoula, Mont.

WANTED—To lease, with option of buying, a place of from 15,000 to 30,000 sq. ft. of glass; wholesale trade preferred; with necessary land, house, barns, etc.; must be in good condition and suitable for production of first quality stock. No. **14**, care Florists' Review, Chicago.

WANTED—An all-round florist who is not afraid to work and who will come to a country town; married man preferred; wanted by first of February; references in first letter. H. S. Baker, Warsaw, N. Y.

WANTED—Young, active man who thoroughly understands the growing of roses and carnations under most favorable conditions. State wages expected. Address No. **13**, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist; good grower of pot plants, also Easter forced stock and carnations; 15 years' experience; good reference; state wages. No. **12**, care Florists' Review, Chicago.

FOR SALE—$75.00 will buy a 10-horse power, steam, box boiler, guaranteed to stand from 100 to 150 pounds steam pressure; cash only. Address Sibley Greenhouses, Sibley, Ill.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave. Chicago.

FOR SALE—I have three nice greenhouses well stocked with Easter and spring plants; potting shed 12x50 feet; 1 large wagon shed, holds 2 wagons; 1 rose bed; about 25 sash for outdoor beds; good will and fixtures of a stall in the best market in Philadelphia; can get back price asked in 6 months; have good reason for selling. Apply to William G. Wenker, Powder Mill Lane, Frankford, Philadelphia, Pa.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00; 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, paints. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

WANTED.

GOOD ROSE GROWERS AT ONCE.

South Park Floral Co., New Castle, Ind.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

A High-Grade Business Opening.

One-half interest is offered in one of the best located and equipped commercial ranges in New England to a practical grower who will take full charge of the business. This is a high-grade producing proposition, consisting of 100,000 square feet of glass, and the opportunity to make liberal profits are exceptional. The health of the owner necessitates this offer. All corresoondence will be treated in confidence. Only those having the ability and means can be considered. Address—

No. 16, care Florists' Review CHICAGO.

Stock Plentiful

LARGE SUPPLIES IN ALL LINES.

Fine Beauties, Special Brides and Maids

Ordinary and Fancy Carnations.

"Green Goods" for all requirements.

WRITE US YOUR NEEDS TO-DAY.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$6.00
30-inch stem	5.00
24-inch stem	4.00
20-inch stem	3.00
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$8.00 to $10.00
Meteors and Gates	8.00 to 10.00
Liberty	8.00 to 15.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 6.00
Violets	.75 to 1.50
Valley	4.00
Romans, Paper Whites	3.00 to 4.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $1.50	12.00
Leucothoe sprays	.75

Subject to change without notice.

NEW YORK.

The Market.

The coldest weather of the season arrived on Sunday and zero temperature was reached in the city. It is the first old-fashioned winter New York has seen for many a year. The snow-fall Sunday was over seven inches and over a quarter of a million dollars was spent in its removal. On Monday the severe cold continued and business was about paralyzed, as were the people. In the morning the cold was intense, zero being touched in several places, and shipments of cut flowers reaching their destination here frozen stiff and useless. Trains were late, especially in the afternoon, and some of the violet shipments were hours behind schedule time, making matters very disagreeable and disappointing for those having out-of-town customers.

The market was utterly demoralized, for the weather cut down the local demand to about nothing, the only real scarcity being violets. The best specials again command $1.25, 100 in a bunch, and are likely to be worth this for some time to come, but they have to be perfect to reach this figure and the great bulk of the shipments of first-class stock sells at for 75 cents to $1.

The Christmas slump is still a topic for discussion. The lesson was a severe one. If its effects are permanent, then the experience was of more value than all the losses aggregate and there is no good reason why such a condition should ever exist again. Easter is only eleven weeks away and it seems as though everybody who has suffered with ordinary forethought may avoid such demoralization in the future.

The plantsmen have reaped the benefit of the cut flower episode and if an effort is made at Easter to advance values again beyond reasonable prices, there will be a repetition of the ordeal. The days of abnormal rates have passed and they can never return.

Various Items.

With the change of the city officials January 1, came the appointing of the new park commissioner, John J. Pallas, a well known politician, but whose achievements as a horticulturist the future will have to enfold. The floral tributes sent the "city fathers" on their accession to office this year were, as usual, abundant and beautiful. Tammany gets a great send-off and the new mayor gives promise of an administration that will be a credit to himself and the city. Great achievements in the park department are promised in 1904. Another park is projected on the East River near Barclay street, in the twelfth ward, in a section where it is badly needed, and the acquirement of the 4,000 acres on the south shore of Staten Island will secure to the city a section of desirable land for park purposes unequaled in any city in the world, a great ocean beach park with bathing facilities unexcelled.

The firm of Van Horne, Griffin & Co., the glass men, was dissolved January 1.

George Lorenz, of Astoria, N. Y., who has been very ill for some time with typhoid pneumonia, is now convalescent.

The New York Florists' Club will hold its regular monthly meeting in its rooms in the Grand Opera House building, on Monday evening next. Installation of the new officers, exhibits, full particulars as to the club's annual dinner and the final arrangements in the formation of the new bowling club will make the evening one of especial interest.

J. AUSTIN SHAW.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$6 00
30 to 36-inch stems	5 00
24-inch stems	4 00
20-inch stems	3 00
15-inch stems	2 00
12-inch stems	1 50
8-inch stems, per 100	$6 00 to 8 00
Bridesmaids	6 00 to 10 00

	Per 100
Bride	$6 00 to $10 00
Ivory	6 00 to 10 00
Liberty	6 00 to 15 00
Golden Gate	6 00 to 10 00
Perle	6 00 to 10 00
Carnations, good	3 00
" fancy	4 00
" extra fancy	5 00 to 6 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Cut Orchid Flowers.

We are in a position to offer the following **CUT ORCHIDS** for shipment:—

Cattleya Percivalliana, $40.00 per hundred.

Cattleya Trianae, - - 60.00 "

Fine Sprays of the beautiful Pink CALANTHE VEITCHII at 5c per flower.

LAELIA ALBIDA (White) in fine sprays..... at 5c "

Orders from unknown parties must be accompanied by cash. WE GUARANTEE SATISFACTION

LAGER & HURRELL,

Orchid Growers and Importers, SUMMIT, N. J.

Mention the Review when you write.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz.,	$1.50
SALVIA Nana Comp., Bonfire	" 25c.	¼ oz., 75c.	oz.,	2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz.,	1.00
PETUNIA, large flowering, fringed, mixed			pkt.,	.50
PETUNIA, double, large flowering, fringed, mixed			"	1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz.,	5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz.,	9.00

Our Wholesale Catalogue mailed free January 1st.

Stumpp & Walter Co.
50 Barclay St. N.Y.

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O. Sec'y and Treas., C. E. Kendel, Cleveland, O The 22d annual meeting will be held at St. Louis Mo., June, 1904.

It is noted that Alaska peas are lower in price than they were last year.

The Leonard Seed Co., Chicago, will start mailing catalogues January 10.

Visited Chicago: James B. Kidd, representing the Cox Seed Co., San Francisco, Cal.

To the question, "will the planter pay the high price for sweet corn," the answer may be given that the high price has already been paid.

The Duke of York pea is a coming favorite with market gardeners. Its exceptional merit for market planters is only beginning to be realized.

The Bountiful bean bids fair to outdo some of the other standard sorts. It is hardier, more prolific and, for the market gardeners' use, excels many of the others.

Barteldes & Co., Lawrence, Kan., are doing business in their new warehouse at Oklahoma City, Okla. The structure has a capacity of 300 car loads. C. F. Eltzholtz is manager there.

Joseph Schindler, of Jos. Schindler & Co., New Orleans, La., is in Chicago on a business trip. On his way up he visited the trade at St. Louis and from here goes to Detroit. The season is opening up at New Orleans, and some shortages of stocks have to be looked for.

The Davis wax bean is about the scarcest of wax sorts. The older varieties will have to take the place of it. Wardnell's, which is also very scarce, is the only other variety that will satisfy those who prefer Davis. When these two are sold out, it will be an even stand off with any other wax variety the dealer may have.

The highest printed net retail prices so far noticed for a standard variety of sweet corn are $15 per bushel; $4 per peck, 55 cents per quart, for Country Gentleman. Evergreen in the same catalogue is, bushel, $10; peck, $2.75; quart, 40 cents. These prices are made by a well posted house and are likely to be close to proper values.

ST. PAUL.

Recent developments do not change the corn and cucumber situation and prices remain firm with an upward tendency. Sales of Stowell's Evergreen and Country Gentleman are reported at $10 per bushel.

The Department of Agriculture at Washington is already making inquiries and asking for offers of seeds for next season. They evidently believe that the early bird will catch the worm.

W. H. Small, of Evansville, Ind., was a recent caller on the trade. X. Y. Z.

INDIANAPOLIS.

The Market.

The holiday business in this city was all that was expected and in some cases more than was looked for. Early in the week it became very apparent that good carnations would be very short and all the growers had more promises out than they could fulfil. Four bright days helped matters somewhat and most of the orders were filled satisfactorily. Roses were in better supply. There were the usual number of poinsettias and flowering plants, such as azaleas, begonias and cyclamens, and all sold well. Prices ruled somewhat higher than usual and good stock brought whatever was asked for it. Prices since Christmas have held up well, and up to New Year's they had not fallen at all. At the present writing prices are easing up a trifle and soon the normal rates will rule. Cold 19 degrees below zero on Sunday morning did not have much tendency to cause prices to drop, however. Coal piles are suffering and many growers who laid in their regular supply of fuel will have to buy before spring unless it comes very early this year. November and December have been unusually steady cold this winter. There has been no scarcity of coal this winter so far, and so there are less anxious heads than there were at this time last winter.

Various Items.

The State Society of Indiana Florists will hold its annual meeting January 12, and I understand it is to be held in the state house. There is to be an exhibition of whatever you may have that is good, so bring it along or send it. Although all the new varieties of carnations and roses are expected, yet any well grown stock of standard varieties are appreciated.

John Hartje is busy propagating his new white carnation Moonlight. He says the sales have been good.

Baur & Smith have begun delivering their Indianapolis, which is selling fast. Several large batches of cuttings in the sand show that it is an easy rooter. The blooming benches have been bearing heavily all season.

N. H. Hasselman lost his dwelling by fire on Christmas night, while a dreadful blizzard was raging. The fire was discovered too late to save much. It was fully covered by insurance, fortunately.

Mrs. R. F. Harriett died of consumption January 2, at her home near Broadripple. She leaves her husband and three children. They have the sympathy of the whole craft in their bereavement.

A. B.

Syracuse, N. Y.—L. E. Marquisee says it is no longer a question of orders for his 1904 varieties, but of his ability to fill them.

SEEDS for Profit
FLORISTS' FLOWER SEEDS **Sweet Peas**
Wholesale Catalogue on application.
WEEBER & DON, Seed Merchants and Growers,
114 Chambers St., New York City.

Mention the Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention the Review when you write.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

POTATO Northern Star
THE TALK OF THE GARDENING WORLD.
For lowest cash price address
WM. DEAL, Jr., F. R. H. S.
FEERING HILL, KELVEDON, ESSEX, ENGLAND.

Novelties
in hardy fruits, including new Apples, Pears, Plums, Logan berry and Bush fruits. Catalogue fully illustrated gratis.
LAXTON BROS.
BEDFORD, - - ENGLAND.

Mention Review when you write.

DAHLIAS. POT ROOTS.
Ten Gold Medals Awarded 1903.
Pot-roots for shipment at once. Every section including the popular **Cactus Dahlias** at $4.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100.
HOBBIES LIMITED, Norfolk Nurseries, **Dereham, Eng.**

Mention Review when you write.

SEEDS Write for prices on quantities wanted of
Peas, Cabbage, Beet, etc.
SURREY SEED CO., Ltd.
REDHILL, ENGLAND.

J. DIJKHUIS & CO.
BOSKOOP-HOLLAND.
QUALITY.... ....QUANTITY.
Ask our prices for Azaleas, Rhododendrons, Peonies, Roses, Hardy Evergreens, Clematis, Etc.
Price List Free on Application.

Phenomenal Success

OF W. Wells & Co.'s CHRYSANTHEMUM NOVELTIES....

At the New York Show held in November last.

W. WELLS & CO., EARLSWOOD, SURREY, ENGLAND,
Will be pleased to send their list of

NEW CHRYSANTHEMUMS, together with a sheet of illustrations of same, post free, to intending purchasers.

WE HAVE THE ENTIRE CONTROL OF ALL THE VARIETIES **Raised by Mr. T. W. POCKETT in AUSTRALIA,**

And the following are some of the varieties we have distributed:—

W. Duckham, Donald McLeod, F. A. Cobbold, Harrison Dick, Hester Edwards, Leila Filkins, Mary Inglis, Maynell, S. T. Wright, W. A. Etherington, Cheltoni Nellie Pockett, W. R. Church, Mrs. T. W. Pockett, Goacher's Crimson, Ben. Wells, Henry Barnes, Lord Alverstone, Mrs. A. McKinley, Mrs. E. Thirkell, Thos. Humphreys, Durban's Pride, Chas. Longley, C. J. Salter, Guy Hamilton, Ernest Bettesworth, Lord Ludlow, Lord Salisbury, Mme. Herrewege, Mable Morgan, Mr. T. Carrington, Rev. W. Wilks, etc.

Growers will see at a glance from what source the best Chrysanthemums are introduced, and pages of puff from us would be superfluous. Those which we shall be distributing next spring will be quite equal to (if they do not surpass) anything we have hitherto sent out.

We wish to call particular attention TO ONE OF OUR **New Early Flowering Varieties, "CARRIE"**

Which is the best early yellow for flowering in the open ground the 1st of September, at which time, in 1903, we sent 100 dozen blooms to Covent Garden market, London; these were sold at 1s. per dozen and resold in a few minutes at 2s. per dozen, to be retailed at 6d. each.

The form and color are very like a dandelion and the flowers are fully 4 inches in diameter.

The plant produces an abundance of flowers with long, stiff stems and continues flowering for a long time, in fact, some sprays were sent over to the show in New York in November.

We could ship a few hundred stools at **£12 10s. per 100** (these are full of cuttings), or young plants at the end of April at **£10 per 1000.**

We can supply 50,000 plants of this variety. We have already booked over 20,000 for England. **So hurry up!**

Wells' New Up-to-date Book on the Culture of the Chrysanthemum.

Price 1s. 6d. post free from W. WELLS, EARLSWOOD, SURREY, ENGLAND.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

OUR 1904 TRADE LIST

Containing a complete assortment of vegetable and flower seeds now ready.

A post-card will bring it to any who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention Review when you write.

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed. " 50c and $1.00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, - ALLEGHENY, PA.

Large Flowering BEGONIAS.

TUBEROUS ROOTED. SELECTED BULBS.

SINGLE	Per doz.	100	1000
Scarlet	35c	$2.50	$22.50
White	35c	2.50	22.50
Crimson	35c	2.50	22.50
Rose	35c	2.50	22.50
Yellow	35c	2.50	22.50
Mixed	30c	2.25	20.00

DOUBLE	Per doz.	100
Scarlet	60c	$4.50
White	60c	4.50
Crimson	60c	4.50
Rose	60c	4.50
Yellow	60c	4.50
Mixed	50c	4.00

GLOXINIA CRASSIFOLIA ERECTA -- Giant Flowering.

Carefully Selected Bulbs from a Specialist in Ghent

	Per doz.	100
Mixed, first size, 1 in. and over	40c	$3.25
Mixed, large size, 1¼ to 1½ in.	50c	4.00
Mixed, extra large, 1½ to 2 in.	65c	4.75
White, extra large, 1½ to 2 in.	75c	$5.00
Blue, " " 1½ to 2 in.	75c	5.00
Spotted, " " 1½ to 2 in.	75c	5.00

Double Herbaceous Peonies

Splendid roots, with 2 to 5 eyes.

	Per doz.	100
Pink	$1.25	$7.00
White	1.25	8.00
Dark Red	$1.25	$7.00
Mixed	1.00	6.00

If wanted by mail add 25c to dozen rates.

New Crop Flower Seeds ready. Write for Florists' List.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Burpee's Seeds Grow

SEEDS

THE ALBERT DICKINSON CO.

Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.

COTTON GRAIN BAGS. CHICAGO ILL.

Gladiolus Bulbs

Mixed colors, containing an unusually large proportion of White and Light. This stock was originally selected from a very large lot of seedlings, and was never before advertised.

All sizes from bulblets up.

M. CRAWFORD, Cuyahoga Falls, Ohio.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

SAMUEL S. PENNOCK,
SWEET PEAS.
Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write.

Pittsburg Cut Flower Co., Ltd.,
504 LIBERTY AVE.,
PITTSBURG, Pa.
WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.

BUFFALO.

Very Cold, But Thankful.

Those who thought our extremely early winter was but a cold snap and would let up before real winter have been sadly mistaken. As King Frost grows older he grows more searching and severe and the last few days it's a terror. But we have seen much worse, so don't let us complain and, after the unspeakable afflictions that have visited a great city and wrecks and ruins in other localities, we should be more than thankful that we have health and coal to warm us and many blessings that we don't half appreciate till misfortune arrives.

State of Trade.

It would not be just the thing to mention who says their holiday business was better or worse than last year. Some were satisfied, a few say it was decidedly ahead of last year and still a few say candidly that they were disappointed. So, striking the average, it may be put down as about like a year ago.

One of our Main street florists, S. A. Anderson, went into the advertising line in quite a departure from the usual florists' venture. A whole broadside sheet was used in our leading daily newspaper. This means a great outlay and business has to respond and I understand it did. But only one or two at a time could afford to adopt this department store scale of advertising, because the retail business in our line does not exist and all the advertising you could pay for would only slightly increase the normal volume of sales. We think it is entirely a different matter with a department store, which handles something that every man, woman and child in the community is looking for. However, these remarks are not intended to discourage those who want to show such enterprise and I admire the pluck of the man who is the first to do it.

There were certainly rather more flowering plants offered than were wanted. A good lesson would be to grow less and grow them better. Palms showed an inclination to come back to their former popularity and many were sold, and so were nice ferns. Berried plants did not go at all. Azaleas, cyclamens and begonias were most in demand and handsome pans of poinsettias, but single plants of these sold slowly.

Various Notes.

On New Year's night the Buffalo Club gave its annual ball. The decorations were very handsome, went into four figures and were done by W. J. Palmer & Son.

New Year's was a bright day and the sun shown out and sleigh bells tinkled. Violets sold in large quantities. New Year's, once the great florists' day, has for years been little more than any other day in midwinter. Yet this year it seemed more like old times. Perhaps the old New England New Year's is coming back to us.

As you get old you are no longer a fit person to take charge of a complicated decoration. Leave it to young blood. But what a difference in the people who give you the order and what you have to put up with. There are some jobs I would like to make the bill out for in this style; it would never be collected, yet it would be a great satisfaction to let these creatnres know of your sweet sentiments toward them:

Miss Inherited Dough,
Dr., to Wm. Greens, Florist.

500 yds. laurel wreathing	$ 50
5 cases holly	75
Flowering plants loaned	60
Palms	50
Cut flowers	75
Labor of self and man, doing and undoing and alterations	125
To wear and tear of health and general annoyance trying to carry out "suggestions"	185
	$620

W. S.

THIS is good weather for the wagon heater men; they report business booming.

COEYMANS, N. Y.—The firm of Blauvelt Bros. has been dissolved. E. Blauvelt will continue growing sweet peas for the wholesale market. Harry Blauvelt expects to enter the retail and wholesale business about March 1.

SHENANDOAH, IA.—Early in the morning of December 26 fire destroyed the boiler and packing sheds at the greenhouses of O. B. Stevens, the loss being estimated at $1,500, fully covered by insurance. Considerable stock in the greenhouses was damaged but the wind was away from the buildings and they escaped with small injury. The fire started from defective heating apparatus.

Rose "Quality"

Many of our customers tell us that since they commenced using Our Roses they have no more trouble with getting Satisfactory quality.

DON'T YOU WANT TO TRY IT?

HELLER BROS.,
South Park Floral Co., NEW CASTLE, IND.

Mention the Review when you write.

Peter Reinberg
51 Wabash Ave., CHICAGO.
WHOLESALE
Cut Flowers.

LARGEST GROWER IN THE WORLD.....
1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$6.00
" " 30-36 in. stem	5.00
" " 24-in. stem	4.00
" " 20-in. "	3.00
" " 15-18-in. stem	2.00
" " 12-in. stem	1.50
" " Short stem, per 100,	$6.00-8.00

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	6.00
BRIDE	6.00 to 10.00
BRIDESMAID	6.00 to 10.00
GOLDEN GATE	6.00 to 10.00
PERLE	6.00 to 10.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & O. on orders over $5 00.

Mention Review when you write.

ENCLOSED find the final payment on my Florists' Manual, by Wm. Scott, and permit me to say I never invested $5 in a better way.—E. V. BUSHONG, Edgerton, O.

LEO NIESSEN. BRIDES AND MAIDS LIBERTIES and BEAUTIES

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

Mention the Review when you write.

If you want Beauties and Carnations, write, phone or wire **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., **PHILADELPHIA.**

Mention the Review when you write.

ESTABLISHED 1894

E. F. Winterson Co.

SUCCESSORS TO

McKELLAR & WINTERSON

HEADQUARTERS ...for...

CUT FLOWERS

GALAX LEAVES

And All "GREENS"

"Superior Quality" BRAND

Wild Smilax

ALWAYS ON HAND.

(NONE BETTER)

MANUFACTURERS OF "PERFECT SHAPE" WIRE WORK.

WE CARRY THE MOST COMPLETE LINE OF FLORISTS' SUPPLIES IN THE WEST.

(CATALOGUE FREE.)

Address all correspondence to

45-47-49 Wabash Ave. CHICAGO.

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Rice Brothers

128 N. 6th Street, MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

WILD SMILAX—Flowers billed at market prices.

Shippers of Choice Cut Flowers and Greens of all kinds. Try us.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Wholesale Cut Flower Prices.

Philadelphia, Jan. 6.

	Per doz.
Beauties, Specials	$6.00
" Extra	5.00
" No. 1	$ 3.00 to 4.00
" Shorts	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Specials	$10.00 to $12.00
" " No. 2	4.00 to 6.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	4.00 to 6.00
Liberty, Firsts	25.00 to 40.00
" Seconds	6.00 to 15.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 6.00
Perle	4.00 to 8.00
Sunrise	6.00 to 10.00
Ideal	6.00 to 12.00
Cypripediums	12.50
Carnations, Commons	3.00 to 4.00
" Fancies	5.00 to 6.00
" Novelties	10.00 to 12.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00
" Sprengeri "	2.00
Callas	8.00 to 12.50
Daisies	.50 to .75
Hyacinths, Roman	3.00 to 4.00
Lilium Longiflorum	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 4.00
Narcissus	3.00 to 4.00
Pansies	.75 to 1.00
Poinsettias	15.00 to 30.00
Smilax	12.50 to 15.00
Stevia	.50 to 1.00
Sweet Peas	1.50
Violets	.75 to 1.50

Lilac, $1.00 per bunch.

SHARON, PA.—M. I. O'Brien is at the sanitarium at Battle Creek seeking to recover his health.

WEST MENTOR, O.—Carl Hagenburger had a nice holiday business and one item which went well was a lot of fine white chrysanthemums. The variety was Yanoma and a photograph taken December 21 shows them to have been very well done.

THE AMERICAN

CARNATION

HOW TO GROW IT. FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands or every grower.

Sent carriage paid on receipt of $3.50.

Florists' Publishing Company, Caxton Bldg., Chicago.

EDWARD REID,

WHOLESALE FLORIST.

SWEET PEAS A SPECIALTY

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m.
Long Distance Telephone.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, VALLEY AND PAPER WHITE Narcissis

1432 South Penn Square, Philadelphia.

Mention the Review when you write.

C. A. DUNN & CO.

Wholesale Florists,

1516-18 Sansom St., PHILADELPHIA.

Roses, Heliotropes and Carnations.

Bell—Phonea—Keystone.

Mention Review when you write.

PANDANUS VEITCHII

From 15 to 45 inches high above pot, in natural position. Write for quotations.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention the Review when you write.

....THE....

COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

THE REGAN ...PRINTING HOUSE...

Nursery.... Seed.... Florists'... **Catalogues**

87-91 Plymouth Place, Chicago.

Fancy & Dagger Ferns

$1.00 per 1000.

Discount on large orders. Galax, bronze or green, new crop, 75c per 1000. Laurel Festooning, best in the world, 4c, 5c and 6c per yard—once used, always used. Southern Smilax, $5.50 per case, 50 lbs. Try it when you want Smilax. Bouquet Green, No. 1 stock, $6.00 per 100 lbs., also made into Wreaths and Roping; write for prices. Laurel Wreaths for Xmas; everyone should have them; nothing like them for sellers.

MILLINGTON, MASS.

Tel. Office, New Salem.

Long distance telephone connections.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION.
Tel. 756 Madison Square.

Established 1891.
GEO. E. BRADSHAW. JOHN R. HARTMAN.
BRADSHAW & HARTMAN,
Wholesale Florists,
53 West 28th Street, NEW YORK.
Telephone 1239 Madison Square.
Consignments Solicited.
Mention the Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations.
Mention the Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 28th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY!
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 2438 Madison Sq.
Mention the Review when you write.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., Tel. 854 Madison Sq. NEW YORK CITY.
Consignments receive conscientious and prompt attention. Highest market price guaranteed.
The finest stock in the market always on hand.
Mention the Review when you write.

S. S. SLINN, JR. WALTER HUGHES
SLINN & HUGHES
WHOLESALE FLORISTS
Coogan Bldg., 55-57 W. 26th St., Telephone 2864 Madison Sq. NEW YORK
Our leading specialties: ROSES, CARNATIONS, VIOLETS. The best the market affords.
Shipping orders receive prompt attention.
Mention Review when you write.

Geo. Saltford
WHOLESALE FLORIST,
48 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Jan. 4.

	Per 100
Beauties, Specials	$25.00 to $50.00
" Extra	15.00 to 25.00
" No. 1	6.00 to 12.00
" Shorts	2.00 to 6.00
Brides and Maids, Specials	10.00 to 12.00
" " Extra	6.00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 4.00
Golden Gate	4.00 to 12.00
Liberty	4.00 to 20.00
Meteor	2.00 to 8.00
Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Dendrobium Formosum	30.00 to 50.00
Carnations, Common	2.00 to 2.50
" Selects	3.00 to 4.00
" Fancies	4.00 to 5.00
" Novelties	6.00 to 10.00
Adiantum Cuneatum	.25 to .50
" Croweanum	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 50.00
Callas	6.00 to 10.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	2.00 to 3.00
Mignonette	1.00 to 6.00
Narcissus	2.00 to 3.00
Smilax	8.00 to 10.00
Violets	.30 to .50
" extra	.75 to 1.25

Stevia, 15c to 25c per bunch.
Galax, $1.00 per 1000.
Common Ferns, $1.00 per 1000.

Last week's quotations were Christmas prices. The above are those of New Year's and the following days to date, a fair indication of the prices likely to prevail for some weeks to come. The days of high values are over. The law of supply and demand prevails and a fair, just price for stock may be hereafter depended upon.

A. J. FELLOURIS,
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GALAX, Bronze or Green, $1.00 per 1000.
FERNS, Fancy, $1.50 per 1000. Dagger, 1.00 "
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Roses, Violets, Carnations, and all varieties of Cut Flowers.

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ESTABLISHED 1872.

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Highest Market Prices Guaranteed.

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Wholesale Cut Flower Prices.

Pittsburg, Jan. 6.

	Per 100
Beauties, Specials	$50.00 to $70.00
" Extra	30.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	3.00 to 8.00
Brides and Maids, Specials	15.00
" " " Extra	10.00 to 12.00
" " " No. 1	6.00 to 8.00
" " " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	4.00 to 10.00
Carnations, Common	1.50 to 2.00
" Selects	3.00 to 5.00
" Fancy	6.00 to 8.00
" Novelties	8.00 to 12.00
Adiantum Cuneatum	.75 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 4.00
Callas	6.00 to 12.00
Daisies	1.00 to 1.50
Freesia	3.00 to 4.00
Hyacinths, Roman	1.00 to 4.00
Lilac per bunch,	1.50 to 2.50
Lilium Longiflorum	12.00 to 20.00
Lily of the Valley	4.00 to 5.00
Mignonette, ordinary	3.00 to 6.00
Narcissus, Paper White	2.00 to 3.00
Pansies	1.00 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.25
Tulips, single	3.00 to 4.00
Violets, ordinary	.75 to 2.50

KANSAS CITY.

It has been a long time since you heard from us, but the writer, having to make his own green wreathing and holly wreaths, could not write as he wished to. But I can now say that every florist in town reports business from twenty to eighty per cent better than a year ago at Christmas. Cuts at home were light and so we all had to go away for stock, and some of it was not as good as it should have been for the price.

Blooming plants in pots, pans and baskets sold well with some of the florists and some others report that they did not do anything with them. It was Christmas trees, wreathing and holly with us all the week. Everybody sold out of wreathing in that line. But the last day cut flowers had the call all day and Christmas morning it kept everybody busy getting out orders. Some report better prices for cut flowers than last year, but on an average prices were about the same.

All the florists' windows looked good, with Christmas bells and immortelle wreaths, everybody making his best showing. Business was good for New Year's day. L. M. S.

SHERMAN, TEX.—H. O. Hannah says trade is a great improvement over last year.

GALAX.

Bronze or Green, 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

Florists' Supplies of every description.

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TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

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TRAENDLY & SCHENCK,

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Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED.

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111 W. 30th Street, NEW YORK.

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The LARGEST SHIPPERS AND RECEIVERS OF Fresh Cut Flowers

☞A complete assortment of the best in the market can always be relied upon.

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CUT ROSES

DIRECT FROM THE GROWER

No Middleman.

BRIDES and MAIDS A SPECIALTY.

Prices lower than elsewhere. Try me.

FREDERICK D. STEIN,

(The Rose City.) MADISON, N. J.

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MILWAUKEE, - WIS.

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GALAX! Galax!

C. W. BURLESON & SON,

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The best place to get the best Galax Leaves. All orders receive personal and prompt attention. Prime stock. Prices right.

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Tel. 1797 Madison Sq.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th St., and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Mention Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 6

	Per doz.
Beauties, 36-inch stems	$6 00
" 30 "	5.00
" 24 "	4.00
" 20 "	3.00
" 15 "	2.00
" 12 "	1.50
" Shorts, per 100, $6.00 to	8.00
	Per 100
Bridesmaids, Specials, $8.00 to	10.00
" Firsts 4.00 to	6 00
Brides, Specials 8.00 to	10.00
" Firsts 4.00 to	6.00
Liberty, Specials	15.00
" Firsts 10.00 to	12.00
" Seconds 6.00 to	8.00
Golden Gate, Firsts 8.00 to	10.00
" Seconds 4.00 to	6.00
Meteor, Firsts 8.00 to	10.00
" Seconds 4.00 to	6.00
Mme. Chatenay, Firsts 12.00 to	15.00
" Seconds 6.00 to	10.00
Carnot, Firsts	15.00
" Seconds 6.00 to	12.00
Ivory, Firsts 8.00 to	10.00
" Seconds 4.00 to	6.00
Sunrise, Firsts	10.00
" Seconds 6.00 to	8.00
Perles, Firsts 8.00 to	10.00
" Seconds 4.00 to	6.00
Carnations, Fancy 4.00 to	6.00
" Commons 1.50 to	3.00
Violets .75 to	1.50
Paper Whites 3.00 to	4.00
Romans 3.00 to	4.00
Easter lilies, $2.00 doz.	
Callas, $1.50 per doz.	
Mignonette, $1.00 to $1.50 per doz.	
Valley	4.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings 25.00 to	50.00
" Sprays 2.00 to	6.00
Asparagus Sprengeri, Sprays 3.00 to	6.00
Smilax, $1.50 per doz.	
Common ferns, per 1000, $2.50.	
Galax Leaves, $1.00 per 1000.	

A LITTLE SIDE TRIP.

Ye scribe visited a pretty establishment in Mattoon, Ill., last week, that of Mr. Schrader. His houses are in fine condition. In carnations he grows White Cloud, Lawson and Enchantress, and he makes a success of it, too. His house of Enchantress is just coming into bloom and such magnificent flowers they are that he easily disposes of them at $1.25 per dozen. Indeed, he disposes of all his cut and very often has to call for outside help. Besides his carnation houses he has roses, also some general stock and a pretty palm and fern house.

Mr. S. seemed delighted to find a customer who could talk with him of friends in the S. A. F. and I feel sure our new president's ears must have burned at the nice things said about him, and his beautiful rose, La Detroit, is expected to make her debut in Mattoon next season.

On our homeward journey we stopped off in Chicago, where we hoped to see some of the familiar faces, but time being limited, and it being Sunday, and a standing invitation to dinner calling us out in Rogers Park we were sorry not to be able to see any of our florist friends.

P. B. F.

Marion, Ind.—Gunnar Teilmann says trade was probably better than ever before at Christmas. Everything sold out clean at good prices. He had a nice lot of azaleas which went well. There was a big sale on green stuff, particularly holly.

BRANT & NOE
FLORAL COMPANY,
58–60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.
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THE "OLD RELIABLE" FOR
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Hunt's Flowers Go Everywhere.
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Greenhouses at Hinsdale, Ill.
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A. L. RANDALL CO.
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Write for special quotations on large orders.

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ALL Florists' Supplies,
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Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
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SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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FRANK GARLAND,
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Special attention given to Hardy Cut FERNS.
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Telephone Central 3284.
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J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.
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35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
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The Philadelphia Wholesale Flower Market.

CHOICE BEAUTIES. LONG STRINGS OF ASPARAGUS.

The best of everything in the market.

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MICHIGAN CUT FLOWER EXCHANGE. WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Send for Weekly Price List.

1,000,000 FANCY FERNS, $1.00 per 1000. 200,000 Bronze GALAX, $1.00 per 1000 in 5000 lots; $9.00 per case of 10,000.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 6.

	Per 100
Beauties, Specials	$60.00 to $70.00
" Extra	40.00 to 50.00
" No. 1	20.00 to 30.00
" Shorts	8.00 to 12.50
Brides and Maids, Specials	12.00 to 15.00
" " Extra	8.00 to 10.00
" " No. 1	4.00 to 6.00
" " No. 2	4.00
Cusin	4.00 to 8.00
Golden Gates	4.00 to 12.00
Liberty	4.00 to 15.00
Meteor	4.00 to 12.00
Perle	4.00 to 8.00
Sunrise	4.00 to 10.00
Carnations, Commons	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancies	5.00 to 10.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 4.00
Callas	10.00 to 12.50
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	3.00 to 5.00
Narcissus	3.00 to 4.00
Poinsettias	12.50 to 25.00
Smilax	12.50 to 15.00
Violets, ordinary	1.00
" extra	2.50
Galax	.15
Leucothoe	.50
Common Ferns	.20

CHATANOOGA, TENN.

Karsten Bros. have recently completed a range of seven greenhouses at Bowling Springs, Ga., a short distance beyond St. Elmo and about seven miles from the city. They have a tract of six acres of land and have built and equipped the establishment in the most modern style. All the cut flowers will hereafter be grown at the new place, the city greenhouses being used for plants and display. Frank Phillips, from Nashville, will have charge of the rose growing. Both John and Charles Karsten are experienced growers and they have built up a business which required additional facilities. The city place will shortly be remodeled.

LEHIGHTON, PA.—Paul Niehoff reports 1903 a most satisfactory year with him.

DANBURY, CONN.—W. G. Kroeber has sold his greenhouse stock to H. Tomlinson, who has taken a three years' lease from J. H. Ives, owner of the houses, who will also close the store on Main street and retire from the business.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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H. G. Berning

WHOLESALE FLORIST.

1402 Pine Street, ST. LOUIS, MO.

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J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Jan. 6.

	Per doz
Beauties, Specials	$6.00 to $8.00
" Extra	4.00 to 5.00
" No. 1	2.00 to 3.00
	Per 100
Brides and Maids, Specials	6.00 to 10.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Carnot	6.00 to 8.00
Golden Gate	6.00 to 8.00
Liberty	6.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Commons	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.00
Callas	12.50 to 15.50
Freesia	3.00 to 4.00
Hyacinths, Roman	2.00 to 3.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	2.00 to 3.00
" fancy	4.00 to 6.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Stevia	1.00 to 1.25
Sweet Peas	1.00 to 1.50
Violets, ordinary	.50 to .75
extra	1.00 to 1.50
Galax	.15
Common Ferns	.15

LARCHMONT, N. Y.—Peter Olsen and J. H. B. Hallett, who do business under the name of the Larchmont Nurseries, are building a large carnation house.

The FLORISTS' MANUAL

by WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

FRANK M. ELLIS, WHOLESALE FLORIST, 1316 PINE STREET, ST. LOUIS, MO.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF....SELECT VALLEY and AMERICAN BEAUTIES

Write us when in need of CHOICE STOCK. A complete line of FLORISTS' SUPPLIES.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL,

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.

Telephone Calls: 340 and 341 38th Street.

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OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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Shibeley The Florist,

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25-27 Post Street, San Francisco, Cal.

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171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

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Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.

Long Distance Phone 2478.

Cincinnati, Ohio

ALBANY and NEW YORK

or any place between

SALTFORD

at POUGHKEEPSIE

Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

A. WIEGAND & SONS,

FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, - D. C.

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EUCLID AVENUE, CLEVELAND, OHIO.

J. J. Beneke,

1220 Olive Street, ST. LOUIS, MO.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

FRED C. WEBER,

FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

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HUGH GRAHAM,

PHILADELPHIA,

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All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

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The Park Floral Co.

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WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the North west will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

WILLIAM L. ROCK,

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1118 Walnut St., Kansas City, Mo.

Clarke Bros.

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(CONTINUED.)

WM. SCOTT,

Main and Balcom Sts.

Buffalo, N. Y.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,

119 So. 16th Street, OMAHA, NEB.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

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Send for my Floral Album, size 12x11, containing 24 different funeral designs. Sent to any part of the country by express, $7.00 c. o. d.

226-226½ Bowery, NEW YORK.

The Anna Foster Fern

VERY LOW PRICES. LARGE STOCK.

Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.

BOSTON FERNS.

Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.

Asparagus Plumosus Nanus.

3-in., $8.00 per 100. SPRENGERI—3-in. $5.00 per 100. Just right for pans.

Kentia Palms. Ficus.

L. H. FOSTER,

45 King Street, DORCHESTER, MASS.

Mention the Review when you write.

CATALOGUES RECEIVED.

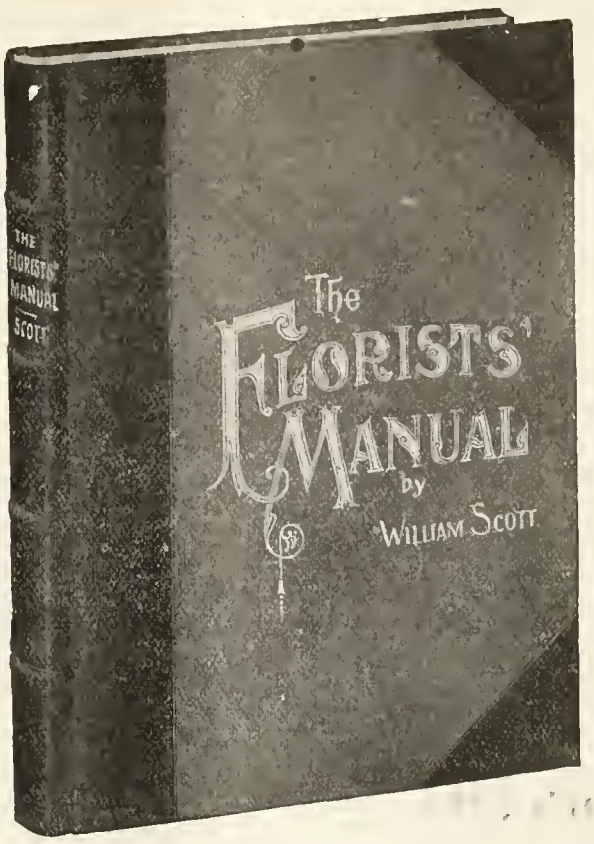
W. Atlee Burpee & Co., Philadelphia, seeds; Henry A. Dreer, Philadelphia, seeds; R. Vincent, Jr. & Son, White Marsh, Md., hardy pompon chrysanthemums; W. Wells & Co., Redhill, Surrey, England, chrysanthemums; F. Barteldes & Co., Lawrence, Kan., seeds; Moore & Simon, Philadelphia, seeds.

WAUKESHA, WIS.—A. B. Butchard is about again after a two weeks' illness.

OTTAWA, KANS.—H. R. Lester reports holiday trade in cut flowers as very good, also in holly and wreaths, but other Christmas goods went slow.

HINSDALE, MASS.—It is reported that ferns in cold storage are not keeping well and the dealers are raising their prices and cutting orders.

EVERGREEN, ALA.—E. A. Beaven, of Caldwell the Woodsman Co., says business this winter has been fine, more wild smilax having been used than in any previous season.



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FLORISTS' PUB. CO.,

Caxton Bldg., CHICAGO.

PITTSBURG.

The Market.

New Year's created no special demand for stock in this market. The only noticeable call was for violets. Last week we experienced considerable disagreeable and very cold weather which had a bad effect on business, the supply of stock exceeding the demand. Roses and carnations are steadily increasing and prices are weakening. Maids and Brides continue to improve in quality and some of the best blooms are being sold at $15 per 100. Medium and smaller roses are very plentiful and fine flowers with poor stems were offered as low as $3 per 100. American Beauties sell slowly at $5 to $6 per dozen for the very best.

Carnations are holding their own. Enchantress and Prosperity are the high priced blooms and frequently touch $10 per 100. Lawson, Hector and White Cloud are very plentiful and are offered as low as $5 per 100. Scott, Joost, and Flora Hill are offered at $3. Split and inferior stock has no value and is difficult to move at any price.

White lilac, sweet peas, mignonette, valley, Paper White narcissi, and Romans are more than plentiful. In all bulbous stock a superabundance exists, and quantities of it are left unsold.

Various Items.

The Pittsburg Rose and Carnation Co., at Bakerstown, and J. L. Wyland, F. H. Westhoff, A. Lorch & Co., and Charles Hoffman, located at DeHaven, are all producing some very elegant carnations. These growers all increased their glass last summer and are growing the newer varieties.

Among the few growers in this section who are fortunate enough to have their own natural gas fuel are the Pittsburg Rose and Carnation Co., at Bakerstown, and J. L. Wyland. The rest of us are now paying 8 cents to 12 cents per bushel (76 pounds) for coal. Does this not make it quite necessary that good prices should be maintained throughout the season?

Blind Brothers, at West View, are cutting a limited quantity of cattleyas. They have a nice collection of orchids and so far have been quite successful with them. The demand for orchids here is large, and your correspondent ventures to say that the grower who will invest in and grow the commercial sorts of orchids in quantity will find it a paying investment.

The Washington Floral Co. is shipping in some extra fine Golden Gate roses.

Theo. Beckert is now cutting a fine lot of pink and white sweet peas.

The Cut Flower Company sustained a loss of $150 of shipping boxes in the recent fire of a big storage house in this city.

Almost all the growers and retail florists of this vicinity say they have experienced a prosperous year. The wholesalers and commission men report good business, but poor collections.

A very interesting meeting of the Florists' Club was planned for Tuesday night, January 5. The subject was "Roses." The following parts were assigned to its members: "Best Retailing Roses and Why," by Gustav Ludwig; "Best Shipping Roses and How to Pack Them," by T. P. Langhans; "New Roses; What About Them," by Fred Burki; "Pot-grown Roses, and How to Grow Them," by J. W. Jones; "Roses for Private Cultivation," by David Fraser; "Kicks about Roses," David Geddis.

Hoo-Hoo.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in., Savitzii, $3.00; Eclipse, $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Abutilons in variety, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2 00 100. Rooted cuttings of same, $1,00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, rooted cuttings, $1.00 100. E. B. Randolph, Delavan, Ill.

Ageratum rooted cuttings, best variety, 50c
J. A. Keeney, Monongahela, Pa.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 5c; 2nd size, 5c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, from 18, 20 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus, fine plants, 2 and 2¼-in., $2.50 100; 3-in., fine plants, $5.00 100. Cash Will exchange for ever-blooming roses like La France, C. Soupert, etc.
Theodore Miller, Ironton, O.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 3-inch, $4.00 100. Plumosus, 2¼-inch, $3.00 100.
Walker & McLean, Youngstown, O.

ASPARAGUS PLUMOSUS NANUS.
Cut stringa, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½-in., $2.00 100. Cash.
Rockville Greenhouses, Rockville Center, N. Y.

Asparagus Sprengeri, 2½-in., $2.00, 3-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri and plumosus, 2, 2½, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-incb, $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $3.50 per 100; B. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

AZALEAS.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

AZALEA MOLLIS for EARLY FORCING. Fine bushy plants, 15 inches high, full of buds, $4.50 per doz, $35.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea manicata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Loraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gloire de Lorraine begonias, strong, healthy plants, 2-in. pots, $12.00 100.
Isaac H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00; 2¼-in., $3.00 per 100. W. H. Parail, Summit, N. J.

Begonias, 3-inch pots, $5.00 100. Write.
Sherman Nursery Co., Charles City, Ia.

BERRIED PLANTS.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Large-flowering begonias, tuberous-rooted, selected bulbs; single and double. Gloxinia crassifolia erecta, giant flowering, carefully selected bulbs. For size and prices, see displayed adv. Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

SURPLUS BULBS.
WE MUST SELL QUICK.
NO REASONABLE OFFER REFUSED.
ST. LOUIS SEED CO., St. Louis, Mo.

Gladiolus bulbs, mixed colors, large proportion of white and light. All sizes from bulblets up. Selected stock. Never before advertised. M. Crawford, Cuyahoga Falls, O.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4-in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthes, Crinum, Cooperia, Milla, Beaseara, Yuccas, Agaves, Resurrection plants, Antignon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Caladiums, 4 to 6-in. bulbs, 40c 100; 6 to 8-in., 80c 100; offsets, $1.00 1000. Cash.
Theodora S. Ellis, Griffin, Ga.

Excelsior Pearl tuberoses and Caladium esculentum bulbs. Write us.
John F. Croom & Bro., Magnolia, N. C.

CANNAS.

To close out balance of my stock I make the following low prices; the tubers are 2 and 3 eye pieces, guaranteed true to name: Mlle. Berat, Martha Washington, Chas. Henderson, Francois Reif, Pres. Cleveland, L. Patry, Mme. Crozy, M. J. Desloges and Duke of Marlborough. Above varieties, 50c per 100. Burbank and Alemannia, 50c per 100. Cash, if you please.
Theodora S. Ellis, Griffin, Ga.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

The leading novelty in cannas, MT. BLANC. Send for my prices.
Edward Harris, Box 25, Moorestown, N. J.

Canna Austria, a few thousand at $4.00 per 1000. Soar Bros., Little River, Fla.

CARNATIONS.

Carnation rooted cuttings.

	100	1000		100	1000
Bo'n Mk't.	$4.00	$35.00	Glacier ..	$2.50	$20.00
Fair Maid.	4.00	35.00	Marquis ..	2.50	20.00
Wolcott ..	4.00	35.00	Dorothy ..	2.50	20.00
McKinley.	3.50	30.00	G. Ro'sev't	2.50	20.00
Nelson ..	3.00	25.00	Joost	2.00	17.50
Estelle ..	3.00	25.00	Lorna	2.00	17.50
Floriana .	3.00	25.00	Norway ..	2.00	17.50
Innocence	3.00	25.00	Maceo ...	2.00	17.50
Prosperity	3.00	25.00	Gomez ...	2.00	17.50
Gaiety ...	3.00	25.00	Success ..	2.00	17.50
Stella ...	3.00	25.00	Triumph .	1.50	12.50
Lawson ..	2.50	20.00	White Cl'd	1.50	12.50
M'g Glory	2.50	20.00	Cash or C. O. D.		

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings. My plants are small, but I have no stem-rot and have increased my facilities for propagating so that cuttings will be turned out in the best possible condition and properly packed. Varieties I can furnish by the 1,000 are Crocker, Nelson, Floriana, Adonis, Enchantress and Queen Louise. Varieties I can furnish by the 250 only are Lillian Pond, Innocence, Wolcott, The Queen, Murphy's White, May Naylor, Her Majesty, Harry Fenn, Apollo, Golden Beauty, Success, Mrs. Roosevelt, Sybil, Tiger, President McKinley, Gaiety, Mrs. Higinbotham and Lawson. Send list of wants for prices.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings; clean, healthy stock, well rooted.

RED.	100.	1000.	WHITE	100.	1000.
Crane	$2.50	$20.00	F. Hill ..	$1.50	$12.50
America ..	2.50	20.00	W. Cloud..	1.50	12.50
Palmer ...	2.50	20.00	Q. Louise..	1.50	12.50
PINK.			Norway ...	1.50	12.50
Lawson ...	2.00	17.50	LIGHT PINK.		
Dorothy ..	2.00	17.50	Enchantress	5.50	50.00
Nelson ...	2.00	17.50	Hig'botham	2.50	20.00
G. Angel..	1.50	12.50	M. Glory..	2.50	20.00
Triumph ..	1.50	12.50	VARIEGATED.		
Joost	1.50	12.50	Prosperity.	2.50	20.00
Crocker ...	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Strong rooted carnation cuttings, free from disease.

	100.	1000.		100.	1000.
Ench'tress	$5.50	$50.00	Wolcott ..	$3.50	$30.00
Nelson	3.50	30.00	Boston Mkt	3.50	30.00
Lawson ...	2.25	20.00	Innocence..	2.50	22.50
Inquirer ..	2.50	.....	Glacier ..	1.75	15.00
Dorothy ..	2.50	.....	Wh. Cloud.	1.75	15.00
Joost	1.75	15.00	Hill	1.75	15.00
Marquis ..	1.75	15.00	Crane	2.00	18.00
Apollo	3.50	30.00	Estelle ...	3.50	30.00
Fenn	3.50	30.00	Prosperity..	2.00	18.00

Cash with order.
Buckley Plant Co., Springfield, Ill.

Carnation rooted cuttings from No. 1 stock.

	100.	1000.		100.	1000.
Cressbrook	$2.00	$15.00	Estelle ...	$4.00	$35.00
F. Joost...	2.00	15.00	Lillian Pond	6.00	50.00
Ench'tress.	6.00	50.00	The Queen.	6.00	50.00
Fair Maid.	3.00	25.00	Mur's Wh..	4.00	35.00
T.W.Law'n	3.00	25.00	Gov.W'cott	3.50	30.00
Gov.R'velt.	3.00	25.00	Boston Mkt	3.00	25.00
Gen.Maceo.	2.50	20.00	Q'n Louise	2.00	15.00
Gov. Crane.	2.50	20.00	Freedom ...	1.50	10.00
Adonis.....	8.00	70.00			

P. E. Richwagen, Needham, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	6.00	50	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted.

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

Rooted carnation cuttings ready early in January.

Pond.	Estelle.	Stella.
Peru.	Glacier.	Lawson.
Lorna.	Prosperity.	Golden Beauty.
Marquis.	Roosevelt.	Mrs. T. Roosevelt
Lowndes.	M'n'g Glory.	Mrs. E. A. Nelson

Clean, well rooted, healthy stock. Place your orders now. JOHN H. DUNLOP, Toronto, Ont.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatrosa, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Unrooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Prosperity	$1.25	$10.00
Hill	1.00	7.50	Lil'n Pond.	2 00	15.00
Q. Louise.	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen.	2.00	15.00
Fair Maid.	1.25	10.00	Enchantress	3.00	25.00
Roosevelt.	1.25	10.00	Challenger.	1.25	10.00

All healthy stock.
UTICA FLORAL CO., Utica, N. Y.

Now ready, as fine stock as the best in the country: Enchantress, $6.00 100; $50.00 1000. Lawson, $2.00 100; $18.00 1000. Prosperity, $2.00 100; $18.00 1000. Peru, $1.50 100; $10.00 1000. The following will be ready January 1: Crane, America, Hill, Cloud, Queen Louise and Dorothy, $2.00 100; $17.50 1000. If stock is not satisfactory when received return it at my expense. W. W. COLES, Kokomo, Ind.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.
W. K. Partridge, Sta. R., Cincinnati, O.

50,000 rooted carnation cuttings for January delivery. White Cloud, Hill, Queen Louise, Dana, Morning Glory, Joost, Lawson, Prosperity, America, Crocker and Norway. Guaranteed free from rust or stem-rot. In this southern climate our plants are entirely free from these diseases. Rosemont Gardens, Montgomery, Ala.

Strong, healthy rooted cuttings from sand:

	100.		100.
Mrs. Joost	$2.00	Marquis	$2.50
Prosperity	3.00	Norway	2.00
Crane	2.50		

WM. SCOTT, Corfu, N. Y.

Rooted carnation cuttings.	100.	1000.
Lillian Pond	$5.00	$40.00
Enchantress	6.00	50.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

50,000 rooted carnation cuttings. Our stock is exceptionally fine. Send for list of varieties and prices.
C. Akehurst & Son, White Marsh, Md.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.06	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.	100	1000
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

Carnations, ready to go out of cutting bench.

	100.	1000.		100.	1000.
Wolcott	$3.50	$30.00	Enchant'ss.	$5.00	$45.00
Lawson	3.00	25.00	Palmer	3.00	25.00
Harlow'den	5.00		Hig'botham	4.00	
Prosperity.	3.00		Pond	5.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. 1,500 extra fine Fair Maid rooted cuttings, $2.75 a 100, now ready. Orders booked for Glacier, Hill, Foster, Joost, Lawson, Fair Maid, Maceo, Gomez, Norway, Queen Louise, Boston Market. Otto Bourdy, Lowell, Mass.

25,000 carnation cuttings, well rooted. Lawson, Crane, $1.50 100; $12.00 1000. Hill, Dorothy, Maceo, $1.25 100; $10.00 1000. Guardian Angel, G. Lord, Joost, $1.00 100; $9.00 1000. Cash. J. J. Lampert, Xenia, O.

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D. C. Noble, Columbia City, Ind.

Only first-class rooted cuttings. Price per 100: Gov. Wolcott, $4.00; Lawson, $3.00; Hoosier Maid, White Cloud, Crane, Bradt, Roosevelt, $2.00; Marquis, Dorothy, $1.50. Cash or C. O. D. Henry Baer, Peoria, Ill.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
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Two new white carnations for 1904, LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

EXTRA GRADE CUTTINGS.
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New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
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The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.
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Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.
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Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Carnation rooted cuttings. Enchantress, $6.00 100. Wolcott and Boston Market, $3.00 100.
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Rooted cuttings of all the new and standard varieties of carnations. Send for list.
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Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
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Queen Louise, 2-inch, $2.00 100. Lawson, 2-inch, $2.50 100. Cash or C. O. D.
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Rooted carnations now ready. For varieties and prices see our displayed adv.
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Rooted and unrooted carnation cuttings. We prepay express charges.
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Stock plants: Yellow Eaton, Columbia, Mrs. R. Smith, $20.00 100; R. E. Richardson, Marie Liger, $12.00 100; Philadelphia, Timothy Eaton, Golden Wedding, Goldmine, Silver Wedding, Thorndon, $10.00 100; Geo. W. Childs, Viviand-Morel, Col. Appleton, Mutual Friend, Autumn Glow, Fitzwygram, Robinson, Yellow Robinson, Gladys Vanderbilt, Polly Rose, Robt. Halliday, Mrs. Perrin, Jerome Jones, Yellow J. Jones, Maud Dean, Bonnaffon, Riverside, Mrs. Whilldin, Ivory, Bergmann, Glory of Pacific, $5.00 100.
Walker & McLean, Youngstown, O.

Chrysanthemum stock plants. Halliday, R. H. Pearson, Viviand-Morel, Appleton, T. Eaton, Fee du Champsaur, White and Yellow Jones, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8.00 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden Powell, $10.00 100. Park, $5.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
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Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
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Stock plants of the best paying chrysanthemums grown. Omega, yellow, earlier than Oct. Sunshine and three times the size, $1.50 doz.; Yellow Chadwick, $2.00 doz., and W. H. Chadwick, $1.00 doz.
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Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 doz. Liger, Richardson, Yellow Eaton, $1.50 doz.
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Chrysanthemums. All the new and standard varieties at lowest prices.
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Clematis, leading var., strong, true to name, $25.00 100.
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PIERSONI ferns, 2½-in., or from beaches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.

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Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runoers reduced to $10.00 100; 2½-in., $16.00 100; 4-in., 50c each; 5-in., 75c each. Any number at above prices. Cash.
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Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
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Well rooted cuttings true to name, Jean Viaud, S. A. Nutt, Mme. Buchner, $1.00 per 100; $9.00 per 1000. Le Soleil, Ricard, Poitevine, Mme. Landry, Perkins, Couotess de Harcourt, $1.25 per 100; $10.00 per 1000.
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Geranium cuttings from plants on bench, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevaliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
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Lonicera, extra strong, $25.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

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HYDRANGEAS, field-grown, dormant plants, suitable for 6-in. pots. OTAKSA, $3.50 per doz., $25.00 per 100. THOS. HOGG, $3.00 per doz., $20.00 per 100. MARIESII, $2.00 per doz., $15.00 per 100. RED BRANCHED, $3.50 per doz., $25.00 per 100. HENRY A. DREER, Philadelphia, Pa.

Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c. Hiram T. Jones, Elizabeth, N. J.

OTAKSA, THOS. HOGG, with 4 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $8.00. JACKSON & PERKINS CO., Newark, New York.

Hydrangea paniculata grandiflora, large, bushy plants, 4 to 5 feet, $3.00 doz.; $15.00 100; $120.00 1000. Andorra Nurseries, Chestnut Hill, Phila., Pa.

Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Hydrangea pan. grand., bushy, 8c. W. H. Salter, Rochester, N. Y.

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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Hardy English ivy, strong, 3-in. pots, $5.00 per 100; $40.00 per 1000. I. H. Moss, Govanstown, Baltimore, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please. Godfrey Aschmann, 1012 Ontario St., Phila.

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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

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Ponderosa lemons, 2½-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

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Lilacs Chas. X and M. Legraye, pot-grown, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

White Lilac, 7 ft., $30.00 to $35.00 100. Cash. Rockville Greenhouses, Rockville Centre, N. Y.

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The finest in the market for early forcing, $1.50 100; $14.00 1000; $35.00 per case of 2500. This stock is unsurpassed. Bruns' extra fine Berlin pips for early forcing, $1.25 100; $12.00 1000; $30.00 per case of 2500. H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley. Selected Dresden. Unequaled for early forcing. No. 1 stock per 100 $1.50; 250, $3.50; 500, $6.50; 1000, $13.00; case 2500 pips, $30.00. R. & J. Farquhar & Co., Boston, Mass.

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Moonvines, blue, 2¼-in., 50c doz.; $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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Otaheite oranges, 2½-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

Cattleya Trianae, established and unestablished. Address Thomas Jones, Short Hills, N. J.

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Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

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Latania borbonica, Areca lutescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100. Walker & McLean, Youngstown, O.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100; $50.00 1000. S. S. Pennock, 1612 Ludlow St., Philadelphia.

Palms. Cocos Weddelliana, 2½-in., $10.00; 3-in., $15.00 1000. The Storrs & Harrison Co., Painesville, O.

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Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

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Peonies. Chinensis—Queen Victoria, double white; Chinensis, double pink; officinalis, double pink and scarlet, $2.00 per doz.; $12.00 per 100, 200 assorted for $20.00. Officinalis mutabilis, double white, $5.00 per doz.; $35.00 per 100. All from 3 eyes and up. From the best Holland growers. This stock is strictly first-class and the prices are right. Frank Kadlec, 177-183 Johnston Ave., Chicago.

Dbl. herbaceous peonies, 2 to 5 eyes. Pink—$1.25 doz., $7.00 100. White—$1.25 doz., $8.00 100. Dark red—$1.25 doz., $7.00 100. Mixed—$1.00 doz., $6.00 100. By mail, add 25c to doz. rates. Johnson & Stokes, 217-219 Market St., Phila.

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Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash. Buckley Plant Co., Springfield, Ill.

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Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00. S. Whitton, 15 Gray Ave., Utica, N. Y.

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Baby primrose, Forbesi, 40c doz., $2.00 100.
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California privet, 2-yr., 3 ft., bushy, $1.00 100; 1-yr., 12 to 20 inches, good, well rooted, 50c 100; Amoor River privet, 2-yr., 3 ft., $1.00 100; 1-yr., 12 to 20 inches, 50c 100. Cash.
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California privet, fine, 5c.
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RHODODENDRONS for EASTER FORCING. A fine lot of bushy plants of early flowering varieties, especially suited for Easter flowering. 18 to 24 inches high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 inches high, $1.50 each, $15.00 per doz., $115.00 per 100.
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Pelargoniums, 15 var., named, $2.25 100. Verbenas, choice named var., 60c 100, $5.00 1000. Petunias, named, dbl., $1.25 100, $10.00 1000. Heliotropes, $1.00 100, $8.00 1000. Salvias, $1.00 100, $8.00 1000. Giant alyssum, $1.00 100. Ageratums, 60c 100, $5.00 1000. Coleus, 70c 100, $6.00 1000. Express prepaid. Cash with order.
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Field-grown La France, 15 to 24 inches, top. Crimson Ramblers, 2 to 3 feet. Both on own roots, fine for forcing or pots, $10.00 100. Express prepaid. Sample 25c. Cash with orders.
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Roses. All the leading varieties in 2x2½ and 2½x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write
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Salvias. Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
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Verbena, Mammoth, sep. colors	.25	1.25
Grevillea robusta	.15	.40
Dracaena indivisa	.10	.25
Phlox Dwarf Fireball	.25	1.50
Phlox Dwarf Snowball	.25	1.50
Salvia splendens	.25	1.25
Salvia Bonfire	.25	3.00
Stocks, Cut and Come Again	.25	3.00
Cosmos, Mammoth mixed	.10	.30
Cosmos, Mammoth sep. colors	.10	.40
Asters, branching mixed	.25	.75
Asters, branching sep. colors	.25	1.00
Lobelia Crystal Palace comp.	.25	1.25
Sweet peas—		Lb.
Salopian, scarlet		$0.35
Countess of Radnor		.30
Boreatton		.25
Emily Henderson		.30
Earliest of All		.50
Mont Blanc		.50
Cape Flowers, 5 lbs., $5.75		1.25

Kentia Belmoreana, 100 seeds, 60c; 1000 seeds, $4.00.
Kentia Forsteriana, 100 seeds, 60c; 1000 seeds, $4.00.
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Flower seed for present planting.	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp. Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, mixed	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

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Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50.
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Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
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Smilax, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 75c 100.
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Spiraeas for forcing. Palmata alba and astilboides, 85c per doz., $5.00 per 100. Stock is strictly first-class.
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Spiraea japonica, strong clumps, $3.00 100.
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Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

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5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

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Bronze or green galax and leucothoe sprays at lowest prices.
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Galax, bronze or green, and small green galax for violets.
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French glass for direct shipment from abroad. Write for quotations.
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Raffia, 15c per lb., $12.00 100 lbs.; bale lots, 10c per lb. Colored, 50c per lb.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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American brand FLORIST FOIL—The standard foil of America.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Wired toothpicks, box of 10,000, $1.50.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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E. H. Hunt, 76-78 Wabash Ave., Chicago.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

HEATHS.—In going the round of the autumn auction sales of pot plants, one gets a good idea of what is being done in the trade. It has been suggested that heaths are not likely to be so much in demand as formerly; but from what I could gather at the sales there is not much falling off at present. In all the big heath-growing nurseries the stock appeared in the best of condition; in some instances the plants may not be set with flower quite so well as when we get brighter weather, yet many were fully equal to anything I have seen in former years. And though they were sold at moderate prices, it was evident that there is still a large trade for this class of plants. Erica hyemalis is grown in the largest quantities, E. gracilis comes next; E. persoluta alba, E. candidissima, E. Wilmoreana, and E. Caffra are all grown extensively; and E. Cavendishi is a favorite, and when well in flower commands good prices. E. ventricosa magnifica is another of the choicer sorts which the market growers now find valuable. Considering the time it takes to make well-finished plants, it is surprising that growers continue their culture of it—at the prices they now make, there can be but little margin left—but it is chiefly owing to the fact that they come in at a time when there is little else to fill the market stands.

CLUB-ROOT.—The principal point to remember is that cruciferous plants can only be attacked by the organism causing club-root during the seedling stage. When a plant is six weeks old it may for all practical purposes be considered to be immune against the attacks of club-root, even if planted in soil containing the germs of the disease. Now those correspondents who from time to time have stated that, after treating the land with gas-lime, cabbages planted in such ground were severely attacked, did not realize that they planted cabbages already infected with the disease; and perhaps they will not believe it now.

DENDROBIUM FALCONERI.—This pretty orchid is not so much grown as its beauty would seem to merit, for it is really one of the prettiest of the genus. It is usually very small and weakly till the flowers appear; then one is really surprised at the size and beauty of the latter. A plant recently seen carried about a hundred flowers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y. Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

BANGS, TEX.—W. J. Schulze, the nurseryman, has a son, born December 18.

WM. E. CHERRY, SR., of Rochester, N. Y., for many years engaged in the nursery business, died December 29, aged 71 years.

PROF. C. S. SARGENT, of Arnold Arboretum, Boston, and his son, A. R. Sargent, have returned from a six months' botanical collecting tour of Russia with more than 8,000 specimens.

TWO nursery agents, E. A. Ogden and B. F. Bonniwell, of Des Moines, have been indicted by the grand jury in Clayton County, Iowa, for "conspiracy to defraud in the sale of nursery goods."

PROF. F. A. WAUGH, of the Agricultural College, Amherst, Mass., addressed the Kansas State Horticultural Society at Topeka, New Year's eve on "Trading Fruit for Money." Prof. Waugh was formerly a Topeka newspaper man.

THE fruit growers of the states just west of the Mississippi have become convinced that the railroads are grossly discriminating against them in the matter of freight rates east. Several nurserymen are members of committees appointed to seek to correct the injustice.

GREENVILLE, N. C.—Oliver A. Schlosser, 30 years old, proprietor of the Millsdale nursery and expert landscape gardener, who came to this state from Massachusetts, has mysteriously disappeared from his home. He left on December 15, promising to return in three days to meet his business associates and has not been heard from since. Some of them fear he has met with foul play, as his business was apparently in excellent shape.

PACIFIC COAST.

PLANT NOTES.

Frost.

Nurserymen all over this section of the coast are asked by intending planters many times a year whether this or that plant shrub or climbing vine is hardy all the year and whether it will stand such frosts as are liable to visit us during the winter months. Many of our customers have spent a greater portion of their lives in the eastern states, where soft-wooded plants will not survive the winter and have to be carefully housed to keep them alive until spring time.

Generally speaking all soft-wooded plants are hardy in central and southern California and many of them in the northern part of this state as well as in Oregon. By this I do not mean that all plants that are natives of the tropics can be acclimated here, but we have made use of a large assortment of the most desirable kinds and they have helped most wonderfully to advertise our grand climate. In the neighborhood of San Francisco can be found in the middle of winter growing luxuriantly the Musa ensete, Ficus elastica, Phœnix canariensis and P. tenuis, Grevillea robusta, hibiscus in various colors, azaleas, pelargoniums and cinerarias. Further south kentias and latanias of giant size, representing many years' growth, are standing witnesses to our salubrious climate.

On Christmas day in the Pacific ocean at San Francisco we had a series of swimming matches while our eastern cousins in the same latitude were many degrees below freezing point. We had several severe frosts in January a year ago but we have had no cold weather to speak of since then. Geraniums lost a few leaves and heliotropes, about the most delicate of our garden plants, were somewhat frost bitten, but with the return of warmer weather in March or April they will come out most beautifully from below the surface of the ground and make a splendid shrub in a very short time. All roses are hardy in California and the most delicate tea varieties attain a wonderful size when planted in the open ground and on account of their freeness of bloom they are more desirable with us than the pure hybrid or hybrid tea sorts. In climbing vines all the passifloras, bignonias, honeysuckles, tecomas, etc., can be safely left outside over winter.

I am writing this on the last day of December and from my window I can count a dozen varieties of plants in the carpet bedding line, namely lobelia, half a dozen varieties of geraniums, three colors of achey anthus, echeverias and alternantheras, and unless we get some very severe weather next month they will carry over nicely with just a little of the young foliage ripped. G.

SAN FRANCISCO.

The Market.

This is New Year's day and although the stores have not had a Christmas rush they have kept comfortably busy. We had a very dull week after Christmas but the price of flowers has not cheapened to any extent. Most of our growers cut so closely last week that many of them have had little to offer. The weather is warm again and in a few days we will have an abundance of stock of all kinds. Carnations are good and the prospects are for a fair supply indefinitely. Fancy stock is quoted wholesale today at from 50 to 75 cents per dozen. This price includes Lawson, Prosperity, Cressbrook, Estelle and other large-flowered varieties. Crocker, Joost and Triumph average about 35 cents and smaller kinds 25 cents per dozen. Roses are still in short supply except short-stemmed Brides and Maids. Good Beauties sell at from $3 to $4 per dozen and short-stemmed flowers at less than half that price. Kaiserin and Pres. Carnot sell at 75 cents to $1 and Liberty at 75 cents per dozen. Plenty of Roman hyacinths, both in pots and as cut blooms, and valley is in good supply. Romans sell at three dozen for $1 and valley at 50 to 75 cents per dozen. Single yellow daffodils are offered in small quantities and sell at 50 cents per dozen. Poinsettias at $2 per dozen and Lilium Harrisii at $3 are in good demand. Violets have dropped somewhat in price during the past week and they can be bought for $1 per dozen bunches. None of them go begging, as the supply has been unusually short this season. Chrysanthemums, owing to the favorable weather, remain with us a remarkable length of time this season. Good outside yellows and whites can be bought today at $3 to $4 per hundred. They are of good color and substance and the indications are that they will be in season for several weeks yet.

Notes.

The Whittlesey Floral Garden, of Los Angeles, shipped a great quantity of poinsettias to San Francisco for the holiday trade. The flowers were received in good shape and the dealers handling them made a handsome profit on the stock.

Clarke Bros., of Portland, Oregon, who grow the bulk of their cut flowers at Fruitvale, Cal., have been having considerable trouble this season with their shipments. The express cars are heated at this time of the year to a degree that is not in keeping with the cool condi-

OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of
Fruits and Ornamentals.
40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.
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PEONIES
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Descriptive Illustrated Catalogue Free.
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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
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Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
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WE ARE ROOTING THIS WINTER OVER

2,000,000 Carnation Cuttings

We have over 1,000,000 now ready for shipment.

White.	Per 100	Per 1000	Per 5000
Queen Louise	$1.20	$10 00	$40.00
Flora Hill	1.20	10 00	40.00
Alba	3.40	30.00	125 00
Wolcott	3.40	30.00	125.00
Los Angeles	3.00	25 00	100.00
Norway	1.20	10.00	40.00
Lillian Pond	5.00	.....	.....
White Cloud	1 00	9 00	35.00
Lorna	1.20	11.00	50.00
Pink.			
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35 00
Genevieve Lord	1.00	9.00	35.00
Argyle	1.00	9 00	35.00
Mrs. Joost	1.20	10 00	40.00
Mermaid	1.20	10.00	40 00
Guardian Angel	1.00	9 00	35.00
Mrs. Higinbotham	2.50	20.00	90 00
Cressbrook	2 50	20.00	90.00
Mrs. Roosevelt	5 00	45.00	200.00
Enchantress	6.00	50 00	.....
Success	4 00	35 00	150.00
McKinley	5.00	45 00	.....
Triumph	1 20	11.00	50.00
Wm. Scott	1.20	11.00	50.00
Dorothy	2.00	15.00	

Scarlet.	Per 100	Per 1000	Per 5000
G. H. Crane	$1.20	$10.00	$40.00
America	1.20	10 00	40 00
Estelle	2 50	20 53	.....
Mrs. Palmer	1.20	10.00	40.00
Apollo	3.50	30.00	125.00
Crimson.			
Harlowarden	$5.00	$45.00	$200.00
Gen. Gomez	1.00	9.00	35.00
Yellow.			
Golden Beauty	$1.75	$16.00	$75.00
Eldorado	1.00	9.00	35.00
Gold Nugget	1.50	14.00	65.00
Variegated.			
Violania (4-inch bloom)	$12.00	$100.00	$450 00
Marshall Field	5.00	45 00	200 00
Tiger (Fancy)	5.00	45.00	200.00
Stella	3.00	25.00	100.00
Armazindy	1 00	9.00	35.00
Viola Allen	3.00	25.00	100 00

25 at 100 rate.
250 at 1000 rate.
2500 at 5000 rate.

All orders are filled promptly.

Unrooted CUTTINGS at half price.

We root over 100,000 a week. Don't believe it? Well, come and see them. A shipment to England arrived O. K. We are now making weekly shipments to a florist in New England whose order amounts to $1,500 00; they are arriving all O. K. Our R. C. Carnations are grown and rooted without fire heat. They are short jointed. We have neither rust, red spider nor stem-rot; they are strangers to us.

Terms Cash or C. O. D., with privilege of examination at your express office.

EXPRESS PREPAID AT ABOVE PRICES.

HYBRID CARNATION SEED of above varieties, mixed ..... **$1.00** per 100; **$9.00** per 1000.

California Carnation Co., Lock Box 103 Loomis, Cal.

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tion flowers must be kept in to insure their delivery in perfect order.

Podesta & Baldocchi report trade with them to be the heaviest they have ever had. This firm handles only first class stock and their display is one of the sights of the town. G.

FROM OUR ENGLISH EXCHANGES.

The Gardening World.

PRIVETS.—The golden oval-leaved privet, Ligustrum ovalifolium foliis-aureis, is one of the most popular and useful for all purposes, being bright in color and with a neat appearance, answering well when closely pruned to form a dense growth or allowed to make a specimen. L. argenteum excelsum, though seldom seen, is one of the most effective, and quite distinct from any of the others. Though not a strong grower, it forms a shapely bush, and the variegated foliage when young is pleasingly suffused with pink. L. ovalifolium argenteum elegans is a somewhat new variety with pale green foliage, edged with light gold, and worthy of a place on account of its distinct variegation and habit.

PRIMULA FORBESI.—This is one of the only two monocarpic or annual species known, which, however, may be perpetuated indefinitely by divisions of the root-stock, but it is questionable if the resultant plants will possess anything approaching the vigor of plants raised annually from seed. When raised from seed, it is advisable to pick out the flower-scapes until the plants have attained their maximum size. It forms neat little plants, producing very freely, in verticillasters, pretty pink flowers.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1.20	$10.00	$ 40.00
Flora Hill	1.20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125.00
Norway	1.20	10 00	40.00
Lillian Pond	5.00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25.00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40.00
Mermaid	1.20	10.00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5.00	45 00	200.00
Cressbrook	2.50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10.00	40 00
America	1 20	10 00	40.00
Estelle	1.50	14.00	65.00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40.00
Apollo	3.50	30.00	125 00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45 00	200.00
Gov. Roosevelt	1.20	11.00	50.00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Gaiety	3.00	25.00	115.00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination;** we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

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YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

WE like the REVIEW better than ever and would not want to do without it—WM. DYER, Three Rivers, Mich.

WE certainly like your paper very much and would not want to do without it.—F. G. MENSE, Glen Cove, L. I., N. Y.

CARNATION CUTTINGS Now Ready.

ROOTED IN THE COLD.

Queen Louise, white	$1.20	per 100.	$10.00 per 1000
Flora Hill, white	1.20	"	10.00 "
G. H. Crane, scarlet	1.20	"	10.00 "
Estelle, scarlet	1.20	"	10.00 "
Mrs. Palmer, scarlet	1.20	"	10.00 "
Mrs. Lawson, pink	1.40	"	12.50 "
Mermaid, pink	1.20	"	10.00 "
Eldorado, yellow	1.00	"	9.00 "
Prosperity, var	1 40	"	12.00 "
Harry Fenn, crimson	1.80	"	16.00 "

Cash with order. **EXPRESS PREPAID.**

THE KNOLL NURSERIES, PENRYN, CAL.

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CINCINNATI.

The Market.

The holidays of 1903 have now passed into history and it is a pleasure to say that they leave nothing but pleasant memories behind them. All in all they brought forth the most satisfactory business we have ever had, with fewer kicks, etc. While New Year's trade was not quite up to what was anticipated, still it was a good increase over last year, and with the exception of long Beauties, everything was sold out by noon of New Year's day. Prices were just about the same as those in force at Christmas.

At the present time the demand is better than is usually seen after a holiday. All grades of stock are eagerly sought after and prices which are but little below Christmas, rule. The supply of roses is good, but carnations still show no signs of an increase in quantity, 'though those coming in are of very good quality. Violets are not doing quite so well as they have been, but still there is no surplus. Some fine Princess of Wales are to be had now and then and there is no trouble in disposing of them.

Both Harrisii and callas are very good property now, there being scarcely enough of them to take care of the demand. Romans, narcissi and valley have been doing very well. At the present time they are scarce. George & Allan, who grew large quantities of this kind of stock, have shipped thousands of each kind to Chicago the past week.

Various Notes.

Cut baby primrose is growing to be quite a flower in this city and there is quite a demand for it. It sells readily at 50 cents per 100 and the supply is not equal to the demand.

We are having a great deal of cold weather, every night the thermometer is very close to the zero mark, and the coal bill is quite a serious item.

Visitors during the past week were: H. C. Scharff, of Van Wert, O., and Henry Dreivie, of Dallas, Tex., who is home during the holidays. C. J. Ohmer.

Sabal Crowns, the very best, per doz., $2.50

Sabal Leaves.....the very best, per 100, $2 50
Fancy Needle Pines, " " " 5.00
" " " " " per doz., 1.00
Magnolia Sprays, extra fine, per 50-lb. case. 2 50
Wild Smilax..... " " " " " 2.00

SOUTHERN WILDWOOD CO., Garland, Ala.
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UNROOTED CARNATION CUTTINGS!

	100	1000		100	1000
Mrs. Lawson	$1.25	$10.00	Prosperity	1.25	10 00
Flora Hill	1.00	7.50	Lillian Pond	2.00	15.00
Queen Louise	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen	2.00	15.00
Fair Maid	1.25	10 00	Enchantress	3.00	25.00
Roosevelt	1.25	10.00	Challenger	1.25	10.00

Carnation Cut Blooms, first class, $2.50 per 100.
All healthy stock.
UTICA FLORAL CO., Utica, N. Y.
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Primroses, Chinese and Obconica

Extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. Asparagus Plumosus Nanus, from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8 00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
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NEW CROP
PLUMOSUS SEED
Ready for delivery about January 15.
Write for prices.

Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000	
Enchantress	6 00 "	50.00 "	
Lawson	3.00 "	25.00 "	
Prosperity	3.00 "	25.00 "	

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Asparagus Plumosus.

2¼-inch pots	$3.50 per 100	$30.00 per 1000	
3 -inch "	6.00 "	55.00 "	

SAMUEL S. PENNOCK,
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Geraniums..
Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.
VINCAS—Variegated, from 3-inch pots, $5.00 per 100.
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Ferns A fine lot of PIERSONI FERNS in 2 and 3-in. pots, ready for a shift; also, 5, 6, 7, 8 and 10-inch, all at low prices. BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-in. Fine Stock. Write —
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Choice stock in 2½-in. pots, $3.50 per 100.
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Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
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For plants or bulbs address
W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.
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Geraniums ....and.... **Carnations**
ALBERT M. HERR, Lancaster, Pa.
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CARNATIONS
STRONG, HEALTHY ROOTED CUTTINGS FROM SAND.

Mrs. Joost	per 100.	$2.00
Marquis	"	2.50
Prosperity	"	3.00
Norway	"	2.00
Crane	"	2 50

Cash with order, when you have it; if not, when you have it.
WM. SCOTT,
Corfu, New York.
Mention The Review when you write.

500,000 Verbenas
60 FINEST VARIETIES.
Perfectly Healthy. Free from Rust.
Rooted Cuttings, 60c per 100; $5.00 per 1000
Plants ..... $2.50 per 100; $20.00 per 1000.
Our list is the choice of millions of seedlings.
Send for Circular.
J. L. DILLON, Bloomsburg, Pa.
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JULIUS ROEHRS,
Grower of
Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.
RUTHERFORD, N. J.
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JOHN SCOTT,
Keep St. Greenhouses, Brooklyn, N. Y.
Headquarters ....for **Bostons**
Fine "PIERSONI" in 2¼-inch pots.
The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.
Mention the Review when you write.

Pansy Plants.
Fine plants.....50c per 100 $2.50 per 1000
PRIMROSES.
Chinese and Obconica, 2¼-in. pots...$1.25 per 100
Asparagus Sprengeri, 2-in. pots. 1.50 "
JOS. H. CUNNINGHAM, - Delaware, Ohio.
Mention the Review when you write.

Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO, ILL.
Send for Price List on all
Palms and Ferns
Mention the Review when you write.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

ellow—Gold Nugget, $2.50 per 100; $20 00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	2.00	17.50
Dorothy	2.00	17.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
White—		
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00
Rooted Rose Cuttings—		
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Perle	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO.**

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
Mention the Review when you write.

CARNATION SPECIAL.

READY TO GO OUT OF CUTTING BENCH.

	100	1000
35,000 Gov. Wolcott, undoubtedly the best white	$3.50	$30.00
25,000 Enchantress, undoubtedly the best light pink	5.00	45.00
25,000 Lawson, one of our favorites.	3.00	25.00
15,000 Palmer, about as good as any red	$3.00	$25.00
Harlowarden	5.00	
Higinbotham	4.00	
Prosperity	3.00	
Lillian Pond	5.00	

Fine stock mums of Merry Christmas, Murdock, Chadwick, $1.00 per doz.; Liger, Richardson, Yel. Eaton, $1.50 per doz.

POEHLMANN BROS. COMPANY, Morton Grove, Ill.
Mention Review when you write.

PARTRIDGE

—HAS—

"NELSON FISHER"

—AND—

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. "**Nelson Fisher**" has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12.00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,
"Bloomhurst," Station R. CINCINNATI, O.

Mention the Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention the Review when you write.

CARNATIONS -- Rooted Cuttings.

JANUARY and FEBRUARY DELIVERY.

	Per 100	1000
Nelson Fisher	$12 00	$100 00
Mrs. Patten	12 00	100 00
The Belle	12 00	100.00
Lady Bountiful	12.00	100.00
Flamingo	12 00	100 00
Adonis	8 00	70 00
Enchantress	6.00	50.00
Boston Market	4.00	35.00
Fair Maid	4.00	35.00
Gov Wolcott	4.00	35.00
Pres. McKinley	3.50	30.00
Nelson	3.00	25.00
Estelle	3.00	25.00
Floriana	3.00	25 00
Innocence	3 00	25.00
Prosperity	3.00	25.00
Gaiety	$3.00	$25.00
Stella	3.00	25.00
Lawson	2.50	20.00
Morning Glory	2.50	20.00
Glacier	2 50	20.00
Marquis	2 50	20.00
Dorothy	2.50	20.00
Gov. Roosevelt	2.50	20.00
Joost	2.00	17.50
Lorna	2.00	17.50
Norway	2 00	17.50
Maceo	2.00	17.50
Gomez	2.00	17.50
Success	2.00	17.50
Triumph	1.50	12.50
White Cloud	1.50	12.50

GERANIUM CUTTINGS

From plants on the bench, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin.

CHRYSANTHEMUM STOCK PLANTS.

Halliday, R. H Pearson, Viviand-Morel, Col. Appleton, Timothy Eaton. Fee de Champsaur, White and Yellow Jones, Princess Bassarabba, Malcolm Lamond, Mrs. Perrin, Bonnaffon, $8 00 per 100. Chadwick, Marie Liger, Louis Leroux, Berlioz, Baden-Powell at $10.00 per 100. Park at $5 00 per 100.

BOSTON FERNS.

7-inch, $1.00 each; 8-inch, $1.25; 9-inch, $1.50.

Cash or C. O. D.

W. J. & M. S. VESEY - FT. WAYNE, IND.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of SLINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write.

NEW BEDFORD, MASS.

Christmas is past and florists all report a good business. Violets were a little scarce, but other flowers were enough to go around. Plant trade was very good, azaleas, cyclamens, primroses and cherry trees being the most called for.

E. S. Haskell reports the largest business on ferns and palms he ever did; says he cleaned out of everything.

E. H. Chamberlain says he had the best business he ever did.

Wm. Pierce did ten per cent better than last year.

R. E. Nofftz is gathering the fruits of his trip abroad the past summer. Dick bought heavily of bulbous stock, azaleas, etc., and is shipping them everywhere, having a good deal more than what the local market can handle.

The next meeting of the Florists' Club will be with R. S. Noxie, at Mattapoisett, Thursday evening, January 14. Members are to leave on the 7:20 car and by request of Mrs. Noxie don't eat your supper before going.

Thos. Meade, of Jos. Breck & Sons, Boston; John Kelley, of Geo. A. Sutherland, and Mr. Bryant, of A. H. Hews & Co., were recent visitors. C.

DES MOINES, IA.

The holidays are over and from what information I can gather there was little money made by anyone in the trade at this place.

On January 2 the Morris Blair Floral Co. filed articles of incorporation, with a capital stock of $5,000. W. L. Morris, president; R. L. Blair, vice-president; W. E. Kemble, secretary and treasurer. We have not heard how this will affect the two growers, Julius Ledig, with R. L. Blair, and J. F. Marshall, grower for W. L. Morris. J. T. D. F.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention the Review when you write.

STOCK MUMS Strong and Well Furnished

White: Kalb Queen, Bergmann, Robinson, Willowbrook Ivory, Eaton, Pink, Pacific, Shaw, Dean, Perrin, Superba, Lavender Queen, Yellow, Whildin, Wedding, $5.00 per 100. Chamberlain and White Bonnaffon, $10.00 per 100.

Rose Cuttings—American Beauty, $3.00 per 100; Bride, Ivory, Gate, Maid, Meteor, $1.50 per 100; Brides from 3-in. pots, $4.00 per 100; $37.50 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

Mention Review when you write.

Indianapolis!

The Best Bright Pink Carnation in Sight... It Never Bursts.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

Come and see it growing.
You will want to grow some of it yourself.

$2 50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH, 330 W. 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

BEGONIA Gloire de Lorraine

Strong, healthy plants, in 2-inch pots, $12.00 per 100.

Hardy English Ivy,

Strong, 3-inch pots, $5.00 per 100; $40.00 per 1000.

I. H. MOSS, Govanstown, Baltimore, Md.

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, finest purple, lavender, white and pink sorts, named, 2 year, at 18c; 1 year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii, 2 year, 8c; second size, 5c. Hydrangea Pan. grand, fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.

Mention the Review when you write.

New Carnations

All of the leading new varieties of 1904 at introducers' prices. The best of last year's varieties and other standard kinds **Now Ready**

NEW CHRYSANTHEMUMS

Novelties of 1904 and other desirable kinds.

Write for preliminary price list, ready Jan. 10th.

H. WEBER & SONS, Oakland, Md.

Mention the Review when you write.

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000

Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Always mention the Florists' Review when writing advertisers.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000: 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong select stock, 3-inch, $10.00 per 100: 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write

BREAD and BUTTER CARNATIONS

Here are the varieties you want and we can supply you strong R. C., guaranteed free from all disease.

	100	1000
Pink.		
Enchantress	$5.50	$50 00
Nelson	3 50	30.00
Lawson	2 25	20 00
Inquirer	2.50	
Dorothy	2.50	
Joost	1.75	15.00
Marquis	1.75	15.00
White.		
Gov. Wolcott	3 50	30 00
Boston Market	3.50	30.00
Innocence	2.50	22.50
White.		
Glacier	$1.75	$15 00
White Cloud	1 75	15 00
Flora Hill	1.75	15.00
Scarlet.		
Crane	2.00	18 00
Apollo	3.50	30 00
Estelle	3 50	30.00
Crimson.		
Harry Fenn	3.50	30.00
Variegated.		
Prosperity	2.00	18 00

Geraniums—Best semi-double bedders in scarlet, pink, white, salmon, strong R. C., $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100.

Smilax—2¼-inch (Special Price), $5.00 per 1000.

— CASH —

THE W. T. BUCKLEY PLANT CO.

Mention the Review when you write.

CARNATIONS -- Rooted Cuttings.

JANUARY and FEBRUARY DELIVERY.

	100	1000
White.		
Her Majesty	$5.00	$45.00
Lillian Pond	5.00	45.00
Penelope	5 00	45 00
Murphy's White	4.00	30.00
Gov. Lowndes	6 00	50 00
Gov. Wolcott	5 00	40 00
Alba	5.00	40 00
Flora Hill	2 00	15.00
Norway	2 00	15 00
White Cloud	2.00	15 00
Queen Louise	2.00	15.00
Pink.		
Enchantress	6 00	50.00
Sibyl	5.00	40.00
Pres. McK'l'y	6.00	50 00
Mrs. Lawson	2.50	20.00
Cressbrook	4.00	30.00
Nelson	4.00	35.00
Dorothy	2.50	20.00
Pink		
Ethel Crock'r	$2.00	$15.00
Higinbotham	4.00	30 00
G. Angel	2.00	16.00
Scarlet.		
Estelle	3.00	25.00
Mrs. P. Pal'er	3.00	25 00
G. H. Crane	2.50	20.00
America	2.00	15 00
Apollo	5 00	40.00
John Manley	4.00	30.00
Crimson.		
Harlowarden	6 00	50.00
Harry Fenn	5.00	40 00
Gov. Ro'sev't	3.00	20 00
Variegated.		
Marsh'l Field	6 00	50 00
Prosperity	2.50	20.00
Gaiety	3 00	25 00
Mrs. Bradt	3 00	20.00
Tiger	4.00	30.00

Also write for prices on 1904 varieties.
Cash with Order.

The Hill City Greenhouse, FOREST CITY, IOWA.

Mention the Review when you write.

Carnation Cuttings

We now have ready good well-rooted Cuttings from the following varieties:

	100	1000
Enchantress	$6 00	$50
Fair Maid	3.00	25
Fragrance	6.00	50
The Queen	6.00	50
Boston Market	4.00	30
Gov. Wolcott	5.00	40
Bradt	3.00	25
Prosperity	2 50	20
Eldorado	$2.50	$20
Manley	4 00	30
Adouis	4 00	30
Lawson	2.50	20
Joost	2.50	20
Harlowarden	6.00	50
Harry Fenn	5.00	40

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100 00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. **BILLERICA, MASS.**

Mention the Review when you write.

Geraniums and Miscellaneous Stock.....

From 2½-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii"	40c	2.00
Coleus, 15 varieties....per 1000. $15 00,	40c	2.00
Chrysanthemums. Hardy Pompon, list of over 100 varieties now ready. Ask for it. Orders booked now for spring delivery.		
Forget-Me-Nots, large flowering	45c	3.00
GERANIUMS, such varieties as Centaur, Gulean M. Gill Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant Queen of the West, Single Gen. Grant, etc	40c	2.00
Grasses, Erianthus Ravennae, Eulalia Striat a, Gracillima Univittata and Japonica Zebrina		$5.00
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2 00
Hibiscus, in assortment	60c	4.00
Holt's Mammoth Sage, per 1000 $15 00,	40c	2.00
Lemon Verbena....per 1000, $20 00	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Smilax....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2 00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2 50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, JR. & SON, White Marsh, Maryland.

Mention Review when you write.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.

$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37 - 39 RANDOLPH ST., CHICAGO.

Mention the Review when you write

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery.

$1.25 per doz.; $8 00 per 100; $70.00 per 1000.
Also Rooted Cuttings of Enchantress, $6 00 per 100. **G. M. NAUMANN,** 1537 Doan St., Cleveland, O.

Mention the Review when you write.

...ROSES...

We grow over 100 000 annually for the trade of the following varieties:

	r. c.	2x2½-in. pots	2½x3-in. pots
Meteors	$1.50	$2.50	$3.50
Brides	1.50	2 50	3 50
Maids	1.50	2.50	3 50
Perles	2 00	3 50	4 50
Ivory	1 50	2 50	4 50
LaFrance	2.00	3.00	4 00
A. V. Kaiserin	2 00	3 00	4.00
Woottons	2.00	3.00	4 00
Belle Siebrecht	2 00	4 00	5.00
President Carnot	2.00	4.00	5.00
Golden Gate	2.00	4.00	7.50
American Beauties	3.00	6.00	8.00
Liberty	5.00	10.00	....

We believe in shifting young roses often. All stock offered in 2½-in. pots have been shifted from 2-in. and are equal to most stock advertised as 3 in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Ivory is a money maker. Be sure and include a few in your order. Send 50c or $1.00 for samples of anything you may want, then you see exactly the stock you are ordering.

GEO. A. KUHL, - Pekin, Illinois.

Mention Review when you write.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2 00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

Mention the Review when you write.

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12.50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2 00 per 100; $15 00 per 1000.

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

CARNATION CUTTINGS

	Per 100	1000
Enchantress	$6.00	$50.00
Queen	5.00	40 00
Lillian Pond	5.00	45 00
Prosperity	2.50	20 00
Lawson	2 50	20 00
Cressbrook	2.50	20 00
Challenger	$2 50	$20.00
Fair Maid	3 00	25.00
Harry Fenn	5.00	40 00
Gen. Maceo	2.50	20.00
Queen Louise	2 00	15 00
Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention the Review when you write.

WIRE DESIGNS MADE UP-RIGHT

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

MANUFACTURERS.

.....CATALOG ON REQUEST.

Mention the Review when you write.

TORONTO.

The Christmas Trade.

Christmas over, we have now time to reflect upon the amount of business we did and the amount our neighbors did; especially do we note the reflective mood on what our neighbors did. On the whole, the flower trade of Toronto surpassed other years by a considerable margin. This is very encouraging, considering the reports of the stagnant condition of trade in some other lines, of what are known as luxuries.

The supply was pretty well up to the demand, while in some lines we noticed a considerable shortage, on single violets, red carnations and good red roses. Colored carnations were scarce all around, the supply of white being much heavier than colored. We don't think any wholesaler filled all his orders, but the retail men of the city and in fact all Canada would be terribly disappointed if they received their orders filled in full at this time of the year. It has got to be a custom to order about twice as much as you want, expecting the wholesale men to ship you a certain percentage of your orders.

H. G. Dillemuth, of Dunlop's, reports his sale considerably in advance of other years, and accounts for part of this for the large advance sale of bells, fancy baskets, etc., but reports his chief shortage in good roses.

Chas. Tidy, of S. Tidy & Son, who perhaps has the most conservative trade, reports very favorably on Christmas and the sales between Christmas and New Year's far surpassed the same week last year.

J. S. Simmons reports a busy day before Christmas, having taken in $500 more than the same day last year.

W. J. Lawrence reports brisk trade in plants. He had a quantity of fine poinsettias in pans, which sold well. Also red tulips and single daffodils.

Jay & Son report their old time brisk Christmas trade, their shortage being good colored carnations.

Wm. Hill, on Younge street, who conducts an extensive business in plants and flowers, reports sales quite up to expectations, and had to refuse many customers Thursday afternoon.

Quite worthy of mention were a quantity of poinsettias sent in from the Georgetown Floral Co., which were, without exception, the finest seen on the Toronto market for some time. D. J.

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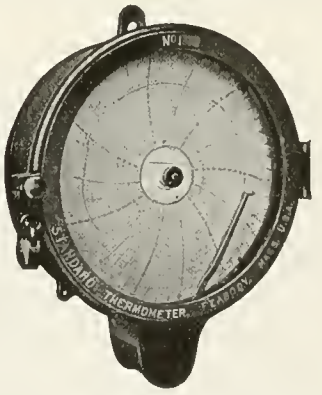

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CONVERSE GREENHOUSES, Webster, Mass.

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GRAND RAPIDS.

The Market.

The weather previous to Christmas was cold, extremely cloudy and snowy, just as unfavorable for cut flowers to blossom as could be imagined. Flowers were scarce, especially red carnations and red roses. The supply itself was larger, fully thirty per cent or more, than it was last year on account of the increased glass area; otherwise business was about the same as last year, everything selling out close in the cut flower line.

In plants, the supply was less than last year, and was totally inadequate to the demand. There were cyclamens, primroses, poinsettias and Christmas peppers, poinsettias in pans selling the best. Boston ferns came next in popularity, with occasional palm and decorative plant sales.

American Beauties, high as was the price, were in short demand. The demand for red was persistent, soon exhausted, then customers were content to use pink and in many instances white, instead.

Shipping was especially heavy and steady up to Christmas morning, and taxed the resources of the growers.

Violets were the only flower in abundant supply, and they did not sell as freely as in former seasons. Holly was as usual very popular and the fad of hanging a holly wreath tied with red ribbon in each front window still holds sway. Every grocery store almost in town had holly to sell. Brown's seed store handled several carloads of the article, doling it out to the stores and florists as well. Very little mistletoe was sold, although it was retailed down town at 20 cents per pound. This year it was in better shape than ever seen here before, being well berried.

The shipping continued brisk through New Year's day, although not like Christmas. A brisk demand for funeral flowers kept even the short-stemmed roses and broken off heads of carnations from going to waste. G. F. C.

LAKE GENEVA, WIS.—A break in the boiler at the private greenhouses of H. G. Selfridge did considerable damage to the houses and resulted in a heavy loss on the stock.

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" No. 3	4x8x18....	2.50	"	23.00	"
" No. 4	3x5x24....	2.75	"	26.00	"
" No. 5	4x8x22....	3.00	"	28.50	"
" No. 6	4x8x28....	3.75	"	36.00	"
" No. 7	6x16x20...	5.50	"	54.00	"
" No. 8	3x7x21....	3.00	"	28.50	"
" No. 9	5x10x35...	6.50	"	62.00	"
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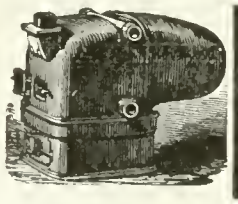

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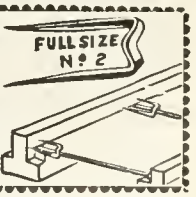

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G. L. GRANT, EDITOR AND MANAGER.

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J. AUSTIN SHAW, Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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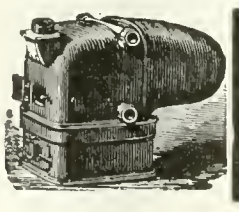

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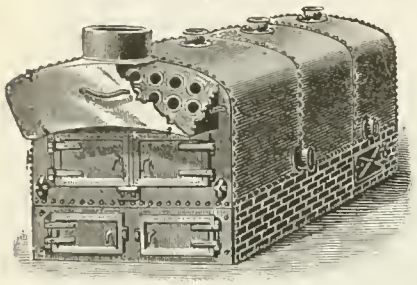

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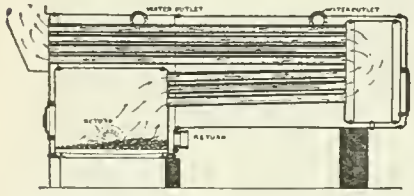

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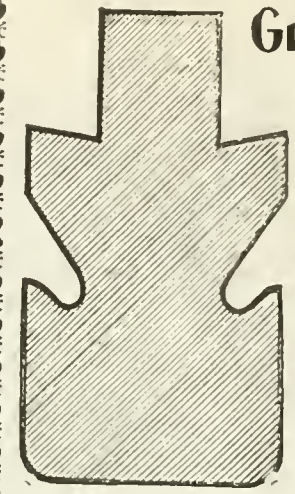

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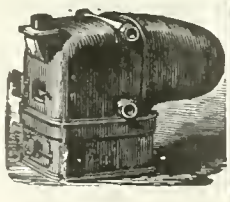

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, JANUARY 14, 1904. No. 320.

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Her Majesty, white	5 00	"	45 00	"	Mrs. Higinbotham, light pink	4 00	" 30 00 "
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Pres. McKinley, dark pink	5 00	"	45 00	"	**NEW VARIETIES for January Delivery:**		
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Gov. Wolcott, white	5 00	"	40 00	"	Moonlight, white	10 00	" 75 00 "

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300-308 Dearborn St., CHICAGO.

BEGINNINGS IN DESIGN...

THE WREATH.

The Principle of Design.

While the general principles of design laid down in the previous article apply to the wreath as well as to other pieces, there are some variations of detail with each. These principles simplified may be restated here. First, there must be a uniform background. Second, flowers not used in filling in should be cut with respect to the natural bend of the stem. Third, clusters or sprays should be arranged systematically according to the natural relation one to another of the flowers to be used. Fourth, flowers used for construction are, of course, not subject to the foregoing principles.

To some designs these principles may be applied with less strictness than with others; for instance, a wreath is more easily distinguished than an anchor. It is a suggestive design, while the anchor assumes to be a representative design. Give the wreath the general trend of a circle, and looseness of arrangement and detail will not hurt its symmetry and character. There are no sharp outlines or strict design lines in it.

A Loose Arrangement.

Unlike the pillow, it should not be made solid, nor must it be heavy or massive. To get into the original intention of the wreath, study the classic original, as seen in the old paintings and statues, and its adaptations in modern ornament. You will find that it consists of two branches of laurel fastened together with short ties at the broad side. The two narrow ends barely meet at their extremes.

A version of the classic wreath in modern dress appears in the first illustration. This is a loose wreath made without a frame. It is composed of two long, tapering clusters of roses, the two corresponding ends being fastened together. Cross the stem ends first. Trim off the surplus stems and foliage, tie with wire, and insert the ribbon ends without tying. Draw the tip ends of the clusters together gently and run a slender wire across under the buds, tying them together and completing the circle. The flowers that bend naturally to the right should be placed on the left side of the wreath, and vice versa. See that the clusters are long, slender and flexible.

This is a primitive wreath. We have not improved on the classic Greeks yet. If you can persuade a customer to use a wreath like this, instead of a tacky little eight or ten-inch frame wreath you have accomplished two things—saved time and unnecessary work and given real art an uplift in your community.

Wreaths on Wire Frames.

You cannot accomplish much in the way of arrangement under a twelve or fourteen-inch wreath. Discourage the use of all small designs on frames. They are neither profitable nor artistic.

For a wreath made on a wire frame, first line and fill the frame, as was done for the pillow. Cover the frame on the upper side with wood ferns, smilax, asparagus or other such material, after it is stuffed with sphagnum, only cover it well. If only medium size is used, the No. 36 wire wrapping which holds the green covering in place will also hold the sphagnum in. You now have a plain green background on top, bottom and sides of the piece, and it will not be necessary to use any flowers for construction. Green, by the way, is nature's own background. We would do well to use more of it for design backgrounds.

In the second illustration of the finished wreath, all the flowers were cut and stemmed according to the principles of measuring the characteristic stem, except the heliotrope, which is used as a band in place of a ribbon tie. The arrangement is a free adaptation of the simple classical wreath in the first cut. The simple sprays of the original wreath are widened and elaborated; that is, the finished design has that effect. In reality the flowers are stemmed separately and inserted as in the pillow spray of roses, to imitate the classical wreath clusters. The larger the wreath, the more freedom can be used in the placing of the flowers.

Details of the Design.

There is another variation from the original design to be noted in this wreath. The left hand cluster is larger than the right. It extends from the top around to the lower side and a little on the right side. The two clusters are bound together by a band of heliotrope over the heavy ends of the clusters. The edges of the wreath are lightened by a few sprays of swainsona and plenty of Asparagus Sprengeri, which is used on both the inside and outside edges, and once across the top of the wreath, leaving an end hanging over the edge at the right side. The strong shoots of Sprengeri are easily inserted anywhere in the frame, without stemming. The few tips of wood ferns visible about the edges are part of the background, which strayed out of place of their own accord, and give a welcome touch to the finished piece.

A Classic Wreath of Roses.

Widen the Frame.

When frames of larger diameter are used, increase the width of the frame beyond what the wire worker has done. Stiff sprays of green like asparagus trained along the edges widen the frame

and support the flowers that hang over the edge. You may find occasionally in using flowers the stems of which are several inches long, that when the piece is set upright some of the flowers may fall too far out of place. When this occurs, lay the flowers back in place and tie near the tip of the stems over the frame with fine wire.

The heliotrope is cut about three inches long, stemmed as the roses would be, and inserted through the stem ends of the roses and carnations, down into the moss, where the two clusters seem to cross, just like a band.

Attention to Color.

The color scheme here is a predominance of pink from dark to light and finally into white. A decided pink is found in the Bridesmaid roses, shading into the pink of the Morning Glory carnation, and then into Golden Gate roses, and from that into the creamy white of the Ivory rose. The heliotrope band gives the needed contrast. The late outcries against the use of mixed colors and the fad for the use of one color are only the natural consequences of carelessness in coloring. But this is a subject so important as to demand treatment by itself.

Mounting the Piece.

If a wreath is to be mounted, there are two resources, a standard on a base, or an easel. For a large wreath a bamboo easel is to be preferred. For a small one, your wire worker can provide a heavy wire easel, gilded, which needs no further ornament.

If a standard and base mounting is wanted, guild the standard and line and fill the base with sphagnum, when filling the wreath frame. Spread wood ferns or any convenient green over the top of the base so as to cover it entirely. Stem stiff, strong flowers of various lengths and insert so that most of them will stand upright. Let a few reach almost up to the wreath. Some should be allowed to droop around and out of the edge of the base. Have plenty of green stemmed and inserted among the flowers. Spread out the base as much as possible. The larger the base appears to be, the more natural and easy the poise of the piece will be. This is true of all designs mounted on bases.

This is only one of the many variations of which the wreath idea is capable. Every designer should be able to invent his own with time and experience.

Gertrude Blair.

A Free Adaptation of the Classic Wreath.

McKINLEY DAY.

It is well to remember that January 29 is now known as McKinley day and that last year on that date the call for pink carnations exceeded the supply. Such is not likely to be the case this year, for the reason that crops will be at their height in almost all sections of the country, but the retailers can turn the day to good account by a little advertising to remind people that it is the anniversary of the birth of the martyred president, whose favorite flower was the pink carnation. Tell your local newspapers to remind their readers of the anniversary and the significance of the flower in the coat lapel that day. Put a sign in your window a few days before. But when the call for flowers comes, don't put the price too high. With a little fostering care January 29 can be made a great day for the carnation, but nothing would be more injudicious at the present time than to put prices above the ordinary.

FROST ON SHOW WINDOWS.

As an excellent remedy against the freezing of show windows, the Pharmaceutische Zeitung, a German publication, recommends the application of a mixture consisting of fifty-five grains of glycerin, dissolved in one liter of sixty-two per cent alcohol, containing, to improve the odor, some oil of amber. As soon as the mixture clarifies, it is rubbed over the inner surface of the glass. This treatment, it is claimed, not only prevents the formation of frost, but also stops sweating.

RETAIL ADVERTISING.

The Sunday before Christmas S. A. Anderson, the well known retail florist of Buffalo, surprised his competitors by blooming forth with full page advertisements in the leading newspapers. For some incomprehensible reason it is not the custom for retail florists in most cities to make use of the advertising columns of the daily papers, much less to use full page spaces. But it is indisputable that the newspapers can be used to advantage and to greater advantage than any other method of reaching the people. If glove stores, candy stores and cigar stores, to say nothing of those handling a greater variety of wares, can use the daily paper profitably, particularly at holiday times, why not the retail florist? That is what Mr. Anderson thought, and after he has tried it, this is what he says about it:

"I send you under separate cover copies of three papers containing my Christmas advertisement. The Sunday Times full page cost me $100; the Morning Express, December 21, $125; the Evening News, $90. The price of a full page of space in the latter is $325, so I only took a small space. In all $315 was spent for advertising.

"To begin with, I want to say that in former years I have bought tickets for all kinds of entertainments, balls, etc., also advertised in theater programs, using some small spaces in daily papers and a number of other periodicals, making an outlay of some $400 or $500 a year. A year ago I decided that I would refuse to take tickets or advertise in any programs or periodicals whatever, and told every solicitor for them that I did not advertise at all and no argument could induce me to buy, so was prepared to spend the sum I have mentioned and still have it cost me less than I have paid for advertising in former years.

"The final question comes, Does it pay? I would say yes, it does pay, but fully believe that there is more money wasted in advertising than is made, but the fault lies with the advertiser. One advertisement that everyone will read and talk about is worth more to the business than years of advertising that nobody reads and nobody cares about. After my big Christmas advertisements appeared, people who knew me said to me: "I guess you must be doing a large business to afford such advertising." Others asked how I could afford it. Still others discussed the advisability of it. In all discussion the prominent fact stood out that it was a good advertisement and made people talk, and that is what I wanted.

"I do not know if it paid. My sales for December were greater by twenty-five per cent than the year before. It may be they would have been as great if I had not advertised. I might state, however, that we received orders from London, England, from the Philippine Islands as well as from a number of near-by towns, and we shipped poinsettias to New Mexico and carnations to Nova Scotia, begonias to Philadelphia,

violets to Chicago, roses to New York and azaleas to Boston.

"Altogether I would say that it pays to advertise, but do it so people will be impressed." S. A. ANDERSON."

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Conard & Jones Co., West Grove, Pa., submit for registration the new hybird orchid flowering canna, Louisiana, a seedling of Pennsylvania; flower vivid scarlet, very large, measuring seven inches or more across; foliage large, glossy green, distinctly margined with a purple band; early and free-flowering.

John Scott, Brooklyn, N. Y., submits Nephrolepis exaltata Scotti, a sport from N. exaltata Bostoniensis, dwarf, dense and compact in habit; fronds arching, rarely fertile; midrib reddish brown; foliage leathery.

WM. J. STEWART, Sec'y.

ROSES.

Care of Young Stock.

As soon as the cuttings have acquired roots of half an inch in length they should be potted without delay. Any dallying with this work means a weakening of the young stock, there being no nutritive properties in the sand to sustain a growth which, if allowed to start, must of necessity be of a very poor quality. The roots also soon lose that fresh and plump appearance and become brittle and lifeless. Every day they are allowed to remain in the sand after the roots are formed has a very deteriorating effect which is certain to affect the plant more or less in after life.

The soil for the first potting should contain little or no manure nor any chemical fertilizer, the young plant requiring no other sustenance than that supplied by good natural loamy soil, which must be finely pulverized, so that the young roots may the more easily assimilate the life-giving elements.

Two-inch standard pots are large enough, as these, if the soil is firmly packed, can absorb just about the proper amount of moisture to sustain the young plant, leaving no surplus to cause sourness.

The roots should be placed so that they will be about two-thirds from the bottom of the pot and leaving ample room to accommodate water at the top. The first watering should be done carefully, so that all the soil in the pot may be equally moistened. This can be accomplished by sprinkling them gently several times, taking care not to get them into a muddy condition.

These young plants should now receive the best of care and attention as it is at this stage that the least neglect will cause a check from which they rarely recover. They should be placed in a temperature of 56 degrees and given the lightest and most airy position in the house.

Those who have no regular stock house and are forced to throw out some part of a crop to make room, are frequently tempted to discard those benches which are at the time the least productive and these usually occupy the darkest and least airy part of the house. It is folly to expect young stock to thrive and do well where the older plants have failed. Give them the best to get a fair start in life.

An inch of screened ashes on the bench makes an ideal bed on which to place the pots as the drainage is perfect and earth worms avoid this material so long as it is fresh.

They will require shading during bright sunshine for the first week but this should be removed just as soon as the sun ceases to shine on the bench, as the more light they get so much sooner will root action commence. On bright days they should be syringed morning and afternoon—this prevents the ravages of red spider and encourages the eyes to break freely.

Due care in ventilating and discrimination in the use of water at this period are absolutely necessary in order to produce hardy, healthy and stocky plants, the only kind that will ever repay the care bestowed on them. RIBES.

THE BUFFALO SUNDAY TIMES. 31

ANDERSON——FLORIST——440 MAIN ST.

CHRISTMAS FLOWERS!

ANDERSON, FLORIST

A pleasure to show you everything—even if you do not buy. Fascination and inspiration no matter where you turn at Anderson's—the store is a perfect bower of beautiful flowers and radiant with Yule-Tide cheer.

WHAT Gift is more esteemed by people of refinement, lovers of all things beautiful and rich, than a handsome plant, a box of choice cut flowers, a fern for a centerpiece, or graceful palm. Flowers are appreciated by everyone, and nowhere in this great city of ours can such a profusion of floral loveliness be found.

Cut Flower Prices — Remember our Prices are the Lowest in town
Roses, per doz. $2.00 to $5.00
American Beauties, per doz. $6.00 to $18.00
Violets, per 100. $3.00 and $4.00
Lilies of the Valley, per bunch of 25. $1.50
Carnations per doz. $1.00
Narcissus, per doz. $1.00
Hyacinths, per doz. 75c

Violets — Sweetest of all the Christmas Flowers — a magnificent gift for a lady and sure to be long remembered. Leave your order early and be in time.

Lilies of the Valley — One of nature's dainties—much in vogue in New York and closely rivaling the ever popular violet—they are bound to be the fashion this winter.

Roses — Their popularity never wanes. We have them in all their beauty and at prices none can match in Buffalo. Orders can be left at the Main Street store or Greenhouse 121 Linwood Ave.

Carnations — Fashion and good taste go hand in hand when choosing carnations as gratuities. A great display at ANDERSON'S store.

Narcissus — In all their unsurpassed stateliness—they give that high born, haughty air so accommodating to the floral world.

Mignonette — Always sweet and charming. To buy roses is to buy a bunch of mignonette—it is a delight in itself.

Store, 440 Main Street. ANDERSON'S Green Houses, 121 Linwood Ave.

Buffalo's Floral Wonderland

ENDURING GIFTS THAT ARE ALWAYS POPULAR!

BOSTON FERNS — In Pans and Jardinieres

Fancy Baskets of Plants — To Be Appreciated They Must Be Seen

Rubber Plants, Palms — Charming Gifts and Always Welcome

XMAS Order by Phone GREENS Flowers expressed or Telegraphic orders forwarded to all parts of the United States and Canada. Agents in all principal cities HOLLY Order by Phone LAUREL

Azalea Indica — A favorite plant always doubly so at Christmas, and when trimmed with Porto Rican Moss the effect is very pleasing. All colors. Prices $2 to $5.

Primroses — Another popular plant its delicate beauty wins the heart of everyone. All colors. Prices, 50c and 75c.

Cyclamen — A beautiful, familiar plant that meets with generous approval. Come in and see them, it is worth your while. Prices, 50c, 75c and $1.00.

MISTLETOE — Both English and Domestic.

Christmas Wreaths and Roping of Laurel and Ground Pine.

CHRISTMAS BELLS OF IMMORTELLES.

Poinsettias — Flaming red. A Christmas plant, truly. A gift not soon forgotten and when decked with ribbons none could be more pleasing. Prices $1.00 to $4.00.

Begonias — In Pink, Glory Lorraine — a hardy, lasting and beautiful plant, well worth a visit to our store to see them. Prices $1.00 to $3.00.

Our Suburban Friends — Can order with the greatest confidence—all plants and flowers will be so shipped as to insure their safe arrival. The store is conveniently located near the corner of Court St., the starting point for both Niagara Falls and Lockport cars. Mail and 'Phone orders promptly filled.

ANDERSON——FLORIST

OPPOSITE SOLDIERS' MONUMENT. H. A. ADAMS, Associated.

The Page Advertisement Published in Buffalo Newspapers by S. A. Anderson.

TROUBLE WITH ROSES.

My roses for some reason do not do at all as they ought. They were planted in June, the soil very heavy. They started out very well but when cool nights in August came they got a check in some way, which gave them a bad dose of mildew. Since I got them out of this they have never worked as they should. Thinking the soil was too poor I gave them a light mulching the first of September, but it was of little benefit. In October they started with a good crop and I gave them wood ashes, also lime about every fifteen days. I slake the lime to a powder in a box, scatter it lightly on the bench and water it in, right away. Is that right? The water is pretty hard. I gave them another mulching last month. Now the plants are large and I have cut a fair crop, but in general the stems are short and weak, also a lot of blind wood. The plants seem very hard and the wood is turning brown. The new breaks are a pale green and in some places the buds don't open properly. The foliage is a dark green, healthy color. The soil seems to be all right. The houses are run at from 55 to 60 degrees at night, 70 to 74 by day and freely ventilated. I send a sample plant. What is the trouble? E. F. H.

The wood and buds reached me in such a withered condition that it was practically impossible to detect any disease, even if it had been present, so that I must rely entirely on the data as given in the letter. The conditions described can result from various causes. While the general treatment seems to be along the right lines, there is without doubt some

special cause which produces such results. The fact that the foliage is of the proper color is evidence that the system of watering is not at fault.

The excess of blind wood can be accounted for in two ways; viz., by using deteriorated stock, which is a most fruitful cause. That this is the cause is partly confirmed by the young growths being of such a weak color. This would also account for the buds failing to properly develop. Improper cutting of the flower stems will also cause blind wood; where too many eyes are left they usually are too weak to produce buds.

The correspondent fails to mention the component parts of the mulch. The condition of the Bride buds as described would lead to the inference that there must have been an excess of ammonia in the food supply. This is easily produced by using bone and lime in combination or by using horse manure in the mulch. As regards lime it may be possible that there is already an excess of it in the soil and as the water is hard there may be an excess there also, so it might be well to be careful in the use of that material.

There is always danger in the use of wood ashes, they being of such a concentrated nature that the plant is not ready at all times to benefit by their use; use them sparingly, especially on weak stock.

Be sure that the soil on the bench moistened to the bottom and not merely on the surface under the mulch. Try a gentle stimulant in the form of liquid made from fresh cow manure. Make it rather weak for a first application and keep a close watch on the result; if this is favorable, slightly increase the strength. Apply every ten days until the spring growth commences, when it can be used safely once a week. RIBES.

TOO WARM AND TOO WET.

I send you a sample of Bridesmaid roses, foliage and buds, just as they are produced in a night temperature of 62 degrees. I have treated them fairly. What is the trouble? J. R. E.

The plants from which the wood and buds were cut are evidently in such a condition that they are beyond hope of effecting a recovery in time to be of any profit this season. The leaves bear evidence of having been produced in too high a temperature, accompanied by irregularity in watering. By this I mean they have been allowed to become too dry at one time and then frequently over-watered; 56 degrees at night, and ranging from 65 to 75 or 80 degrees, according to the intensity of sunshine, is the proper temperature for Brides and Maids. Propagating from such stock would be courting failure. RIBES.

MISCELLANEOUS SEASONABLE HINTS.

Starting the Bedding Stock.

There is no time during winter when conditions for propagating will be more favorable than now and for the next eight weeks, for you will be keeping a good fire heat and the atmosphere of the houses will be cool. Many plants that are ignored just now will be of importance to you in the spring, and it is time that some of them were propagated. Several very useful plants you lifted from the ground in September and now cuttings can be taken and the old plants thrown away. Among these are the acalyphas of several kinds; Abutilon Savitzi, pyrethrum, ageratum, lobelia, salvia and others that can be managed that way.

While it is not well to get your benches loaded up too early in the season with these bedding plants, it is time to get rid of the old plants and the young plants propagated now, if potted up and kept growing, will give you lots of cuttings for later propagation. Many of our soft-wooded bedding plants, unless they are kept shifted, which would be very unprofitable, will soon spoil and be shabby just when you want to sell them. So try to have enough plants that will give you lots of cuttings later on.

Sowing Seasonable Seeds.

There are not many seeds to sow just now, yet there are some. If you want to renew your smilax bed, then sow the seed now. Sow in flats and cover the seed with an eighth of an inch of light soil, and a few thousand seedlings will take up very little bench room for the next two or three months. I firmly believe in planting smilax every year and planting good, strong 3-inch plants about the first of July.

Starting Cannas.

Canna seed can be sown now. Perhaps you have all the roots you want and if so you need not bother with seedlings, but sometimes we sell out so clean that we are short of stock in the fall. I don't know of any better way to make the "Indian shot" grow than to soak the seed in hot water for twenty-four hours and then, with a strong, sharp knife, slice off a small piece of the hard shell and sow in drills in the propagating bed. Cannas come largely true from seed. I mean by this that if you buy of a reliable seedsman canna seed saved from Antoine Crozy or Tarrytown, your young seedlings will turn out to be those varieties.

While on the subject of cannas, let me remind you to keep an eye on the roots that are resting beneath, perhaps, a carnation bench. If you laid them on boards they will be all right, but if on the damp ground they are sure to start growing, which is a great mistake and a loss, and moving them will check the roots getting a start.

Asparagus Seed.

Those very useful plants Asparagus plumosus and A. Sprengeri can be sown now or as soon as you can get fresh seed. There is nothing more useful for fern dishes than plumosus. We are asked frequently to fill a fern dish entirely with it. The customers know how well it lasts in the uncongenial environments of a warm room. And as for Sprengeri, we have not yet heard of its being overdone anywhere. These plants are advertised at a very low figure, but you can raise them as cheaply as anyone. I seldom blame the seedsman when failure ensues with the sowing of very small seeds, such as calceolaria, begonia, etc., but if you keep the flats in a temperature of 60 degrees and these asparagus seeds don't come up you can rest assured that you have got hold of some ancient seed, that perhaps was taken into and out of the Ark or passed through the same ordeal as poor Jonah.

Storing Poinsettias.

Poinsettias seem to have been very generally grown this winter; for many years they were not. They are about over now and those cut down or unsold should rest beneath a warm, dry bench till the middle of April or first of May. Lay them down and, if grown in pots, leave them in the pots. If grown on the bench put them in flats with some dry soil around the roots, but let root and stem get as dry as a warm house and the entire absence of water will make them.

The Easter Plants.

Easter is early this year, in the first days of April. This suits some things and some people; for the man who wants space for his summer flowering plants it is a blessing. You will have to look over your Easter azaleas now, and again six weeks later. All the fall imported plants have an inclination to send out a growth, even if kept cool, and if that growth is allowed to get a start the flower bud will perish and you will have a very healthy looking azalea without any flowers. These growths must be pinched or rubbed or pulled off. Its a little early yet to say anything about the azaleas being just right in bloom for Easter, but a reminder will do no harm, to the effect that while some varieties such as Van der Cruyssen will be in time for Easter if kept at 40 degrees for the next six weeks, later varieties can be kept 5 or 10 degrees higher. Usually azaleas are rather early for Easter, so this year it will not be much trouble to be right.

Seldom do we have Spiræa (Astilbe) japonica in flower too soon. Get it into the pots and if you are crowded it is just as well beneath a bench for three or four weeks, or until the leaf growth is started. I have heard friends and neighbors say they could force them in six weeks. We have not been able to do it, and believe they are better brought along without such violent forcing. They are by no means a very profitable plant, but we have to have them.

WILLIAM SCOTT.

CATALOGUES RECEIVED.

J. M. Thorburn & Co., New York, seeds; Wm. Elliott & Sons, New York, seeds; M. H. Walsh, Wood's Hole, Mass., roses; H. H. Berger & Co., New York, bulbs, seeds and plants; Amzi Godden Co., Birmingham, Ala., seeds; M. Crawford Co., Cuyahoga Falls, O., grapes; D. M. Andrews, Boulder, Colo., seeds and plants; Thos. Meehan & Sons, Dresher-town, Pa., nursery stock; Wood, Stubbs & Co., Louisville, Ky., seeds; Leonard Seed Co., Chicago, seeds; W. W. Wilmore, Denver, dahlias.

H. M. Altick, of Dayton, Ohio.

Theodore Wirth, of Hartford, Conn.

President Philip Breitmeyer's Appointees as Directors of the Society of American Florists.

CARNATION NOTES—EAST.

New Varieties.

The new introductions will soon put in an appearance and, aside from being prepared to receive them, it must be remembered that not only are they strangers, but having endured a journey under more or less trying circumstances, a little extra thought should be given to their possible needs.

If frost has touched them in the least, do not be in too much of a hurry to unpack them, but let them thaw out gradually without the use of artificial heat. Your judgment will tell you that a bath in cold water is of great assistance in the case of frozen plants.

When unpacking examine each bundle and if dry or likely to become so before being put in soil, dampen such as may suffer. This does not necessitate unrolling every package, thereby disturbing the contents, for in passing them through the hands one can judge by the feeling and weight the degree of moisture within.

You will notice a difference in cuttings coming from a distance and those rooted on your own place as regards their ability to take hold of the soil. This is not surprising when we consider the various influences which may account for it and while discussing the question let it be understood that it is not my purpose to criticise the methods of our worthy originators.

Cuttings produced on plants grown for that purpose alone, are inclined to be somewhat soft and three or four weeks' sojourn in the sand does not improve this condition. The handling incident to packing and shipping cannot but injure the extremely delicate roots to some extent. Exposure to extreme changes in temperature and delays in transit must be admitted to be detrimental to young stock.

Above all, I believe from the fact of their being strangers to the different soil, water and air on which they must subsist, some little time must elapse before they get settled down to the real business of growing. Consequently we must have patience with our new charges. Study their general make up, always ministering to their wants with an eye to the production of a sturdy growth. Under no circumstances put them into rich soil and grow in a high temperature with the idea of obtaining a cutting from the top, but use fresh soil and handle with a view of building a strong foundation.

Any attempt at doubling one's stock should be dismissed from the mind as beneath a true grower. A mere novice knows that overpropagation is weakening in its effect, so what excuse can the professional gardener offer as a reason for propagating from young plants that in all probability have undergone a strain due to the limit having been reached if not exceeded? GEO. S. OSBORN.

NEWTON, KAN.—C. L. Shanks is building a new house 25x56 feet for his palms and ferns to give him more room for carnations.

McGOWAN WITHOUT BUDS.

I send you a sample plant of our McGowan carnations, a large proportion of which are like this one. You will note that the growth is strong and apparently healthy, but that the plant produces no buds. We have given them cool treatment, 40 to 45 degrees at night, but other varieties do not show this absence of buds. What can the trouble be?

G. W. F.

I cannot tell you exactly what is the cause of your McGowan carnation plants refusing to produce buds, but I have often seen just the same trouble with other growers and especially among McGowan. Last fall, while visiting a grower in a neighboring city, he showed me a bench of McGowan and among them were several such plants, and he told me his experience with it. Several years previous they had noticed a few strong growing plants among the others about propagating time and, thinking nothing of the fact that there were no buds on them, they took every good cutting they could get from those plants. The next year the same thing happened, but by the third year they noticed that they had more budless plants than they had of plants that would bloom. That year they selected their cuttings from plants that bloomed well and now they are almost free from it again, but they expect to discard McGowan this year, anyway. That is what I would advise G. W. F. to do. There are several white varieties on the market now that will make you

double the money that McGowan will make. I don't know what you would want with McGowan if Queen Louise does well for you. We don't consider the two in the same class at all. No more than we would Tidal Wave and Lawson. But 40 to 45 degrees is rather too cool to grow carnations profitably; 48 to 52 degrees is much better. You will get many more blooms and they will be just as good in quality. A. F. J. Baur.

A NEW SYSTEM OF IRRIGATION.

C. W. Skinner, a large grower of vegetables at Troy, Ohio, has devised and patented a system of irrigation whereby he can make it rain when he wishes, where he wishes and as often as he wishes. He can make it rain Paris green, Bordeaux mixture or fertilizers and on frosty nights he makes it rain warm water to save his plants. The Livingston Seed Company installed this system of irrigation last August and say that it has given them very good satisfaction, saving them a great deal of stock which would otherwise have been lost on account of the severe drought. It is also used by a number of nurserymen and merits the attention of anyone who is in a position to need to water his stock in the fields.

The idea is shown in the accompanying illustration. The field is piped with lines of ordinary water pipe, the size varying according to the length of the lines intended to be used and a simple connection with the city water mains or with the elevated tank affords the necessary pressure for watering. Mr. Skinner has himself used this device for several years in watering an eleven-acre market garden, using runs of pipe 600 feet long. He has found it best to use 1½-inch pipe for one-third the length of the line beginning at the feed pipe end, with the next one-third in 1¼-inch pipe; the next 100 feet in 1-inch pipe; then sixty feet in ¾-inch and forty feet in ½-inch pipe. This gives him a uniform spray for the entire length of the line. Smaller pipes are, of course, used for shorter lines. There are a great many ways in which the apparatus may be installed. The pipes may be placed close to the ground or elevated any distance, as the circumstances seem to make advisable, and they may be arranged to turn from side to side so as to throw to greater or less distance. Not only can water be used, but insecticides or fertilizers may be pumped through the pipes with equal facility.

Skinner's Patent System of Irrigation.

PITTSBURG CLUB MEETING.

The Pittsburg and Allegheny Florists' and Gardeners' Club held its monthly meeting on Tuesday evening, January 5, and notwithstanding the arctic weather (15 degrees below zero that morning) there was a good attendance. One new member was elected and one proposed. The committee appointed to attend to the grievance of the retail florists against the undertakers didn't report, because the chairman who was chief kicker had to stay home to mind the baby. He has a little kicker himself now; it arrived a few days ago.

It was the night for nominations of officers and every one of the present officers was renominated unanimously for another year and as the club is in a healthy condition and has an excellent secretary it increased his salary.

It was rose night and we had a fine program. John Cook, of Baltimore, sent his three new roses, No. 3, white; No. 138, pink, and No. 150, red. When they arrived they were pretty badly frozen, but the Cut Flower Co. put them in the cellar and had them partly thawed out before the meeting. Then we took out the thawed out blooms and left the others in the box, covered with paper, and placed it outside in the vestibule. The janitor, not knowing anything, came along and finding a lot of broken boxes and papers, quietly piled the whole into a heap in the alley and set fire to them. When we sent out for the remainder of the Cook roses and found them the ashes of a bonfire, great was the janitor's pain and our consternation. But these roses are very beautiful indeed. The white ones were big, full, magnificent and on stiff, leafy stems. The pink has beautiful buds and is reported as being very prolific. The red was looked upon with much favor as a substitute for Meteor, where Meteor cannot be grown successfully.

About frozen flowers: Mr. Langhans, of the Cut Flower Co., advised that when flowers come frozen they should not be unpacked and put into dishes or sprinkled over with water, but instead remove the cover from the box, place paper over it and put the whole into a cold, dark cellar to thaw out gradually.

Mr. Breitmeyer and some Canadian people sent roses, but on account of the delay on the railroad caused by the snowstorms, they did not arrive in time for the club meeting.

Our home-grown Bride and Bridesmaid roses were magnificent, the finest coming from Fred Burki's place at Bakerstown. Tom Ulam said more Bridesmaids were used and sold in Pittsburg than, probably, all other kinds combined, and next to it Brides. Mr. Burki went into detail regarding many new roses he had grown, but Bridesmaid, Bride and American Beauty are his stand-bys. Gus Ludwig corroborated the same as regards market sorts, but they are getting some fine roses of other sorts, as Sunrise and Canadian Queen, from Canada, that sell on sight. Randolph & McClements are using La Detroit with esteemed effect in aristocratic decorations. The Blind Brothers are growing fine Meteors.

John Jones described how pot-grown hybrid perpetuals are grown at Phipps Conservatories and D. Fraser told how he grows roses in winter in a private greenhouse.

Mr. Langhans gave us a very pertinent lesson on how to pack cut flowers for sending a long distance. He uses light wooden boxes and lines them with many folds of common newspaper, then a lining of wax paper in the inside next the flowers. Use lots of paper, in the winter to keep the cold out and in summer to keep the heat out. Grade the roses. Lay them in single rows of ten, heads close together, and always pack the blossoms dry and never sprinkle them over with water. Over these flowers place a strip of wax paper and pack again, layer after layer from both ends. Here and there over the flat stems of the packed roses put in a one-half inch square cross cleat wrapped around with tissue paper and with a small nail-pin in each end to fasten into the sides of the box. This keeps everything snug and tight. Between the several layers of roses put sheets of paper. Never jam the blossoms up against the ends of the box, but rather leave an inch or so of space and into this put crumpled tissue paper. With three little pieces of board deftly nailed in the middle of the box at the top, make a trough for ice. Lap all over with the paper from the sides, nail down, address and forward. The address label should be one agreed upon with the express company; further, they put another label on each box they send out and on it is marked the time when the parcel is delivered to the express company.

AN OPPORTUNITY.

Ed. Review:—We need, and must have, a first-class florist here. We have a State University city of 8,000 people, and thousands of dollars' worth of cut flowers and plants are brought here every year. Can you and will you put us in line to find a good man?

Iowa City, Ia. Mira Troth.

Kalamazoo, Mich.—W. C. Cook, of the Central Michigan Nursery, had an article on the care of plants in the dwelling in a local paper December 20, which will doubtless have considerable fostering influence on the plant trade in this city.

A CHRISTMAS DISPLAY.

The accompanying illustration shows the exterior of a Cincinnati flower store at Christmas. Fred Gear has been in the flower business since he was a small boy and now does a very prosperous trade. As one of the wholesalers says: "He and his chief assistant, George Tromey, are one of the most hustling combinations in the city."

A Cincinnati Store in its Holiday Garb.

SCALE ON FERNS.

We mail you a frond of Pteris tremula on which there is some scale. We have tried Rose Leaf Extract. Kindly tell us what they are and how to get rid of them. H. H. C.

An examination of the fern frond referred to proves that the insects in question are the common turtle scale, also called large brown scale, one of the pests to which ferns in general are subject, and a pest that spreads very rapidly among these plants, especially those that are grown in a warm greenhouse. This insect may be kept down by repeated doses of a solution of the tobacco extract, the best method of applying the treatment being to dip the plants in the solution and then to lay them upon their sides to drain off. But it is impossible to eradicate the insects by one or two doses, from the fact that the solution of tobacco can only be used of moderate strength without injuring the ferns, for example, one part of the Rose Leaf Extract to 100 of water.

W. H. TAPLIN.

GLADIOLI BY THE ACRE.

Before the recent session of the New Jersey State Horticultural Society, Arthur Cowee, of Berlin, N. Y., read a paper on the gladiolus, from which the following is an extract:

It may interest you to know how large fields of gladioli are grown. The ground is well plowed in the autumn, replowed, harrowed, drilled and fertilized in the spring, ready for the planting gang, which on a plantation of seventy acres requires about 100 men, boys and girls. The rows are drilled thirty-three inches apart, into which the bulbs are strewn, after which the back-aching task of setting takes place. Every bulb is set by hand, two, three and four inches apart across the drill, according to the size of bulb, then covered to a depth of from three to four inches of fine soil.

In addition to the bulblets, the growers' stock in trade consists of the small cormels, which are formed among the roots and about the new-grown bulb. These cormels are sowed in rows twelve inches apart and must be kept free from weeds by hand. The first year from these are produced small bulblets, which must be again planted another year to secure a marketable bulb. In most strains few of the cormels bloom, but in the new hybrids many show a fairly good spike while forming the bulblet.

Before the planting of this acreage is completed the early spike begins to show and horse cultivators are started and are kept in motion day after day until buds begin to appear, after which the soil is not disturbed except to remove scattering weeds by hand. Some seasons the cost of cultivating is much increased by the necessity of hand weeding, which is occasioned by the interruption of horse cultivation by excessive rains. The ground is never worked when there is surface moisture. The last season was very aggravating in this respect.

The most interesting but perplexing part of the work during the blooming season is the classification and rogueing. The most of this is done by girls who are constantly in the fields, except when prevented by rains.

To strengthen the growth of the bulb is one of the most important operations and one which excites the most comment from visitors. This is done by the removal of the bloom after a few of the lower flowers have withered. During these cuttings we are besieged with visitors, who carry away these flowers by wagon loads and deplore the seeming waste of the quantities left on the ground.

Harvesting is the most simple but tedious part of the grower's work. Plowing on either side of the rows loosens the soil, from which the bulbs are lifted by the spike, which is immediately clipped close to the bulb, after which the bulbs are spread upon sheets to cure before storing in the houses, where, during the winter, the roots are removed and the stock is sorted, sized and counted for market. In shipping, packages are lined with several thicknesses of paper for frost protection and the bulbs are packed in planer shavings, so as to prevent bruising in transit.

I have many times been asked, how many bulbs could be grown upon one acre. Practically the only reply which could be made to this question is, from 100,000 up to 1,500,000, depending entirely upon the size of stock planted and the distance apart.

PIPING FOR STEAM.

I propose to enlarge my greenhouses and replace my hot water boiler with a steam boiler. It has been suggested to me that I could leave my 4-inch pipes or a part of them and use them in place of putting in an entirely new system of pipes. Would this be desirable or practicable? Part of the pipes are cast iron and part boiler flues cemented together. The houses connected run north and south, north ends protected, south gables glass, with eighteen inches glass on the east side. With the proposed addition there will be: House No. 1, 12x70, east bench for roses or bedding stock, west bench for cuttings. House No. 2, 17x70, roses. No. 3, 12x80, roses or cuttings. No. 4, 25x90, carnations. No. 5 runs east and west from the shed, across the ends of the others, 12x65 feet, and is used for palms, begonias, etc. How should these houses be piped for steam? C. J. B.

It is not practicable to use either the 4-inch cast iron pipes or the cement joined boiler flues for steam. The expansion is too great. The calked joints will not stand it and, in the second place, the radiating surface, if the same piping were to be used, would be too great.

For steam under five pounds pressure house No. 1 will require a 2-inch riser running from front to rear under the gable and at the south end divided and made to distribute into five 1¼-inch pipes on the west side under the bench and four on the east side. House No. 2 will require practically the same piping. It is somewhat less exposed and can be heated by five pipes under each side bench, if a two-bench house or if a three-bench house by three pipes under each side bench with four pipes under the middle bench. This house should also be provided with a 2-inch riser running from end to end, same as in No. 1. House No. 3 will be sufficiently heated by a 2-inch riser divided at the south end to return under the two side benches in four 1¼-inch pipes under each bench. House No. 4 will require a 2½-inch riser distributing into fourteen 1¼-inch returns under the benches. A satisfactory arrangement for these will be four pipes under the west bench, five under the east bench and five under the center bench. House No. 5 will require a 2-inch

riser and five 1¼-inch pipes under each of the side benches. This house is somewhat more exposed than any of the others and will require more pipes in consequence. The piping specified should maintain a temperature of 70 degrees with five pounds pressure on the boiler during severe weather, provided the sides of the houses are not more than four feet high and are well constructed.

L. C. C.

THE READERS' CORNER.

Coal Consumption.

Ed. Review:—We notice in your paper the item on the amount Bassett & Washburn paid for coal last month. It is a source of satisfaction to hear how much coal others require to run their places. We have often wondered if we were not using more coal in proportion than our brother florists. We would like to ask through your valuable columns to hear from others as to their coal bill for December, giving the amount of glass and how heated.

We have 42,000 square feet of glass, all lapped, well bedded in putty, size of almost all our glass 16x18. Our outside walls are in good condition and buildings generally in good shape. We have two tubular boilers, one sixteen feet by sixty inches, with forty-four 4-inch flues; the other fourteen feet by forty inches with 3½-inch flues. We use the Morehead steam trap to return condensation. Our boilers are on top of the ground. We would like other opinions as to which is best, to use the steam trap or to have a tank for the condensation and use a pump. We burn slack coal at $1.75 per ton. Our bill for December was a little over $400 and for November $267. We would be glad to hear from others to see if we are burning up more money than our brothers in the trade. Also will someone tell us if our system can be improved? Gesler & Drury.

Sports of Mrs. Lawson.

Ed. Review:—Seeing in a recent Review where D. C. Noble, of Columbia City, Ind., asks for the address of a gentleman who has a light pink Lawson, stating that he (Mr. Noble) also has one of the same color, I suppose these are both sports from the Lawson. Some time ago I saw in the paper where somebody else has a white sport of the Lawson. Now, if this is correct, the Lawson must be a regular sporter, so to speak, as I also have a sport from it, only different in color. The sport I have is white, flushed with delicate pink, shading away to a slight scarlet. It is a much larger flower than the Lawson alongside of it and seems to be a good bloomer, as I already have the second flower on it. One is just closing up and the other just opening. Both are on the Lawson, on two different branches. Three other branches have the Lawson, also in full bloom. Gus. Obermeyer.

Heating Problems.

Ed. Review:—The able paper of William Scott on heating is one that should be read by all in the trade. Heat is the life of our business and heating is a subject to be often thought about and discussed. I have seen many systems used, mostly fixed and arranged by inexperienced men, but I must say with Mr. Scott that the best house that I have ever worked in and that gave the best satisfaction with the heating was one installed by Hitchings over twenty-five years ago.

I think we will yet go back to the old four-inch pipe with just one return to each flow. By many experts we are told to have three or four returns to each flow. I have one house so arranged, but I find that the lowest pipe is always colder than the others, which shows that the circulation is not right.

If a perfectly level flow is ideal, why not run it so? There will be practically little or no water left in the pipes when wishing to empty the system. If the water presses back on the warm water in the up-hill system it also presses back on a rise of two inches, although to a less extent. Why would it not be better to have the flow perfectly level, or with just two inches fall and return with two inches fall? The pet cock could be placed on the highest place above the boiler.

Before reading Mr. Scott's paper I was thinking how I could install a good heating system and if it would be a good plan to have only one return to each flow. Now, as Mr. Scott says it is the best way, I will carry it out.

Now another question arises: Will four two-inch flows and four two-inch returns give as much heat as four two-inch flows and eight two-inch returns, using the same boiler and firing the same, as the water in the lesser number of pipes will be hotter and can be maintained at a higher temperature? Will one foot of radiating surface at 150 degrees give off as much or more heat than two feet at 75 degrees? What I am anxious to find out is if it is better to have fewer pipes at a higher temperature or more pipes at a lower temperature in very severe weather, say 20 degrees below. In a house twenty feet wide would it not be better to have some of the flows and returns in the center?

I hope this will bring out a number of opinions and experiences. F. McG.

A Word for Adonis.

Ed. Review:—We want to put in a word for Adonis. Considering the lateness of the delivery of that variety last spring, and a few other mishaps it evidently had with the disseminators the previous season in the field, we think it has done very well, indeed. At any rate, this is the impression we have of it now, judging of the behavior of the plants we have been able to save.

Since housing the first batch of about 300 plants in August, and about 500 September 20, we have scarcely lost a half dozen plants and, while the growth has not been rank, it has been uniform and healthy, and seems "fast" enough to become a very profitable variety from early struck cuttings, not later than the last of February. It easily surpasses any scarlet on the market now, and we look for a very decided improvement next season. H. Weber & Sons.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

PRESSURE ON TWIN BOILERS.

Will some one tell me how to arrange two boilers for low pressure steam so that they will work together harmoniously. We have two boilers twinned without checks in the main returns. Whenever one boiler is fired a little harder than the other the water is driven out of one and into the other. How can a uniform line be kept? They are on the same level. F. W.

F. W. can remedy his difficulty to some extent by placing swinging check valves in the yoke at the rear of each of his boilers, which connect with the main return. If the returns are high enough so the yoke on the return can be placed on top of the shell of the boilers the difficulty can be remedied by raising the yoke to this height and placing swing checks in it, as before stated, or by tapping the boilers on top and feeding the return water through pipes which discharge inside the boilers on top of the flues below the water line instead of being connected with the blow off on the underside or at the rear of the boilers. In any case it is advisable to use a check for each boiler. L. C. C.

BEST SWEET PEAS.

The committee of the National Sweet Pea Society of England decided that an audit of the varieties of sweet peas staged at its exhibition to be held in London on July 15 and 16 should be taken, with a view to discover what varieties were the most popular. It is rather surprising that in the first prize collections no less than seventy-one varieties were shown among a total of 216 bunches, whereas there were only ninety varieties in the total of 991 bunches staged in the whole competition. This points to the conclusion so many seedsmen have arrived at, that the varieties catalogued might be very materially reduced, and that among those in commerce there are a great many that have long since been superseded.

The following is the selection made as the best of each color: Salopian, crimson; Prince of Wales, rose and carmen; Lovely, pink; Miss Willmott, orange shades; Duchess of Sutherland, blush; Lottie Eckford or Maid of Honor, picotee edged; America, red stripes; Princess of Wales, purple and blue stripes; Hon. Mrs. E. Kenyon, yellow and buff; Jeannie Gordon or Triumph, bicolors; Navy Blue, blue; Dorothy Tennant, mauve; Duke of Westminster, violet and purple; Black Knight, maroon and

bronze; Lady Grizel Hamilton, lavender; Dorothy Eckford, white; Gracie Greenwood, fancy; George Gordon, magenta; Coccinea, cerise.

A NEW RED ROSE.

We rosarians have been patiently waiting, says a writer in the Gardeners' Chronicle, for the red ever-blooming rose which we could put side by side with Hon. Edith Gifford, Kaiserin Augusta Victoria, Madame Ravary, Killarney, and so forth, and to us it has come in M. Pernet-Ducher's new Etoile de France. First of all it is bright, brilliant red, as red as Fisher Holmes; and, secondly, it is even more fragrant than La France, which, partly for this abounding and delicious quality, we suspect is one of its parents. It has, too, on its petals a bloom which at once suggests Victor Hugo. Are these two roses, then, its actual parents? We had better not pry further into M. Pernet-Ducher's secret, but be content with thanking him for one more of the many benefactions his skill has bestowed upon our gardens. Looked at critically, it has little, if any, yellow in its composition; while, on the other hand, there is just that suggestion of blue which marks La France. This is its only weak point, for it comes to us warranted by its raiser to be at once hardy, vigorous, and continuously in bloom.

BENEFITS OF A COLLEGE COURSE.

One of the subjects up for discussion at the Florists' Club of Philadelphia at the January meeting was "The Benefits a Young Florist or Gardener May Derive from a Course at His State Agricultural College." The following are the remarks of Francis Canning, formerly gardener to S. T. Bodine, Villa Nova, Pa., now at the Massachusetts Agricultural College, Amherst, Mass.

Apart from the educational advantages of a collegiate course in a state agricultural college, many special features usually obtain in them which will especially appeal to the gardener and florist. Usually gardeners and florists are desirous that their sons should have a better start in life than they themselves obtained, and frequently a desire for a better education, and are willing to sacrifice time and expense for this commendable object. Frequently, however, such a course diverts the student from the pursuit in which he is in after life expected to shine.

In perusing the curriculum of an agricultural college, it will be gratifying to find how many studies are presented which treat upon the broader principles of agricultural and horticultural pursuits, wherein an outline of many important principles in gardening are made special features. Apart from this some agricultural colleges have provided a course of studies which cannot help but appeal very strongly to the gardener and florist, notably the Massachusetts Agricultural College, wherein the students are enabled to make major studies of horticulture, landscape gardening, floriculture and greenhouse management. The whole is under the direct supervision of Professor F. A. Waugh, an acknowledged authority and author on those subjects.

The subject horticulture deals largely with vegetable and fruit growing. Practical examples consisting of large acreages of vegetables, small fruits and orchards are available for field notes and observations, which are daily recorded by the students. Visits are also made to different neighborhoods to note conditions and students are frequently appointed judges at county fairs, when large displays of fruit are frequently seen. Men with a national reputation along some of these lines lecture upon their special subject, affording the student the opportunity to note the qualifications required for that branch.

In landscape gardening a preparatory course has been going on from the freshman year by the study of mathematics, so that when a student elects landscape gardening in his junior year he has already some valuable information to help him in the many problems which present themselves. A well equipped room is furnished with a number of instruments of the best design and everything is thoroughly up to date. Field work, in teams of three, is taught, surveying, etc., and each receives a thorough acquaintance with all instruments used by the landscape gardener. This is supplemented by drawing maps, plans, etc. Nor is this all. Each student must become acquainted with the living material with which his pictures are composed. This means knowing the plants used, starting with annuals, perennials, climbers, shrubs, trees, evergreens and bedding plants. Large numbers are grown and used on the grounds, exemplifying the purposes of each. Visits are made to local estates and neighboring towns and an enthusiastic interest is soon manifested by those who have the subject at heart.

In horticulture and greenhouse management no efforts are spared to make the course interesting and instructive. Instruction includes seed sowing, mixing soils, potting, propagating and growing many kinds of florists' flowers; greenhouse construction, heating, science of ventilating, etc. Visits to commercial establishments and general acquaintance with all plants used by the florist, variety names of roses, carnations, chrysanthemums, etc., and their special treatment. Large greenhouses wherein this material is grown are always accessible to the students.

It can readily be seen what a broadening of mind a student receives in such a course. At home he may have learned one particular subject better, but how much better equipped is he now to branch out and be a credit to his parents' foresight.

RADIATION.

When new houses are in contemplation the piping is generally a prominent consideration. There is often a mistaken idea that what is usual is sufficient with respect to heating requirements, but there is nothing like plenty of heating surface. The greater number of pipes, the less difficulty of securing the desired degree of temperature, without the undesirable fumes and unsatisfactory effects of excessively heated pipes. A little money spent on an extra row of pipes will soon be refunded in fuel saved with less risk of injury to the plants.

H. J. C.

LOCKPORT, N. Y.—On January 8 fire did $2,400 damage at the greenhouses of Frank B. Lewis. He had no insurance.

CHICAGO.

The Market.

This has been another very quiet week and it is only a grain of consolation to hear that trade is dull in many other cities. The local stagnation has been charged to the after effects of the great theater disaster, but no cause can be assigned for slack shipping demand save that trade is dull throughout the country. Most of the wholesalers report the usual number of orders coming in, but most of them are small, and they do not take up stock very fast, with the result that prices are steadily retrograding, except on the best grade of tea roses, and these hold firm because of light receipts rather than from large demand. With most of the rose growers crops seem to be still going down hill.

There are plenty of Beauties and quoted prices are down to a point which might almost be called bargain rates for January and such fine long stock. Chatenay is selling well and Liberty is both good and popular, the best grades commanding fair figures. A few very special Brides and Maids seen in one or two houses are still bringing 12 to 15 cents over the counter, but the grade usually sold goes at 6 to 8 cents.

Carnations are not in such heavy supply as had been anticipated and were trade progressing at its normal pace there would be no over-stock, but nevertheless values are shrinking day by day. Much of the stock is of fancy quality but there are complaints that it will not keep, this being the usual story just after the holidays, and this year the wholesalers know whether it is true or not, for they have ample opportunity to make tests.

There are large quantities of bulbous stock about. If anyone feels that he was held up on the price of valley or Paper Whites the day of the great rush for funeral stock he can now get even by buying all he wants for 2 cents, although it may not be the freshest of stock. Violets are still in the dumps, bargain rates being quoted, even on the fancy Hudson river goods.

Various Notes.

It has been announced that the Florists' Club will hold a series of meetings in various parts of the city in the next few weeks and the first of these is scheduled for Saturday night, January 16, at Matt Evert's, Rose Hill. This is close to the Reinbergs' and many other growers. Everybody is expected to go. Take the Lincoln avenue cable and transfer to Robey street; the end of the line is in front of the meeting place. The party from down town is expected to meet at the Perfecto, Wabash and Randolph street, and proceed from there at seven o'clock.

Wietor Bros. propose to extend their business in all directions this year, and will have a larger lot of cuttings for the trade than ever before, notwithstanding that the requirements for their own place will be largely increased by a new range of glass in the spring. They have a couple of very good red seedlings, one a cross of Triumph and Jubilee, the other of Lawson and Prosperity. If these pan out it is not unlikely that they may try their hands at introducing novelties.

Wienhoeber had a decoration on Tuesday in which he used 125 cattleyas, supplied by E. C. Amling, who is doing

quite a business in orchids, an item not largely handled in this market.

Fleischman used 1,000 Uncle John roses in a recent decoration.

Flint Kennicott is again laid up with the rheumatism.

F. Stillo, at Niles Center, lost a child last week, 6 years of age, and has the sympathy of everyone in the market.

P. J. Hauswirth was at Jacksonville, Ill., on Tuesday in charge of the flowers at a funeral in the family of one of his customers.

The bowlers had a good session last Thursday evening. There was a fine turn out, the Stolley brothers, Asmus, Mrs. Hauswirth and Miss Kreitling, making particularly fine scores. In the future practice will be had on Tuesday evening. John Lambros states that the other club will bowl each Thursday beginning tonight.

Fleischman is reported to have lost a lot of Christmas stock frozen in a broken down automobile.

E. F. Winterson says that whenever business in cut flowers slacks up a little he can always find something doing in the supply department.

F. G. Hunt is no longer with W. N. Rudd at Mt. Greenwood.

The A. L. Randall Co. is handling a nice lot of white lilac and some of Buettner's fancy mignonette.

Frank Garland is getting in Paper Whites by the thousands, in fact a little faster than he wishes he was. He is still cutting a few mums.

C. W. McKellar is now getting in "a little of everything" and finds a fair trade on miscellaneous flowers on a floor heretofore given up to roses and carnations.

The annual meeting for election of officers of the Horticultural Society of Chicago was called for the Great Northern hotel Tuesday afternoon, but a quorum was not obtained.

Sam Graff is here from Columbus, where Graff Bros. are doing a nice wholesale and retail trade, and "Billy" Graff is now in charge. One of the brothers does the buying in this market, the other the selling at Columbus.

Bassett & Washburn report a very good run of shipping trade the first part of this week.

Fred Klingel, bookkeeper for Peter Reinberg, is again quite ill. A surgical operation was performed on him Monday.

Lloyd Vaughan has started on another trip for E. H. Hunt.

E. H. Stewart, of Milwaukee, was a recent visitor.

CINCINNATI.

Club Meeting.

Saturday was the regular meeting of the Florists' Society and though scarcely more than a quorum was present, considerable business was transacted. Owing to the absence of the secretary, Geo. Murphy, Henry Schwarz was appointed to fill the post. E. E. Braun, of the Pittsburg Plate Glass Co., was admitted to membership. The schedule for our rose show, to be held in our club rooms the second Saturday of February, was adopted and ordered printed and sent out to prospective exhibitors.

A. F. J. Baur, of Baur & Smith, Indianapolis, was present at the meeting and exhibited a vase of their new carnation, Indianapolis. This is certainly a beauty, with fine stem, color, size and calyx, in fact everything that goes to make a fine flower. It appears to be a prolific and early bloomer, and judging by the report of those who have seen it growing it is a good commercial variety. A committee of judges was appointed consisting of Wm. Murphy, Ben George and August Hoffmeister, to pass upon it and they awarded it the society's certificate of merit and recommended it as a commercial variety. Mr. Baur says that it is a cross between Armazindy and Joost.

The Market.

The least said of business at present, the better. Besides funeral work there is very little doing. Once in a while there is a spurt but it soon subsides into the same slow rut. Roses are about equal to the demand but prices have dropped considerably, especially on pink. Carnations have increased greatly in supply and the price has dropped fully fifty per cent on ordinary grades, with more than enough to go around. Violets have been almost a dead letter and some days they would scarcely move at any price. Bulbous stock has moved well and valley is scarce. Sprengeri and asparagus are scarce but there is plenty of smilax.

The coming week holds forth better prospects as society is beginning to better itself after the post-holiday rest.

Various Notes.

A great many of the trade are on the sick list, none seriously ill, but still unable to attend to business. Among the invalids are Chas. Jones, R. A. Betz and T. W. Hardesty.

Geo. Murphy reports one of his children as very sick with pneumonia.

R. Witterstaetter's mother-in-law died last Friday. She had been very sick for some time. The funeral took place Sunday afternoon, the burial being in Spring Grove cemetery.

Miss Minnie Culton, who for many years has been stenographer for J. M. McCullough's Sons, has just received the appointment as chief stenographer to Wade H. Ellis, attorney general of Ohio.

Theo. Bock, of Hamilton, is on the sick list. It all came through a leaky boiler. Mr. Bock was obliged to attach a traction engine to his heating pipes in order to keep up the required temperature in his houses. Everything moved along nicely till one night the engineer went to sleep and before he awoke about $300 worth of plants were frozen. Mr. Bock in doing what he could to save his entire plant, caught a severe cold. He is much better at present.

Two new retail stores will be opened for business this week. One on McMillan street, Walnut Hills, by Lew Villner, the other in the Arcade, between Race and Vine streets, by Freemas & Co.

C. J. Ohmer.

PHILADELPHIA.

The Market.

Everyone has felt a falling off in business the past fortnight as compared with the same period a year ago. People are not buying our stock now. Prices are low and irregular, consignors are displeased, stall holders gloomy and the dealers have their own troubles. The weak kneed chaps are blue; comparisons appal them. The spunky chaps are quiet but hopeful; they expect to make it up later. A prominent dealer, when asked whether there was any strong item on the list, replied with a smile, "wild smilax." Single daffodils are in; W. K. Harris has them in pots. The feature of the market is the arrival of gardenias. Robert Scott & Son have cut the Gordian knot and S. S. Pennock is now able to offer the swells their cherished English boutonniere in midwinter. Leo Niessen had some shipping orders for Trenton on Tuesday for the opening of the state legislature. This week is better than last, anyway.

"R. L. H."

The letters "R. L. H." are printed on certain railroad envelopes and are said to indicate that dispatch is required. It is said that these letters are the initials for "run like hustler," and are borrowed by the railroad men from the florists, whom they know to be quick. The profanely inclined attach a different meaning to the last letter, but florists are not profane and will agree with me in interpreting them. Evidently they were forgotten on Phil's last letter to the Review, or else the railroaders were too busy thawing out frozen switches to heed them, for everything was held up on the way except a few little things and the Florists' Club meeting wire was hardly recognizable.

Know then, kind reader, that the market last week was bad, very bad. Prices fell and flowers spoiled. Then, to add to our trials, there was a big storm that consumed much energy, coal and oil. That the club meeting did Secretary Lonsdale proud. Alfred Burton's paper on the advantages of horticultural education was a good one; the fruits of it show at Wyndmoor. Francis Canning sent another clever paper on the same subject. Besides, C. W. Ward and Robert Craig spoke on carnations. John N. May's exhibit consisted of The Bride, a white carnation of great size, and some blooms of a free flowering red rose called General McArthur. William Didden will, I trust, pardon the way his name was spelled, while Robert Craig & Son, with a fine lot of Adonis and others; John Kuhn, with a fine seedling, and Adolph Farenwald, with his superb Liberties, will, I know, exercise the same Christian virtue regarding their being side-tracked altogether.

The Ball Season.

The ball season is well under way. One or two big affairs preceded the holidays, but the season proper has just opened, with a huge private ball, a veritable rout, followed by the first assembly and another dancing class and the dinners, etc., incident thereto. Unfortunately they don't eat much ice for florists, in general, just a spalsh that momentarily disturbs the serenity of the pond, that's all.

The season is a short one, Lent begins February 17. From present indications we shall have plenty of business until then.

The Germantown Horticultural Society met January 11. The speakers scheduled were Frank M. Bartram and Warren J. Chandler. Orchids, cut flowers, ferns and fruits were shown.

Dunn & Co. claim to have been very successful since opening and say the outlook for business in 1904 is very encouraging.

Phil.

NEW YORK.

Club Meeting.

The New York Florists' Club's first meeting of 1904 was held at the rooms in the Grand Opera House building on Monday evening, and nearly fifty of the prominent members of the club were present. In the absence of Mr. Troy, the late president, John Young introduced the new presiding officer, Frank H. Traendly, who acquitted himself with all the dignity and ease of a veteran, demonstrating the club's good judgment in its choice. Mr. Traendly's address, which was practical and to the point, did him much credit and follows in full:

In assuming the duties of president I desire to thank you for the honor you have conferred upon me by selecting me as your presiding officer for the present year. The club is to be congratulated on its condition, having shown progress during the past year, as is shown by the following figures: Receipts, $1,072.50; disbursements, $938.33; balance on hand, $912.98; due from members, $752.50.

Among the suggestions I have to offer for the good and welfare of the club for the coming year is the establishing of special nights for the exhibition of different varieties of flowers, devoting one date for carnations, another for roses and so on through the list. I am fully aware that this is not a new suggestion, but trust the committee of awards may be able to stimulate interest in these particular nights.

I think the club will agree with me that something more interesting is needed than to attend the monthly meetings to transact routine business and listen occasionally to an essay. It requires some courage to refer to a subject that recalls disagreeable memories, that of flower shows, yet I have in mind that a way might be devised to arrange to hold an exhibition on a small scale in a hall of moderate size, open to the public free or by charging a nominal admission. I suggest that an advisory committee be appointed to consider the advisability of such a plan and report at an early date as to whether such an exhibition could be given without involving the club to any great extent financially, or, in fact, whether it would be at all practicable. I merely make the suggestion for what it is worth and to get an expression of your views on the subject of future shows.

I would recommend to the board of trustees that it might be well to have the funds of the club deposited with a trust company, where they would be earning from two to two and one-half per cent a year, as every little helps.

That the summer outings are popular with our members is shown by the success attending them for the past three years. If it is your wish to have another this summer, a committee, should be appointed at once, with power to go ahead and make arrangements and secure suitable grounds.

I should like to see the dinner committee get to work and complete arrangements for this event.

Having served my apprenticeship with the entertainment committee, I feel that I am justified in venturing the advice to the club to show a moderate liberality in an appropriation for the use of the committee. While the "canteen" serves its purpose, the committee should also bear in mind that something in the library line would also be welcome.

Unless the New York Florists' Club wants to be relegated to the ranks of the "has beens" as bowlers, it would be advisable for its athletic members to take an interest in the bowling club, so that we may be creditably represented at the St. Louis convention this summer.

I would impress upon you the importance of being on hand when the meeting is called to order at 7:30, that we may encourage out-of-town members to attend.

In conclusion let me ask your indulgence for any shortcomings on my part; I have the best interests of the club at heart and will, with your support and co-operation, endeavor to perform my duties to your satisfaction.

Mr. Traendly was followed by Messrs. Butterfield, Young and Weathered, each of whom acknowledged gracefully and gratefully the honor bestowed and promising their co-operation in making the coming year the banner year in the club's history. The various committees were announced by the president. Mr. O'Mara spoke eloquently of the club's appreciation of the good work of the committees of 1903, and also read the resolutions on the death of Thos. W. Weathered and George M. Cottam.

The annual dinner committee consists of Messrs. Lawrence Haffner, Lyman B. Craw and Walter Sheridan, and has instructions to arrange for the festivity soon after the next regular meeting of the club, the second Monday in February.

Six new members were elected and eight proposed, evidencing a renewed interest that should bring the total membership close to 300 before the end of the year. Letters of resignation were read from Messrs. A. Herrington and J. M. Keller and regretfully accepted. The secretary of the Morris County Gardeners' and Florists' Association sent a letter of invitation to the club members to attend the annual banquet on Wednesday evening and a vote of thanks was tendered for the courtesy. Quite a few will doubtless accept the invitation.

The reports of the secretary and treasurer were very interesting and showed an excellent standing of the club as to membership and finances, 237 names being on the roll and nearly $1,000 in the treasury. Mr. Sheridan, president of the board of trustees, in his report commended the treasurer for the splendid showing made and the secretary for the neatness and accuracy of his records.

A discussion of the president's address was participated in by Messrs. O'Mara, Samuel Henshaw and Mr. Butterfield. References to the splendid success of the florists' clubs of Europe and especially Holland in their exhibitions and the active co-operation of their members, were made as an incentive to progress here. Mr. Henshaw gave interesting reminiscences of the exhibitions of twenty years ago, and declared that he himself was "as young and enthusiastic today as fifty years ago." A motion was passed entrusting to the club's officers the matter of holding a flower show during the present year and the advisability of co-operating with the American Institute and using the same grand hall as in 1903.

An excellent outing committee was appointed, with W. J. Elliott as chairman, and another summer celebration similar to the last is already under way. A committee was appointed at the suggestion of Treasurer Weathered to arrange for the printing of certificates of membership in keeping with the club's reputation. Messrs. Young, Nash and Dailledouze were appointed to draw up suitable resolutions on the death of Ernst G. Asmus.

A splendid exhibit of seedling carnations was made by C. W. Ward. A fine white, a pink, No. 31 of 1900, and the grand red, No. 303 of 1901. The committee of awards reported most favorably as to all and a committee was appointed to visit the Cottage Gardens and report at the next meeting of the club as to No. 303.

W. H. Elliott, of Brighton, Mass., was a visitor and gave a very interesting address, commending the enthusiasm and interest shown by the club and its progressive character, declaring he was unable to detect any signs of paralysis, and adding his testimony as to the efficiency of the canteen service. He congratulated the president and members on the discussions and speeches he had listened to with so much interest and closed with many practical suggestions as to exhibitions, especially of carnations, to which flower he awarded the palm for progress during the year that has closed. He anticipates a great chrysanthemum show in Boston in November. His admiration of the courage of the New York club, after its vicissitudes in the flower show business, was unbounded. He spoke feelingly of his friend, Ernst Asmus, and the collapse from overwork he suffered at the Lenox Lyceum exhibition some years ago.

Various Items.

The seedsmen have their ears close to the ground and hear the voice of the vernal season. William Elliott is already perfecting plans for the opening of the auction season, which will announce itself unusually early this year and doubtless in time for Easter, which now is only ten weeks away. We are already forgetting that a week ago we had the coldest wave that has swept over New York in a generation.

Among the victims of the zero visitation is Wm. Hanft, of Thos. Young, Jr.'s, Sixth avenue store, who has been confined to his house a week with a serious attack of the grippe.

J. O. S. Hanft, of Hanft Bros., Madison avenue, is convalescing at St. Augustine, Fla., after a long tussle with typhoid fever. It was a close call and he will not return to business before May.

The present week is "banquet week" for sure. On Wednesday evening the Dutchess County Horticultural Society celebrates at Poughkeepsie, while the Morris County Gardeners' and Florists' Society has a smoker and vaudeville at Madison. On Friday the New Jersey Floricultural Society dines at Orange. Fortunately the Tarrytown people didn't get hungry the same evening and have placed their "feast of reason" ahead to January 28.

The ball season, too, has awakened, and the regular events of the season in this line are at hand. On Thursday the Young Arion ball takes place at Arion hall, and on February 5 at Madison Square Garden the annual Arion ball, the greatest of its kind, with elaborate decorations, both in charge of Hanft Bros. The latter has been their especial province for over a quarter of a century. This firm had a novel decoration at the dinner of the New York Athletic Club on last Thursday evening, a floral printing press with wheels, cylinder and all the features elaborately worked out in roses, smilax, purple foil, etc. Two bunches at the Hammersely funeral sent by Hanft Bros., were of the finest orchids, one composed of six dozen cattleyas and the other containing 470 white orchids.

At all of the private balls the best work of the Metropolitan florists will be in evidence and with the opera season in full blast and cat, automobile, and other society exhibitions attracting fashionable people the good effects should soon begin to be felt by the florists generally and from now on until Lent there should be "something doing" all the time.

Bloomingdale Bros. will have, when completed, one of the finest conservatories and florist stores in the country, under the able management of Mr. Burnham. During the past ten years this establishment has grown rapidly and on legitimate lines. No antagonism to the legitimate florist trade has been developed. Only the best of stock is handled and fair prices are maintained. The new greenhouse on the roof being built by Hitchings & Co., will be 42x98, and connected with it will be a reception room 22x42, fitted up in the latest Parisian style, with palms, fountains and all the accessories. The old conservatories are 25x150, and 25x50, the new store will be 40x40 and beautiful in all its fittings and details.

Flatbush celebrated its annual depart-

ure from the beaten path last Thursday in the usual prize bowling competition, with a smaller crowd and lower scores than usual, but all the old-time enthusiasm on tap; and other things. The prizes were all valuable and the winners lined up for their pick in the following order:

Alfred Zeller, Patrick Riley, David Mellis, Henry Dailledouze, Eugene Dailledouze, Louis Schmutz, Clemens Wocker, I. T. Irwin, Paul Dailledouze. Cigars, vases, mufflers, tobacco jars, bottles, etc., figured in the general distribution.

The greenhouses owned by William Bell, of Bayside, L. I., were completely destroyed by fire last Wednesday. There was no insurance. Mr. Bell is highly esteemed by his brother florists, who feel much sympathy for him.

Cassidy & Sons, of Blissville, L. I., who were also burned out sometime ago, are rebuilding two greenhouses 22x90.

Mrs. John Donaldson, who has been very ill with pneumonia at her home in Elmhurst, L. I., is out of danger.

W. E. Marshall, the wholesale seedsman, came to the club meeting Monday evening somewhat battered but "still in the ring," after his accident at Newport. John Birnie, too, appeared with a nose almost out of commission, the result of some strenuous curling with brother Scots over in Jersey. Patrick O'Mara was again on deck after a tussle with one of Job's comforters, which held him captive for two weeks. A boil on the toe is an unusual affliction.

After the club meeting Monday night a half dozen enthusiasts, chaperoned by Capt. Lang, visited the bowling alleys selected for the new club and unanimously decided they were "out of sight." The club starts with a membership of twenty, all the old-timers among them. The place selected, Twenty-third street and Tenth avenue, with its four alleys, is one of the best in the city, and Monday evening next at 7:30 the opening ceremonies will take place. With the material engaged the captain should take a team to St. Louis that will restore the old-time prestige to the New York club.

C. W. Clucas lives during the summer season at Sparkill, on the Worth estate of thirty acres, which the firm has purchased and where nursery and trial grounds are already established. Here roses, shrubs, conifers, ornamental trees and herbaceous plants will be grown extensively. Mr. Clucas is a resident of Orange, N. J., during the winter and Mr. Boddington resides at Yonkers.

B. S. Slinn, Jr., has the decoration for the Arkwright Club this week at 320 Broadway, of which he is a member. Over 500 American Beauties, with abundance of smilax and lilac will be used at the banquet.

C. W. Ward, of the Cottage Gardens, is at Charlestown, W. Va., this week, and will return to the city Saturday.

W. H. Elliott, of Brighton, Mass., was in town on Monday.

John B. Nugent, of Young & Nugent, was unfortunate, with many others of the wholesalers in New York, in having several large shipments of stock frozen during the cold snap of a week ago. He is handling superb Liberties, 500 to 2,000 daily, some with four to five-foot stems, for which he realizes as high as 50 cents.

Arthur Cowee was in town on Saturday on his way home from the meeting of the New Jersey State Horticultural Society, before which he lectured on his favorite theme, the gladiolus. He has secured two acres of space at the St. Louis World's Fair for his exhibit there next summer. J. Austin Shaw.

ST. LOUIS.

The Market.

The weather the past week has been most beautiful, it being warm, with plenty of sunshine. Cut flowers are in great abundance at the wholesale houses. Complaints are heard on all sides of dull business. Some of our florists have orders for decorations for small affairs and there is about the usual activity in funeral work, but transient trade is reported as generally poor. The fakirs, who have been kept indoors during the holidays, are out again in full force during these nice days.

Prices on stock have fallen, especially on violets and carnations. Of the first named, Californias are coming in heavier every day and consignors have to be satisfied with whatever price they bring. Double violets are very much neglected in this market. Therefore with the advent of southern stock we look for very cheap violets during the rest of the month. At the present time they are selling at 25 and 50 cents per single hundred, but much cheaper in 1,000 lots.

Of carnations we may say there is a big glut of all varieties, including white, which has a fair demand. The quality of the stock is very good, with prices as low as $10 per 1,000. In 100 lots $2 to $4 is asked and for extra fancy $5 and $6. Signs are again displayed in down-town windows which call for 25 cents per dozen, a great contrast with only a few weeks ago. There is also a big pile of bulbous stock coming in, in fact more than the wholesalers can dispose of. Romans, Paper Whites and valley are selling very cheap. Callas are more plentiful and sell well until Harrisii comes in, which will be about next week. Some freesias are in, but not many. Some calls were heard the past week for tulips, Von Sion and Dutch hyacinths, but none are in the market as yet.

American Beauties are arriving in better quality than they have been, still a great many of them are "bulls." Some excellent stock was seen from Ammann of these. Fancies are scarce, but plenty of those with medium stems are in, also shorts. Good tea roses are not so plentiful, still enough Brides and Maids are in for the demand. Meteor and Liberty of the second grades, with short stems, are abundant but fancy grades are somewhat scarce. Golden Gate, Carnot and Ivory sell well, also Perle. Top price on these runs from $6 to $8 for selects and $3 and $4 for firsts; seconds sell at almost any price. All greens seem to move well at their usual prices.

Various Notes.

W. Murray Hendrix, of Gainesville, Ga., was a visitor, representing the Stonewall Lumber Co., selling orchid boxes.

E. W. Guy, of Belleville; J. W. Dunford, of Clayton, and "Billy" Winter, of Kirkwood, made friendly calls the past week. Mr. Winter reports that he will visit Chicago and Joliet this week on the lookout for new carnations.

Rudolph J. Mohr's new card reads, "Superintendent of Landscape, British Pavilion, World's Fair Grounds."

Thomas Maher, landscape gardener, fell while trimming trees in front of Dr. Foster's residence last week and died at the city hospital, his skull being fractured and three ribs broken.

Henry Ostertag was kept hustling with some big decorations the past week.

The Eggeling Floral Co. and Emil Schray, in South St. Louis, report some heavy funeral orders of late.

At Grand and Olive streets the four florists in this section are making an elegant showing of cut flowers but report trade somewhat light the past week.

There is nothing but good news to report from our sick brothers, Max Herzog, Carew Sanders, Julius Koenig and John Hudson. All are coming around nicely and will soon be out to greet their friends.

The prospects of a big delegation from here to attend the carnation meeting at Detroit, March 2, is good. Some ten are now in line, with more to hear from. This delegation will make an effort to have the carnation society come to St. Louis in 1905.

We are very sorry to have to report this week the sad news of the death of Mrs. Max Herzog, which occurred Sunday afternoon at her home at Gratiot Station. The funeral was held on Tuesday at 2 p. m. Mr. Herzog's many friends, I know, are with me in extending to him and his daughter our heartfelt sympathy.

Bowling.

Since returning from the last convention at Milwaukee the bowling club has rolled fifty-five games in which the following totals, averages and high single scores were made:

Players.	Games.	Total.	High.	Av.
C. A. Kuehn	49	8860	243	181
Carl Beyer	35	6129	259	175
A. Y. Ellison	6	1051	209	175
J. J. Beneke	52	8996	218	173
Will Adels	24	3903	217	163
Theo. Miller	55	8637	214	157
F. M. Ellis	44	6594	191	150
F. C. Weber	30	4475	206	149
O. R. Beneke	28	4042	191	144
F. J. Meinhardt	51	6751	173	132
John Young	24	3077	184	128
Fred Weber	24	3025	158	126

The club bowled at the new alleys on Monday, your scribe feeling extra good in the three games, making an average of 214 and a single game of 253. Team No. 1 won all three games, by the following score:

Team No. 1.	1st.	2d.	3d.	T'l.
J. J. Beneke	184	253	206	643
Wm. Adels	205	145	124	474
F. C. Weber	141	152	160	453
O. R. Beneke	152	111	102	365
John Young	112	132	117	361
Totals	794	793	709	2,296
Team No. 2.	1st.	2d.	3d.	T'l.
C. A. Kuehn	173	172	132	477
A. Y. Ellison	177	130	149	456
F. J. Meinhardt	126	156	126	408
F. M. Ellis	130	148	133	411
F. Weber, Jr.	110	138	111	359
Totals	716	742	651	2,111

J. J. B.

WORLD'S FAIR EXHIBITS.

F. W. Taylor, superintendent of horticulture at the St. Louis World's Fair, states that there have been planted in the outdoor display over 17,000 roses and 100,000 bulbs.

CALENDARS RECEIVED.

John Lucas & Co., Philadelphia, glass and paint; P. J. Berckmans Co., Augusta, Ga., nursery stock; J. J. Foley, New York, flowers; Idlewild Greenhouses, Memphis, Tenn., flowers; A. C. Brown, Springfield, Ill., seeds and flowers; J. C. Murray, Peoria, Ill., flowers; S. J. McMichael, Findlay, O., vegetable plants.

Vegetable Forcing.

CHICAGO. Jan. 13.—Radishes, per bbl., $2 to $5. Lettnce, head, per bbl., $1 to $1.25. Cucumbers, per doz., 50 cents to $1.25.

IN the last three months of 1903 Paul Swanson, Chicago, says he picked 3,200 pounds of mushrooms from 4,500 square feet of beds.

PROF. GALLOWAY, of the bureau of plant industry of the United States Department of Agriculture, has asked for an appropriation of $10,000 to be expended in the study of means to ameliorate the ills with which the crops of vegetables forced under glass are afflicted.

CUCUMBERS.

Where a grower's facilities are not of the best or the houses not of the bright, up-to-date build it is rather uphill work to handle a crop of cucumbers through the dull months of the vear, but if started now, by the time they get well under way the days will be growing longer and brighter and the handling of the crop will be comparatively easy.

In a former article I gave my ideas regarding the starting of the seeds, but for the information of beginners who may not have seen the article mentioned and who may want a little enlightenment, a few hints may not be out of place.

The White Spine variety seems to take the market best and is the easiest to handle. Starting them now, I would place three or four seeds in a 4-inch pot in a light, free soil, such as one composed of equal parts of sand, leafmold and loam finely sifted. Care should be taken to place the seeds with the thin, flat end downward, as the root is emitted from this end, and they will start quicker and stronger if the seeds are properly placed than they will if carelessly thrown in.

A propagating pit, where a bottom heat of about 75 degrees can be maintained, will be a good place to start them. Cover the pots with glass to help conserve the heat, and also keep mice from getting at the seeds, for which they seem to have an especial fancy; if there are any mice around, they will quickly find the seeds and root them out.

When well started remove to lighter quarters to prevent drawing, but shade from strong sunlight for a few days, then gradually wear the shading off. They should not be allowed to become pot-bound or a check may result. Don't attempt to divide the potful, but plant it in as it is, and if four plants are in the pot thin out to three after they have got a hold of the new soil.

Cucumbers require a fairly rich soil. One composed of good, fibrous loam, not too finely broken up, with a liberal addition of old cow manure, will suit them. The old custom of placing a few shovelfulls of soil in a hill and planting in this in place of filling the bench up at once is, I think, a good one, as when water is applied it quickly drains off and elminiates the danger of stem-rot, which is sometimes troublesome if the soil around the plants is kept too wet before the plants are strong enough to take up the moisture. Fresh soil can be added from time to time, as the roots appear on the outside of the hills. Only a little need be added at a time. This system seems to coax the plants along. Probably the freer admission of air to the soil has much to do with it, but certainly the plants come along quicker and grow stronger than when the bed is filled up at once.

About four feet apart is the best distance for the hills. When a growth of about two feet has been made the points of the leading shoots should be taken out to throw the strength into the side shoots, as it is on the latter almost exclusively that the female flowers are produced.

Hand pollination is necessary to insure a good set and the operation will be most successful if done when both the flowers and the atmosphere of the house are dry. The simplest means of pollination is to pull off the male flower, first making sure that the pollen is ripe, and shake on to or rub lightly over the pistil of the female flower. If properly handled, fruit should set at almost every joint. The pinching off of the lateral shoots will need frequent attention to prevent the plants from becoming too thick and the shoots from crowding one another.

The atmosphere of the house should be kept damp and the plants syringed on bright days to prevent the attacks of red spider. Regarding temperature, they can be grown at 60 degrees by night, but if 65 can be kept up, so much the better. It won't do any harm to run them up 20 degrees higher by sun heat, as long as a little air can be kept on.

When the plants are carrying a heavy crop they can be assisted by the application of liquid manure. It is better to apply this often and weak rather than run the risk of causing injury by making the liquid too strong.

W. S. CROYDON.

.....BUSINESS AND OTHER NOTES.....

BAYSIDE, L. I.—The greenhouses of William Bell were burned January 6, the loss being $2,000 on buildings and $6,000 on stock, all insured.

LEBANON, IND.—W. A. Bilger, formerly owner of the local greenhouses and lately a resident of St. Louis, has been employed as florist at Oak Hill cemetery.

BLUFFTON, IND.—As a result of the brisk Christmas trade Myers & Co. will double their planting of carnations next year, with Lawson and Wolcott predominating.

CLEVELAND, O.—The Cleveland Cut Flower Company, $10,000, has been incorporated by George Bate, F. R. Williams, H. G. Cause, J. M. Eaton and E. S. Park.

SPRINGFIELD, O.—There is a suit pending between C. A. Allen and B. F. and Lidia A. Halev, of the Fairview Floral Co., owing to a disagreement as to the dissolution of relations.

CAMBRIDGE CITY, IND.—Owing to the increasing business of Howard & Lively, Oscar Howard has resigned his place with Bertsch & Co. to give his entire time to the greenhouses.

DENVER, COLO.—Thomas Woolen, 20 years old, turned off a light in the greenhouse at Elitch's Garden and received an electric shock which rendered him unconscious for several minutes. Regaining consciousness he took hold of another light to show a fellow employe how it happened and received a shock which was instantly fatal.

DES MOINES, IA.—The united retail businesses of W. L. Morris and R. L. Blair will be carried on at the old Morris stand, 609 Walnut street, as the Morris-Blair Floral Co., with Mr. Blair in charge. Mr. Morris will devote his time to the management of his greenhouses. W. E. Kemble, of Oskaloosa, is also a partner in the new firm and much of the stock handled will come from his place.

LEADVILLE, COLO.—The City Greenhouse, conducted by Mrs. A. E. Johnson, is doing a nice trade.

HILLSDALE, MICH.—Carl Hirsch has established a branch store at Jackson, in the drug store of Waldron & Todd.

KINGSTON, ONT.—George Lloyd, formerly with L. O'Sullivan, West Superior, Wis., has gone into business for himself here with 3,000 feet of glass and an acre of land.

PHILADELPHIA, PA.—Godfrey Aschmann writes that he is working up the largest stock of Easter plants he has ever had. His specialties are azaleas and araucarias.

DECATUR, IND.—Jacob Closs, Jr., has a Ponderosa lemon in his greenhouse with a fruit measuring eleven inches in circumference. He obtained the plant from Springfield, Ohio, last spring.

GRAND ISLAND, NEB.—The Ellsworth Greenhouses report the business for 1903 as fully double that of any preceding year. They have recently completed the entire reconstruction of their houses to obtain facilities equal to the requirements of their increasing trade.

READING, PA.—Henry J. Huesman & Son have bought out the well known Brooksido cut flower store at Fifth and Franklin streets, and will continue it in connection with their greenhouses at Schuylkill and Greenwich streets. The firm enjoys a large retail plant and cut flower trade.

SAVANNAH, GA.—Christmas and New Year's trade was considerably better this year than ever before, good stock, plenty of it and good prices. Everyone sold out clean. A. C. Oelsenig says flowering plants went better than ever. This has been the coldest winter on record; since the middle of November the furnace has never been out of use, but fortunately we have coal this season.

TORONTO.

Christmas trade was greater than ever. Roses, carnations, violets and valley were all ordered ahead of time. There were a few nice mums for sale and poinsettias were one of the leading red flowers, which realized good prices and ready sale. Azaleas were the queen of plants offered and were of good quality. Some very fancy obeonicas were grown by John Webber.

New Year's trade was fair, some customers returning the Christmas gifts.

Grobba & Wandrey are sending in some fine lilacs, azaleas and Trumpet Major daffodils.

William Hill has displayed in his window some very fine stems of Euphorbia jacquiniæflora, which proved to be quite an attraction, a novelty to the public, apparently not having been exhibited in Toronto before.

Funeral work has been plentiful and some good pieces have been turned out.

I might say the coldest snap experienced in years came Monday, January 4, when the thermometer registered locally from 12 to 25 degrees below zero, and a few small places had Jack Frost visit them. F. W. J. H.

Monticello, Ill.—A greenhouse 22x76 is being built at the university.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

WANTED—An assistant florist; state experience and wages expected with board and room; send references. Address I. L. Pillsbury, Galesburg, Ill.

SITUATION WANTED—As foreman or to take charge of section, by an up-to-date grower of roses, carnations, mums and general line of bedding plants, age 35, single, with 20 years experience; state wages and give full particulars. Address No. **22**, care Florists' Review, Chicago.

WANTED—Married man of good experience wishes to lease a place of moderate size. Must be adapted to growing roses and carnations of high grade. Must be a plant of up-to-date houses Address No. **20**, care Florists' Review, Chicago.

SITUATION WANTED—A competent American born man in all lines of greenhouse business would like a position where he could take charge and relieve proprietor that he might get out and hustle among the trade. Middle aged, no bad habits, refined, very industrious, references the best. Address No. **21**, care Florists' Review, Chicago.

SITUATION WANTED—By a single German, age 30. Life experience in greenhouse work, cut flowers and pot plants. Able to take entire charge or section man. Chicago preferred. Address No. **23**, care Florists' Review, Chicago.

FOR SALE—Range of modern greenhouses, 10,000 feet, in city of 15,000; have other business 500 miles from this location; will sell at about half cost; two-thirds of purchase price can have 5 years' time on, or any terms to suit purchaser. Good 7-room house. The bare land would sell for half the price asked. For full particulars address No. **24**, care Florists' Review, Chicago.

SITUATION WANTED—Near Chicago, by a young all-round florist; 14 years' experience in America and foreign countries; first-class grower of orchids palms and ferns, also forcing and decorating; state wages. Address No. **25**, care Florists' Review, Chicago.

WANTED—A bright, honest boy for retail florist store, one who has had some experience preferred and is acquainted with the city and who wants a steady position; state age, salary and reference. Address No. **26**, care Florists' Review, Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. **28**, care Florists' Review, Chicago.

SITUATION WANTED—As grower of carnations, mums and general line of pot plants; life experience in general routine floriculture; 36 years of age; married; good references; Southern states preferred. Address No. **29**, care Florists' Review, Chicago.

SITUATION WANTED—By grower of roses, carnations, pot plants and general bedding plants; age 34; single; 15 years' experience. Address Frank Danley, Macomb, Ill.

WANTED—An all-round man to take the place of second man for general greenhouse work; at once. Address D. E Gorman, Williamsport, Pa.

FOR SALE—Fine chance for an energetic man with small capital to acquire a well established retail florist store business with best trade in city. Also greenhouses (12,000 ft. glass); good location; everything in running order; will sell together or separate at a bargain; cause poor health. Address Schluraff Floral Co., Erie, Pa.

FOR SALE—Greenhouse in good order; heated by hot water; stocked with a good variety of plants; store room, front suitable for cut flower trade; stable in the rear large enough to accommodate three horses and wagon; well located and doing a good business. Apply to E. E. Nock, southeast corner 46th street and Baltimore avenue, Philadelphia, Pa.

SITUATION WANTED—By an energetic man; single; aged 28 years; as working foreman in cut flowers and plants; can furnish good recommendations in both lines. Address A. M., care F. R. Hills, Maywood, Ill.

WANTED—By March or April—An upright young man acquainted with culture of vegetables and plants. Good place for the right party. State wages wanted with board. Give reference. Address Augustus Caspers, Rochelle, Ill.

WANTED—One or two men for gentlemen's places; they must be capable of growing vegetables and fruit, together with bedding plants, the care of greenhouse and conservatory, shrubbery and lawn work; good wages for right men; situations permanent; inexperienced men need not apply. Address No. **18**, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, at 6c per foot; also some 4-in.; several small and medium-sized boilers, and quantity double thick glass at $2.75 per box. Address W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouse, about 12,000 ft. glass; a first-class retail and wholesale place, will sell cheap if sold at once. Address W. H. Kreiter, Massillon, Ohio.

WANTED—A manager, propagator of plants for catalogue trade; also grower of carnations and roses; state wages and ability; correspondence solicited. Walter S. Hall, Osage, Iowa.

WANTED—Young man who understands growing pot plants in retail place of 10,000 feet glass; Chicago. Address No. **19**, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; good grower of cut flowers and general stock, also designer; German, single, 26 years' experience; competent, sober and reliable; please state wages. Address Florist, 15 Rice st., North Cambridge, Mass.

WANTED—To represent reliable nursery and seed firms in fruit growing and farming country of Western Montana. Address Wm. Henrichsen, 432 Stevens st., Missoula, Mont.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

FOR SALE—I have three nice greenhouses well stocked with Easter and spring plants; potting shed 12x50 feet; 1 large wagon shed, holds 2 wagons; 1 rose bed; about 25 sash for outdoor beds; good will and fixtures of a stall in the best market in Philadelphia; can get back price asked in 6 months; have good reason for selling. Apply to William G. Wenker, Powder Mill Lane, Frankford, Philadelphia, Pa.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1¼-in., 5¾c; 1¼-in., 3¼c; ¾-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies, No 1 stock $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil, putty white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

		Per Doz.
AM. BEAUTIES, ex. long stem		$5.00
" "	30-36 in. stem	4.00
" "	24-in. stem	3.00
" "	20-in. "	2.00
" "	15-18-in. stem	1.50
" "	12-in. stem	1.25
" "	Short stem, per 100,	$6.00-8.00

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & O. on orders over $5.00.

Mention Review when you write.

WANTED.

Wanted by an eastern seed house, **Stock Clerk** for vegetable seeds. Address **No. 27**, care Florists' Review, Chicago.

WANTED.

An up-to-date firm in the south wants a "Beauty" grower; also man to grow pot plants, hydrangess, cyclamen, etc., for store trade. Apply at once to

DEGNAN,

Care E. F. Winterson Co.

45 Wabash Ave., CHICAGO.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

A High-Grade Business Opening.

One-half interest is offered in one of the best located and equipped commercial ranges in New England to a practical grower who will take full charge of the business. This is a high-grade producing proposition, consisting of 100,000 square feet of glass, and the opportunity to make liberal profits are exceptional. The health of the owner necessitates this offer. All correspondence will be treated in confidence. Only those having the ability and means can be considered. Address—

No. 16, care Florists' Review

CHICAGO.

Always mention the Florists' Review when writing advertisers.

ORCHIDS.

Cattleyas $6.00 doz. Cypripediums $2.00 doz.

Also LARGE SUPPLIES OF ALL STAPLES.

Special Brides and Maids, Fine Beauties

FANCY and ORDINARY CARNATIONS,

"GREEN GOODS." Write us your needs to-day.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.50
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $1.50	12.00
Leucothoe sprays	.75

Subject to change without notice.

BUFFALO.

Good Bowling.

It is not often I bother you, Mr. Editor, with any sporting news or bowling scores, but having attended a tournament game last night I feel proud to recount the prowess of the five athletes who call themselves the Florists in the "Big Five" tournament now going on in this city. The "Big Fives" are ten teams of five men each, and the tournament began in October, and will last till April. Some of the teams are the strongest in the country and include Champion Eddie Gebhardt with an average in thirty games of 202, and many others. The Florist team is in sixth place, but coming fast. Last night they took two out of three games from the "Opportunes," a team any one of the five of whom could give George Asmus or Mr. Wilcox a terrible laying out. A few of our florists might call around on the nights our boys play a match. I am sure it would encourage them. If this team holds together, it's all off at St. Louis and interest will center about in who will be second. As I sat watching the foul line last night I thought what an entertaining thing to have instantaneous photographs of the men taken at the instant of delivery and the few following seconds and then reproduced on the biograph. Staid old business men were playing there in a business men's league and the attitudes they put themselves in to watch the results of their effort could not have been more earnest and serious if they were guiding the launching of a 700-foot vessel of their own building. Here is the score of the florists:

Player.	1st.	2d.	3d.
G. McClure	166	185	190
S. Wallace	185	173	187
W. Weber	207	201	182
W. B. Scott	187	194	184
C. Reisch	180	170	207

Various Items.

I regret to tell you that fire destroyed the shed and the ends of three houses of Frank B. Lewis, of Lockport, one day last week. The city water supply was very inadequate and the fire had done much damage before it was subdued. A great amount of stock was frozen and, worst of all, no insurance. This is too bad.

The business of the past week could be easily summed up without further comment by the little word "quiet," and quiet I believe all will agree it is.

W. S.

WE are great admirers of the REVIEW.—H. O. HANNAH, Sherman, Tex.

SPECIALTIES

White Lilac, $1.50 per doz.

Fancy **MIGNONETTE,** $1.20 per doz

Good **MIGNONETTE,** 75c per doz.

Fancy Carnations, Roses, Beauties,

AT PRICES THAT WILL SAVE YOU MONEY.

A. L. RANDALL CO.

WHOLESALE FLORISTS,

19-21 Randolph St., CHICAGO, ILL.

Mention Review when you write.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems, per 100	$6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $8 00
Ivory	5 00 to 8 00
Liberty	6 00 to 15 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

CUMBERLAND, MD.—Fire destroyed the greenhouses at Peter and Paul's Monastery on December 31.

ALTOONA, WIS.—The greenhouse at Keefe's market garden was burned January 3, loss about $1,800.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz.,	$1.50
ALYSIA Nana Comp., Bonfire	" 25c.	¼ oz., 75c.	oz.,	2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz.,	1.00
PETUNIA, large flowering, fringed, mixed			pkt.,	.50
PETUNIA, double, large flowering, fringed, mixed			"	1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz.,	5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz.,	9.00

Our Wholesale Catalogne mailed free January 1st.

Stumpp & Walter Co
50 Barclay St. N.Y.

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis Mo., June, 1904.

VISITED CHICAGO:—W. H. Grinnell, Pierpont Manor, N. Y.

VISITED ST. LOUIS:—Frank J. Ries, representing the Goodwin, Harries Co., Chicago.

W. R. FRENCH, dealer in hides and wool at Waterloo, Ia., is also a buyer of seeds.

W. E. MARSHALL, New York, was thrown from a sleigh at Newport, R. I., January 7 and dislocated his shoulder.

ONION sets are quoted at $7.60 per bushel in the 1904 catalogue of a prominent seed house. This is evidently a mistake.

A SOUTHERN truckers' guide to hand this week quotes Stowell's Evergreen and Country Gentleman sweet corn at $3.25 per bushel.

THIS is likely to be a year when it would have been well for the trade to have adopted a uniform scale of prices previous to printing their catalogues.

THE scarcity of some of the wax podded varieties of beans is so great that there will be a difficulty in getting enough of them together for stock seed purposes.

BETWEEN $3.25 and $15 there is quite a difference. These are the highest and the lowest bushel prices noticed in the 1904 catalogues, for Country Gentleman sweet corn.

GRADUS peas are quoted in some of the retail catalogues at $9 per bushel. This is $3 per bushel less than jobbers are offered for five to ten bushel lots of this variety.

THE only shortages that seem to be serious are beans, wax podded varieties; sweet corn, all late varieties; cucumbers, all pickling varieties; egg plant, choice stock; asparagus seed, most varieties; beet, Edmand's; peas, Gradus; rhubarb.

NONE of the prices asked for wax beans in the 1904 catalogues are high enough. If the dealer has to buy at present values to complete filling his orders he will pay the jobber as much or more than he asks in his retail catalogue.

THAT current catalogue prices are not the actual values of sweet corn will be made plain by ordering the article from any of the dealers who quote low. If money is enclosed with the order the chances are that it will be returned with the statement that stock is all sold, or "we have some secured later at a higher price that is available."

ALL the important catalogues have now been mailed and the general report is that mail trade with the south is opening satisfactorily, but that demand from the north is slow in starting, possibly due to severe weather, where it had been expected that the well understood shortage in many lines would result in early orders.

THE one hundred and third annual edition of the general catalogue of J. M. Thorburn & Co., New York, is worthy of the study of all catalogue makers. The cover is rich without being gaudy and the mechanical features of the book are excellent. The type is clear, the paper heavy and opaque, so that the half-tones show up much better than on most highly calendared stock. The binding, too, is noteworthy in that the book is sewed with thread instead of being stitched with wire staples, as is the case in other catalogues. This permits the catalogue to open flat.

CORN BREEDING.

Funk Bros. Seed Co., Bloomington, Ill., has attracted much attention by the success which has attended efforts at up-breeding in corn. At the annual meeting of the American Breeders' Association J. D. Funk gave an account of the work, which is summarized as follows in the press report recently issued:

Commercially the corn breeder must have one aim and only one, that is utility. The acre is the farmer's unit. There are three ways to increase his profits per acre; improvement of fertility, improvement of culture, and improvement of productiveness of seed. The commercial breeder of corn must increase the number of shelled bushels of grain per acre, and also increase the feeding value of the bushel. On farms aggregating 25,000 acres in area, Mr. Funk and his partners breed a number of varieties of corn. They have twenty or thirty isolated, small fields or corn nurseries. On each are planted the seeds from each of fifty or sixty numbered ears of a certain variety, each ear being planted in a single row which is also numbered. Before tasseling, all plants that are seemingly barren of an ear are detasseled, and weak or objectionable rows are entirely detasseled and thrown out. Each row is husked separately and the corn weighed. By this means is secured the yield per plant of the progeny of each mother plant. From each of the eight or ten rows giving the highest rate of production, thus showing their mother ears to have had the highest breeding power, are saved several of the best ears for mothers of rows in the next year's nursery. From these same best rows, seed is also saved for larger plots, the yields of which the next year are also recorded. The yields of the mother plants, their centgener yields in nursery rows, and the yields of the field plots, become performance records of the strains of corn as the individual track record and the record of numerous of his progeny, become the performance records of the trotting horse.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

A. LeCOQ & CO.
DARMSTADT, GERMANY,
..... Wholesale Dealers in .....
Grass, Clover,
AGRICULTURAL and FOREST TREE SEEDS
Prices and Samples on application.

Mention Review when you write.

New Chrysanthemums
The best of the Novelties shown at New York this year are from my last year's set.
Another great set described in my special list just out. Sent post free. Write for it.
W. WELLS & CO.,
EARLSWOOD, - - SURREY, ENGLAND.

SEEDS Write for prices on quantities wanted of
Peas, Cabbage, Beet, etc.
SURREY SEED CO., Ltd.
REDHILL, ENGLAND.

J. DIJKHUIS & CO.
BOSKOOP-HOLLAND.
QUALITY.... ....QUANTITY.
Ask our prices for Azaleas, Rhododendrons, Peonies, Roses, Hardy Evergreens, Clematis, Etc.
Price List Free on Application.

POTATO Northern Star
THE TALK OF THE GARDENING WORLD.
For lowest cash price address
WM. DEAL, Jr., F. R. H. S.
FEERING HILL, KELVEDON, ESSEX, ENGLAND.

Burpee's Seeds Grow

SEEDS
THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.
COTTON GRAIN BAGS. CHICAGO ILL.

DREER'S RELIABLE Flower Seeds.

We give below a short list of things which should be sown early. ALL NEW CROP OF FINEST QUALITY.

	Trade Pkt	Oz.
Ageratum Blue Perfection, dark blue	$ .15	$ .50
" Cope's Pet, light blue	.15	.35
Alyssum Little Gem or Carpet of Snow	.10	.25
Asparagus Plumosus Nanus, true, $1.00 per 100; $7.50 per 1000 seeds.		
Asparagus Sprengeri, 15c per 100; $1.00 per 1000 seeds.		
Begonia Semperflorens, Vernon	.25	2.50
" " " mixed	.25	1.50
Candytuft Empress, best white	.10	.20
Carnation Marguerite, mixed	.20	.75
Centaurea Gymnocarpa, 15c per 1000 seeds		.35
" Candidissima, 25c " "		1 50
Cobaea Scandens, purple	.10	.30
Cyclamen Per. Giganteum, white, rose, blood red and white with red eye, 75c per 100; $6 00 per 1000 seeds.		
Cyclamen, finest mixed, 60c " 5.00 " "		
Dracaena Indivisa	10	.30
" Australis	.20	.60
Grevillea Robusta	.15	.40
Ipomoea Grandiflora (Moon Flower)	.15	.50
Lobelia Crystal Palace Compacta, true	.30	1 25
" Gracilis, light blue, trailing	.15	.40
" Speciosa, dark " "	.15	.50
Pansy, Dreer's Royal Exhibition, the finest mixture	.50	8 00
Petunia, Dreer's Superb Double Fringed, 75c per 500; $1 50 per 1000 seeds.		
Petunia, Dreer's Superb Single Fringed	.50	
$1.25 per 1-16 oz.; $2.00 per ⅛ oz.		
Pyrethrum Aureum (Golden Feather)	.10	.25
Salvia Splendens (Scarlet Sage)	.25	1 00
" " Bonfire	.40	2.25
" " Burning Bush	.30	1.50
Solanum Capsicastrum (Jerusalem Cherry)	.10	.25
Stocks, large flowering, 10-week, in six colors	.40	2 50
" " " 10 " finest mixed	.30	2.00
" " " 10 " Princess Alice	.50	2.50
Thunbergia, finest mixed	.10	.40
Torenia Fournieri	.30	2.00

DREER'S MAMMOTH VERBENA.

	Trade Pkt.	Oz.
Verbena, Dreer's Mammoth, in white, scarlet, pink, purple and striped.	$ .30	$1.50
" " " finest mixed	.25	1.00
Vinca Rosea, rosea alba, rosea alba pura	.15	.50
" " mixed	.15	.40

Our New Wholesale Price List and Garden Book for 1904 has been mailed to all customers.

FOR FULL LIST OF ASTERS, etc., etc., please see the list — mailed free to all florists.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

OUR 1904 TRADE LIST

Containing a complete assortment of vegetable and flower seeds now ready.

A post-card will bring it to any who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention Review when you write.

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1.00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, · ALLEGHENY, PA.

JOHNSON & STOKES'

NEW CROP CHOICE FLOWER SEEDS Highest Quality

The Seeds herein offered are selected with the greatest care, and can be depended upon to be the very best obtainable.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection	$0 10	$0 50
Alyssum, Little Gem	10	25
Asparagus Plumosus Nanus (new crop), per 100 seeds, $1.00; per 1000, $7.50		
Aster, Queen of the Market (the earliest white, pink, light blue, dark blue and scarlet	10	50
Aster, Semple's Branching, mixed	10	50
" " " separate colors,	15	75
Candytuft, Empress (selected)	10	20
Clematis Paniculata, white	10	40
Centaurea Candidissima (1000 seeds)	25	1 25
Double Daisy (Bellis), Giant Snowball	20	2 50
" " Longfellow rose	20	2 50
" " Mammoth, mixed	20	2 25
Lobelia, Crystal Palace Compacta, ⅛ oz.,	25	1 25
Mignonette, Machet (true)	10	40
Pansy, J. & S. Kingly Collection mixed, 1000 seeds 30c, 2000 seeds 50c, 5000 seeds $1.00		$5 00
Petunia. Giants of California, 1000 seeds 50c, 1 32 oz. $1.00.		
Petunia, extra large, double fringed, 500 seeds 60c.		
Salvia Splendens (Scarlet Sage), ¼ oz.	$0 25	1 00
" " Boufire	25	2 00
Shasta Daisy (Burbank's), 100 seeds 20c, 1000 seeds, $1.25.		
Smilax (new crop), per lb. $2 25		20
Stocks, Large Flowering German, ten weeks, separate colors	25	2 50
Thunbergia, mixed	10	35
Verbena, Mammoth, mixed, 2000 seeds,	20	1 00
" " separate colors, 2000 "	25	1 25
Vinca Rosea, alba, alba oculata	10	50

Send for Our New Illustrated Catalogue, just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention the Review when you write.

GLADIOLUS BULBS.

50,000 first size and 50,000 second size, common, mixed stock, grown from seedlings that had a few choice varieties—less than one per cent—taken out. Grown by a neighbor who sells the blooms. Price away down.

M. CRAWFORD, Cuyahoga Falls, Ohio

Mention The Review when you write.

Florists' Seeds

New Crop Now Ready.

Send for our New Catalogue of

FLOWER and VEGETABLE SEEDS

Special Prices to Florists.

WEEBER & DON, Seed Merchants and Growers,

114 Chambers Street, NEW YORK.

Mention the Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

SAMUEL S. PENNOCK,
Gardenias. Orchids. Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.
WHOLESALE FLORISTS. ROSES, VALLEY, BEAUTIES and CARNATIONS.
Mention the Review when you write.

EXPANSION.

I would like to ask about connecting our boiler with city water. As it now is we have an expansion tank set on top of the house, about twenty feet above the boiler, with a supply pipe from the city main. This tank is made of wood and has got to leaking and the question is should we abandon the tank altogether and connect with the city water direct? Or should we put up a closed tank in place of the old one? Which would you recommend? If you think a closed tank would be best please tell us how to make it. Would heavy galvanized iron answer the purpose? I cannot see why direct connection with the city main would not do. The city pressure is about sixty pounds and our supply pipe ¾-inch.

J. W. M.

Many plants using hot water under pressure are connected directly with the city mains. Unless the piping is all or maleable iron, put together with threaded joints, it will not be advisable to adopt this system, as few hot water plants or boilers are constructed to work under sixty pounds pressure. Your safest plan would be to replace the present leaky expansion tank with a galvanized iron tank of proper size, similar to those used for the storage of water heated by a water front in a kitchen range. These tanks range in size from fifteen to 100 gallons and will probably prove less expensive than a similar tank made of any other metal. It will not be satisfactory to use a closed tank. Even if the hot water tank referred to be employed it must be provided with a small vent pipe to allow for escape of air or overflow in case too much water gets into the system.

L. C. C.

CARNATIONS REGISTERED.

John E. Haines, Bethlehem, Pa., registers Juno; color, a bright scarlet, in size three inches and over, well formed flower, fragrant and does not burst the calyx; stem long and strong, a free bloomer from September to June and a rapid grower. Imperial, color a pink variegated, stems from thirty to thirty-six inches long, size of flower three and one-half inches, a free bloomer with hardy growth, blooms from September to June.

Albert M. Herr, Sec'y.

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J. C. Garden & Sons.

Rose "Quality"

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Cattleya Percivalliana, $40.00 per hundred.
Cattleya Trianae, - - 60.00 "
Fine Sprays of the beautiful Pink CALANTHE VEITCHII at 5c per flower.
LAELIA ALBIDA (White) in fine sprays ..... at 5c "
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Bostons—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
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Wholesale Cut Flower Prices.

Philadelphia, Jan. 13.

	Per doz.
Beauties, Specials	$6.00
" Extra	5.00
" No. 1	$ 3.00 to 4.00
" Shorts	1.50 to 2.00
Queen of Edgely, Extra	4.00
" " No. 1	2.00 to 3.00
" " Shorts	1.50
	Per 100
Bride and Bridesmaid, Specials	$10.00 to $12.00
" " No. 2	4.00 to 6.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	4.00 to 6.00
Liberty, Firsts	25.00 to 40.00
" Seconds	6.00 to 15.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 6.00
Perle	4.00 to 8.00
Sunrise	6.00 to 10.00
Ideal	6.00 to 12.00
Orchids, Cattleyas	60.00
" Vandas	20.00 to 25.00
" Laelias	25.00
" Cypripediums	15.00
Carnations, Commons	1.50 to 2.00
" Fancies	3.00 to 5.00
" Novelties	8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00
" Spreugeri "	2.00
Callas	8.00 to 12.50
Daisies	.50 to .75
Hyacinths, Romau	3.00 to 4.00
Daffodils	6.00
Gardenias	50.00
Lilium Longiflorum	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 4.00
Narcissus	3.00 to 4.00
Pansies	.75 to 1.00
Poinsettias	15.00 to 30.00
Smilax	12.50 to 15.00
Stevia	.50 to 1.00
Sweet Peas	1.50
Violets	.75 to 1.50

Lilac, $1.00 per bunch.

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Wholesale Cut Flower Prices.

New York, Jan. 11.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 10.00
" Shorts	2.00 to 5.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	4.00 to 10.00
Liberty	2.00 to 25.00
Meteor	2.00 to 6.00
Cattleyas	35.00 to 50.00
Cypripediums	10.00 to 15.00
Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.50 to 2.00
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Adiantum Cuneatum	.25 to .50
" Croweanum	1.25 to 1.50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	6.00 to 10.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	2.00 to 3.00
Mignonette, ordinary	1.00 to 5.00
Narcissus	1.50 to 3.00
Smilax	8.00 to 10.00
Violets, ordinary	.30 to .50
" specials	.75 to 1.00

Galax, $1.00 per 1000.
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Since the first of the year the tendency of prices has been steadily downward. At times during the past week there seemed to be no bottom to the market. Perhaps it is darkest just before dawn, and, in fact, prices have steadied a little and there is some prospect of an improvement over the quotations above.

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	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	4.00 to 5.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 7.00
" " No. 2	3.00 to 4.00
Carnot	3.00 to 8.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Liberty	3.00 to 12.00
Meteor	2.00 to 8.00
Mrs. Morgan	2.00 to 6.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	10.00 to 12.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri. "	1.00 to 3.00
Callas	8.00 to 12.50
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
Lilac	10.00 to 20.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Smilax	12.50 to 15.00
Pansies	.50 to .75
Sweet Peas	.50 to .75
Tulips	3.00 to 4.00
Violets, ordinary	.40 to .50
" extra	.75 to 1.00
Galax	.10 to .15
Leucothoe	.50 to .75
Common Ferns	.10 to .15

Milwaukee, Jan. 13.

	Per 100
Brides and Maids, Specials	$25.00
" " Extra	$18.00 to 18.00
" " No. 1	10.00 to 12.50
" " Shorts	6.00 to 8.00
Bride and Bridesmaid, Specials	6.00
" " Extra	4.00
" " No. 1	3 00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 6.00
Meteors	4.00 to 6.00
Perle	3.00 to 5.00
Carnations, Selects	2.00
" Fancies	3.00 to 4.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Callas	12.50
Daisies	.75
Hyacinths, Roman	2.00 to 3.00
Lily of Valley	4 00
Smilax	15.00
Pansies	.50 to .75
Stevia	3.00
Sweet Peas	2.00
Tulips	2.00
Violets, ordinary	.50
" extra	.75
Galax	.20
Common Ferns	.20

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Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

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Sphagnum Moss, $1.75 per large bale.

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Mention Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 13

	Per doz.
Beauties, 36-inch stems	$5 00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100, $6 00 to	8.00

	Per 100
Bridesmaids, Specials, $6.00 to	8.00
" Firsts, 4.00 to	5 00
Brides, Specials, 6.00 to	8.00
" Firsts, 4.00 to	5.00
Liberty, Specials	15.50
" Firsts, 10.00 to	12.00
" Seconds, 6.00 to	8.00
Golden Gate, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Meteor, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Mme. Chatenay, Firsts, 12.00 to	15.00
" Seconds, 6.00 to	10.00
Ivory, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Sunrise, Firsts	10.00
" Seconds, 6.00 to	8.00
Perles, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Carnations, Fancy, 4.00 to	6.00
" Commons, 1.50 to	3.00
Violets, .75 to	1.50
Paper Whites, 2.00 to	3.00
Romans, 3.00 to	4.00

Easter lilies, $2.00 doz.
Callas, $1.50 per doz.
Mignonette, $1.00 to $1.50 per doz.

Valley, 2.00 to	4.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings, 25.00 to	50.00
" Sprays, 2.00 to	6.00
Asparagus Sprengeri, Sprays, 3.00 to	6.00

Smilax, $1.50 per doz.
Common ferns, per 1000, $2.50.
Galax Leaves, $1.00 per 1000.

Pittsburg, Jan. 13.

	Per 100
Beauties, Specials, $30.00 to	$50.00
" Extra, 20.00 to	25.00
" No. 1, 10.00 to	15.00
" Shorts, 2.00 to	6.00
Brides and Maids, Specials, 12.00 to	15.00
" " " Extra	10.00
" " " No. 1, 6.00 to	8.00
" " " No. 2, 2.00 to	4.00
Cusin, 3.00 to	8.00
Liberty, 4.00 to	30.00
Cypripediums, 12.00 to	15.00
Carnations, Commons, all colors, .75 to	1.00
" Selects, 1.50 to	2.00
" Fancies, 3.00 to	4.00
" Novelties, 5.00 to	6.00
Adiantum Cuneatum, .75 to	1.00
Asparagus plumosus, Strings, 30.00 to	50.00
" Sprays, 2.00 to	4.00
" Sprengeri, " 2.00 to	4.00
Daffodils, 3.00 to	4.00
Daisies, .75 to	1.00
Freesia, 3.00 to	4.00
Hyacinths, Roman, .75 to	3.00
Lilac, per buuch, 1.00 to	1.50
Lilium Longiflorum, 12.00 to	15.00
Lily of the Valley, 3.00 to	4.00
Mignonette, ordinary, 3.00 to	4.00
" fancy	6.00
Narcissus, 2.00 to	3.00
Pansies, .75 to	1.00
Smilax, 10.00 to	15.00
Stevia	1.00
Sweet Peas, .75 to	1.00
Tulips, single, 2.00 to	4.00
Violets, ordinary, .20 to	.50
" extra, 1.00 to	1.50

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

HERE is another dollar; I am a beginner and I could not do without the REVIEW.—D. H. Cook, Easton, Md.

THE REVIEW is as necessary to the successful florist, as air and water to his plants.—W. W. NASH, Montrose, Pa.

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Wholesale Cut Flower Prices.

Cincinnati Jan. 13.

	Per 100
Beauties, Specials	$50.00
" Extra	$25.00 to 40.00
" No. 1	12 50 to 20.00
" Shorts	6.00 to 8.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gates	3.00 to 8.00
Liberty	3.00 to 12.00
Meteor	3.00 to 10.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Commons	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 8.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	12.00 to 15.00
Lily of the Valley	3.00 to 5.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	.50
" extra	1.50
Galax	.15
Leucothoe	.15
Common Ferns	.25

APPRECIATION.

From Massachusetts:—"Would not know how to get along without the REVIEW, as it contains much valuable information every issue."

From Ontario:—"We are much pleased with the REVIEW and would not care to do without it."

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YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

COULD not keep house without THE REVIEW.—E. E. ALLEN, Blairsville, Pa.

ANONYMOUS queries cannot receive attention. Names and addresses are necessary.

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Florists' Review

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St. Louis, Jan. 13.

	Per doz
Beauties, Specials	$5.00 to $8.00
" Extra	3.00 to 4.00
" No. 1	1.00 to 2.00
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Liberty	3.00 to 5.00
Meteor	3.00 to 5.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Commons	1.00 to 2.00
" Fancies	3.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	10.00 to 12.50
Daffodils	3.00 to 4.00
Freesia	3.00 to 4.00
Hyacinths, Roman	1.00 to 3.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	2.00 to 3.00
" fancy	4.00 to 5.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.00
Sweet Peas	1.00 to 1.50
Tulips, single	2.00 to 4.00
Violets, extra	.25 to .50
Galax	.15
Common Ferns	.15

WE like the REVIEW and would hate to be without it.—MISSES WILSON, Montgomery, Ala.

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WM. SCOTT,

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VERY LOW PRICES. LARGE STOCK.

Cut from bench for 6-in., $35.00 per 100. Beautiful plants in pots, 5-in. $4.00, 6-in. $9.00, 7-in. $15.00, 8-in. $24.00, 9-in. $36.00 per doz.; 10-in. $4.00, 12-in. $5.00 each.

BOSTON FERNS.

Very full, large plants, cut from bench, $50.00 per 100. Also in any quantity at $25.00 per 100.

Asparagus Plumosus Nanus.

3-in., $8.00 per 100. **SPRENGERI**—3-in. $5.00 per 100. Just right for pans.

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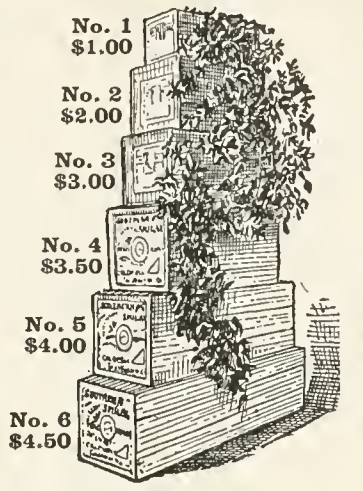

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Queen Louise, white..	$1.20	per 100.	$10.00	per 1000
Flora Hill, white.....	1.20	"	10.00	"
G. H. Crane, scarlet..	1.20	"	10.00	"
Estelle, scarlet.....	1.20	"	10.00	"
Mrs. Palmer, scarlet..	1.20	"	10.00	"
Mrs. Lawson, pink...	1.40	"	12.50	"
Mermaid, pink.....	1.20	"	10.00	"
Eldorado, yellow.....	1.00	"	9.00	"
Prosperity, var.....	1 40	"	12.00	"
Harry Fenn, crimson,	1.80	"	16.00	"

5 per cent discount on orders of $5.00; 10 per cent on $10.00 and up.

Cash with order. **EXPRESS PREPAID.**

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	Per 100	1000		Per 100	1000
Enchantress.	$6.00	$50.00	Challenger ...	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond.	5.00	45 00	Harry Fenn..	5.00	40 00
Prosperity....	2.50	20.00	Gen. Maceo..	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook ..	2.50	20.00	Bradt.....	3.00	25.00

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Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

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PLANTSVILLE, - - - CONN.

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Geraniums..

Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.

VINCAS—Variegated, from 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

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MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the REVIEW. Will want to move some other stock a little later. EDWARD HARRIS.

BOSTON.

Horticultural Society Affairs.

Henry P. Walcott, the newly elected president of the Massachusetts Horticultural Society, has appointed the following committees:

Finance Committee—Walter Hunnewell, chairman; Arthur F. Estabrook, Henry P. Walcott, M.D.

Committee on Prizes and Exhibitions—J. K. M. L. Farquhar, chairman; W. N. Craig, A. H. Fewkes, W. W. Rawson, W. H. Spooner, A. F. Estabrook.

Committee on Plants and Flowers—Arthur H. Fewkes, chairman; William N. Craig, T. D. Hatfield, Robert Cameron, James Wheeler, William Nicholson, John A. Pettigrew.

Committee on Fruits—E. W. Wood, chairman; Charles F. Curtis, Warren Fenno, J. Willard Hill, John Ash.

Committee on Vegetables—Michael Sullivan, chairman; Warren H. Heustis, Aaron Low, Joshua C. Stone, Walter Russell.

Committee on Gardens—Charles W. Parker, chairman; David F. Roy, John A. Pettigrew, W. W. Rawson, Arthur H. Fewkes, Oakes Ames, Patrick Norton, Henry P. Walcott, M.D.

Library Committee—Charles S. Sargent, chairman; Samuel Henshaw, George E. Davenport, Charles W. Jenks, T. Otis Fuller.

Committee on Lectures and Publication—Aaron Low, chairman; James H. Bowditch, E. W. Wood, Dr. Robert T. Jackson, Edward B. Wilder.

Committee on School Gardens and Native Plants—Henry L. Clapp, chairman; Katharine W. Huston, William E. C. Rich, William P. Rich, Charles W. Jenks, Miss Mary Rodman, Henry S. Adams.

In his inaugural address President Walcott said, among other things: "There seems to be an impression in some quarters that it has been and is the wish of a portion of the society to curtail the exhibitions, either in number or extent. Those whom I have seen in the hall and at the exhibitions do not have this intention. The exhibitions in the future are likely to be just as many in number as they have been in the past."

The society has net assets of $782,921.09

Chrysanthemum Society Invited.

The board of trustees of the Massachusetts Horticultural Society held a meeting January 2 and voted to extend an invitation to the Chrysanthemum Society of America to hold its third annual convention and exhibition in Boston next November, in connection with the fall exhibition at Horticultural Hall.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in., Savitzii, $3.00; Eclipse, $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, rooted cuttings, $1.00 100. E. B. Randolph, Delavan, Ill.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratum rooted cuttings, best variety, 50c
J. A. Keeney, Monongahela, Pa.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 5c; 2nd size, 5c.
W. H. Salter, Rochester, N. Y.

AQUARIUM PLANTS

Red Ludwigia, of sterling merit for large and small aquariums; 5 to 12-in. rooted sprays, at 1 cent each, in quantities of 50 and upward by mail. Half-bushel basket by express, $2.00.
A. Puetz, Greenland, Fla.

ARAUCARIAS.

Araucaria excelsa, from 18, 20 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5½-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus, fine plants, 2 and 2¼-in., $2.50 100; 3-in., fine plants, $5.00 100. Cash Will exchange for ever-blooming roses like La France, C. Soupert, etc.
Theodore Miller, Ironton, O.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus, extra strong 4-in., ready for 5-in., $12.50 100. 25 at 100 rate. Cash.
J. R. Shreiner, Lancaster, Pa.

Asparagus plumosus, 3-in., $8.00 100. Sprengeri, 3-in., $5.00 100. Just right for pans.
L. H. Foster, Dorchester, Mass.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000; 3-in., $5.00 100, $45.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½-in., $2.00, 3-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri and plumosus, 2, 2½, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

Asparagus plumosus, 2½-in., $3.50 per 100; E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

AZALEAS.

Azalea mollis, 15 to 25 buds, $3.00 doz. Pontica, 2 ft., bushy, $7.50 doz. Viscosa, 10 to 15 buds, $3.00 doz. Arborescens, 10 to 15 buds, $3.00 doz. Hiram T. Jones, Elizabeth, N. J.

AZALEA MOLLIS for EARLY FORCING. Fine bushy plants, 15 inches high, full of buds, $4.50 per doz, $35.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea manicata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Loraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Jerusalem cherries, dwarf, well-berried; 6-in., $2.25 doz. Cash.
Converse Greenhouses, Webster, Mass.

BOX WOOD.

Boxwood, pyramidal and bush form; 500 to select from. Write for prices.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Large-flowering begonias, tuberous-rooted, selected bulbs; single and double. Gloxinia crassifolia erecta, giant flowering, carefully selected bulbs. For size and prices see last issue.
Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

SURPLUS BULBS.
WE MUST SELL QUICK.
NO REASONABLE OFFER REFUSED.
ST. LOUIS SEED CO., St. Louis, Mo.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4-in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthea, Crinum, Cooperia, Milla, Bessera, Yuccas, Agaves, Resurrection plants, Antignon, Seeds, Cacti. Write for prices.
William Tell, Austin, Tex.

Excelsior Pearl tuberoses and Caladium esculentum bulbs. Write us.
John F. Croom & Bro., Magnolia, N. C.

CANNAS.

Cannas, strong, dormant tubers, $2.00 per 100; $18.00 per 1000. Alphonse Bouvier, Austria, Chicago, Comte de Bouchard, Creole, Chas. Henderson, F. R. Pierson, Florence Vaughan, J. D. Cabos, John White, Mlle. Berat, Manda's Ideal, Oriole, Pierson's Premium, Paul Bruant, Paul Marquant, Queen Charlotte, Sec. Chabanne, Thos. S. Ware, etc.
WOOD BROS., Fishkill, N. Y.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

15,000 cannas, the leaders; good live eyes. Write for prices.
A. B. Campbell, Cochranville, Pa.

100 varieties; assorted, not less than 50 each, $12.50 per 1000. A. Puetz, Greenland, Fla.

Canna Austria, a few thousand at $4.00 per 1000. Soar Bros., Little River, Fla.

CARNATIONS.

Carnations. Well rooted, healthy cuttings of the following varieties.

	Per 100.	1000.		100.	1000.
Pink.			White.		
Lawson	$1.50	$12.50	Flora Hill.	1.50	12.50
Nelson	2.00	17.50	Wh. Cloud	1.50	12.50
G'n Angel.	1.25	10.00	Peru	1.50	12.50
H'botham.	2.00	15.00	Q'n Louise	1.50	12.50
Sibyl	3.00	25.00	Norway	1.50	12.50
McKinley.	3.00	25.00	Gov.L'udes	3.00	25.00
Joost	1.25	10.00	Red.		
Cressbrook	1.50	12.50	Estelle	2.00	15.00
Variegated.			Mrs. Ine.	1.25	10.00
Bradt	2.00	15.00	Chicago (Red		
Prosperity.	2.00	15.00	Bradt)	2.00	15.00
Murphy's			H'low'den	3.00	25.00
White	$3.00	$25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

	100	1000		100	1000
Bo'n Mk't.	$4.00	$35.00	Glacier	$2.50	$20.00
Fair Maid.	4.00	35.00	Marquia	2.50	20.00
Wolcott	4.00	35.00	Dorothy	2.50	20.00
McKinley.	3.50	30.00	G. Ro'aev't	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	17.50
Estelle	3.00	25.00	Lorna	2.00	17.50
Floriana	3.00	25.00	Norway	2.00	17.50
Innocence	3.00	25.00	Maceo	2.00	17.50
Prosperity	3.00	25.00	Gomez	2.00	17.50
Gaiety	3.00	25.00	Success	2.00	17.50
Stella	3.00	25.00	Triumph	1.50	12.50
Lawson	2.50	20.00	White Cl'd	1.50	12.50
M'g Glory	2.50	20.00	Cash or C. O. D.		

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted carnation cuttings; clean, healthy stock, well rooted.

	100.	1000.		100.	1000.
Red.			White.		
Crane	$2.50	$20.00	F. Hill	$1.25	$10.00
America	2.50	20.00	W. Cloud	1.25	10.00
Palmer	2.50	20.00	Q. Louise	1.50	12.50
Pink.			Norway	1.50	12.50
Lawson	1.50	12.50	Light Pink.		
Dorothy	1.50	12.50	Enchantress	3.50	50.00
Nelson	1.50	12.50	H'g'botham	2.50	20.00
G. Angel.	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	Variegated.		
Joost	1.25	10.00	Prosperity.	2.50	20.00
Crocker	1.25	10.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnations. Strong plants out of black soil. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport.	$2.50	$20.00
Lawson	3.00	25.00	H'g'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud	2.50	20.00
America	2.50	20.00			

Sinner Bros., 58 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$6.00	$50.00	Fair Maid	$3.00	$25.00
Queen	6.00	50.00	Lawson	2.50	20.00
Wolcott	4.00	30.00	Q. Louise	2.00	15.00
Roosevelt	3.00	25.00	M. Glory	2.00	15.00

Our stock is first-class, and we guarantee our cuttings to be A1 and well rooted.
Orders from parties unknown to us must be accompanied by cash or satisfactory references.
THE LEWIS CONSERVATORIES, Marlboro, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted.
The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

I have to offer a few thousand carefully selected and well rooted cuttings of the following:

	100.		100.
Boston Market	$4.00	Prosperity	$3.00
Wolcott	5.00	Lawson	2.50
Lorna	3.00	Joost	2.00
Her Majesty	5.00	Dorothy	2.00
Norway	2.00	Marquis	2.50
Harlowarden	6.00	M. Glory	2.00
H. Fenn	5.00	Crane	2.50

WM. SCOTT, Corfu, N. Y.

Unrooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Prosperity	$1.25	$10.00
Hill	1.00	7.50	Lil'n Pond	2.00	15.00
Q. Louise	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen	2.00	15.00
Fair Maid	1.25	10.00	Enchantress	3.00	25.00
Roosevelt	1.25	10.00	Challenger	1.25	10.00

All healthy stock.
UTICA FLORAL CO., Utica, N. Y.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.
W. K. Partridge, Sta. R., Cincinnati, O.

	100.	1000.		100.	1000.
Ench'tress	$5.50	$50.00	The Queen	$5.50	$50.00
McKinley	3.50	30.00	Prosperity	2.00	18.00
Stella	3.00	25.00	Roosevelt	2.75	25.00
Lawson	2.00	17.00	W. Cloud	1.25	11.00
Triumph	1.25	11.00	Gomez	1.60	15.00

Write for prices on other varieties. Cash with order, please.
Mrs. E. Merkel & Sons, Box 8, Carlstadt, N. J.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted carnation cuttings ready early in January.

Pond.	Estelle.	Stella.
Peru.	Glacier.	Lawson.
Lorna.	Prosperity.	Golden Beauty.
Marqnis.	Roosevelt.	Mrs. T. Roosevelt
Lowndes.	M'n'g Glory.	Mrs. E. A. Nelson

Clean, well rooted, healthy stock. Place your orders now. JOHN H. DUNLOP, Toronto, Ont.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Now ready, as fine stock as the best in the country: Enchantress, $6.00 100; $50.00 1000. Lawson, $2.00 100; $18.00 1000. Prosperity, $2.00 100; $18.00 1000. Peru, $1.50 100; $10.00 1000. The following will be ready January 1: Crane, America, Hill, Cloud, Queen Louise and Dorothy, $2.00 100; $17.50 1000. If stock is not satisfactory when received return it at my expense. W. W. COLES, Kokomo, Ind.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.	100	1000
Enchantress	$0.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$2.00	$17.50
Wolcott	3.50	30.00	Pond	4.00	
Lawson	2.00	17.50	Harlow'den	6.00	
Palmer	2.00	17.50	H'botham.	3.00	
Prosperity	2.50	20.00			

Poehlmann Bros. Co., Morton Grove, Ill.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

50,000 rooted carnation cuttings for January delivery. White Cloud, Hill, Queen Louise, Dana, Morning Glory, Joost, Lawson, Prosperity, America, Crocker and Norway. Guaranteed free from rust or stem-rot. In this southern climate our plants are entirely free from these diseases. Rosemont Gardens, Montgomery, Ala.

Queen Louise carnation still heads the list as a commercial white. From 3000 plants we cut 91,000 first-class blooms. We have 16,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular, $1.25 100; $10.00 1000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Rooted carnation cuttings.	100.	1000.
Lillian Pond	$5.00	$40.00
The Queen	5.00	40.00
Enchantress	6.00	50.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquis	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Rooted carnation cuttings. Strong healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

INDIANAPOLIS is the best bright pink carnation in sight. We ask you to come and see it growing—you will surely want it. Price: $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities, and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100; $75.00 1000.
Jerome A. Suydam, Flatbush, N. Y.

Orders booked now for carnation cuttings; clean, healthy and well rooted. Enchantress, $6.00 100. Lawson, $2.50 100; $20.00 1000. Flora Hill, $2.00 100; $15.00 1000. White Cloud, $1.50 100; $12.50 1000. Norway, $1.50 100.
D. C. Noble, Columbia City, Ind.

Only first-class rooted cuttings. Price per 100: Gov. Wolcott, $4.00; Lawson, $3.00; Hoosier Maid, White Cloud, Crane, Bradt, Roosevelt, $2.00; Marquis, Dorothy, $1.50. Cash or C. O. D. Henry Baer, Peoria, Ill.

Rooted carnation cuttings. Clean, healthy stock. Snow Drift, white; Joost, pink; Cartledge, pink, $1.50 per 100, $12.00 per 1000. Liberal count to help pay expressage. Cash.
John R. Shreiner, Lancaster, Pa.

Two new white carnations for 1904, LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Bintchley, Plantsville, Conn.

We have the money-making varieties and can supply strong rooted cuttings, guaranteed free from disease. For varieties see displayed adv.
Buckley Plant Co., Springfield, Ill.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

Carnations. All the leading new varieties of 1904; the best of last year's varieties, and other standard kinds now ready.
H. Weber & Sons, Oakland, Md.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

The Queen (extra selected), from soil, now ready, $5.00 100, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Redford, Mass.

Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.
Lake Shore Greenhouses, Albert Lea, Minn.

Carnations. Strong rooted cuttings, Jan. and Feb. delivery. For varieties and prices see displayed adv. in this issue.
Hill City Greenhouse, Forest City, Iowa.

Ethel Crocker. Strong, healthy rooted cuttings now ready. $2.00 100; $15.00 1000. Delivered at Hartford.
W. H. Atkins, Burnside, Conn.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to.
John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Rooted cuttings. The Queen carnation, the best commercial white, $5.00 100; $40.00 1000. Cash with order.
P. E. Woodward, So. Framingham, Mass.

50,000 rooted carnation cuttings. Our stock is exceptionally fine. Send for list of varieties and prices.
C. Akehurst & Son, White Marsh, Md.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Fair Maid, Boston Market, $2.50 a 100. Other varieties on application. Also unrooted.
Otto Bourdy, Lowell, Mass.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Rooted carnations now ready. For varieties and prices see our displayed adv.
California Carnation Co., Loomis, Cal.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Penryn, Cal.

CHRYSANTHEMUMS.

Stock plants. Chrysanthemums White Bonnaffon, Yellow Bonnaffon, White Jones, Yellow Jones, Mrs. R. McArthur, Mrs. N. Molyneux, White Erminilda, Pink Erminilda, S. T. Murdock, Black Hawk, Intensity, Cullingfordii, Brutus, Col. D. Appleton, H. A. Parr, J. E. Lager, October Sunshine, Monrovia, O. P. Bassett, Sunstone, Pride, H. Robinson, Nellie Pockett, Mrs. H. Weeks, Ivory, Silver Wedding, Belle of Castlewood, Rose Owen, 75c per doz.; $5.00 per 100. GEO. ATKINSON, Orange, N. J.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
Joseph Bancroft & Son, Cedar Falls, Iowa.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Lav. Queen, Whildin, Golden Wedding, well furnished with strong, healthy cuttings, $4.00 100. Chamberlain, white Bonnaffon, $10.00 100. W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemum stock plants in the following varieties at 75c a doz.: Pennsylvania, Philadelphia, Mrs. H. Robinson, Mme. Bergmann, Ivory, Mrs. Perrin, Major Bonnaffon, Mutual Friend and Golden Wedding.
C. C. POLLWORTH CO., Milwaukee, Wis.

CHRYSANTHEMUMS—Continued.

Mums. Rooted plants of Polly Rose, Glory of Pacific, $1.25 per 100, by mail postpaid. T. Eaton and Col. Appleton, rooted plants, $1.50 per 100, by mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Hardy pompon chrysanthemum list of over 100 varieties now ready. Ask for it. Orders booked now for spring.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of Appleton, Eaton, Robinson, Hardy, Pres. Smith, Pacific, Hawk, 2c; transplanted, 2½c.
Wm. H. Stenger & Son, Granville, O.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.
Louis Derocher, Avon, Mass.

Write for our preliminary price list of 1904 novelties and other desirable kinds.
H. Weber & Sons, Oakland, Md.

Stock mums of Merry Christmas, 10c; $1.00 doz. Poehlmann Bros. Co., Morton Grove, Ill.

Appleton, Ivory, Bonnaffon, 5c each.
Otto Bourdy, Lowell, Mass.

CLEMATIS.

Clematis, leading var., strong, true to name, $25.00 100.
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Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
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HYDRANGEAS, field-grown, dormant plants, suitable for 6-in. pots. OTAKSA, $3.50 per doz., $25.00 per 100. THOS. HOGG, $3.00 per doz., $20.00 per 100. MARIESII, $2.00 per doz., $15.00 per 100. RED BRANCHED, $3.50 per doz., $25.00 per 100.
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Hydrangea paniculata grandiflora, 2½ to 3 feet, very bushy, 7½c; 2 to 2½ ft., very bushy, 6c; 18 to 24 inches, very bushy, 4c.
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OTAKSA, THOS. HOGG, with 4 flowering crowns, stocky, open-air plants, suitable for 6-in. pots, per 100, $8.00.
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Hydrangea pan. grand., bushy, 8c.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
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Ponderosa lemons, 2½-in., $3.00 100.
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Bruns' extra fine Berlin pips for early forcing, $1.25 100; $12.00 1000; $30.00 per case of 2500.
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S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and is sealed cases only.
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Lily of the valley pips, the largest and finest imported. Special price.
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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
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Kentia Forsteriana, 3-inch, $15.00 100; 4-inch, $30.00 100; Latania Borbonica, 5-in., $40.00 100.
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Peonies. Chinensis—Queen Victoria, double white; Chinensis, double pink; officinalis, double pink and scarlet, $2.00 per doz.; $12.00 per 100. 200 assorted for $20.00. Officinalis mutabilis, double white, $5.00 per doz.; $35.00 per 100. All from 3 eyes and up. From the best Holland growers. This stock is strictly first-class and the prices are right.
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Dbl. herbaceous peonies, 2 to 5 eyes. Pink—$1.25 doz., $7.00 100. White—$1.25 doz., $8.00 100. Dark red—$1.25 doz., $7.00 100. Mixed—$1.00 doz., $6.00 100. By mail, add 25c to doz. rates.
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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
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Rooted cuttings of double petunias. All the latest varieties, including Dreer's and the largest white in the market, $2.00 per 100. It will pay you to get these instead of buying common stock. Cash with order, please.
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Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
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POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100.
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Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
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PRIMULAS—Continued.

Primula obconica, fine plants, 3-in., $5.00 100. 2½-in., $2.50, and 2-in., $2.00 per 100. Also a few 3-in. Chinese, International strain, $5.00 per 100. N. O. Caswell, Delavan, Ill.

Primula obconica, white, pink, red, 3-in., 4-in., 5-in., 6-in. Full bloom. Write for prices. C. D. Zimmerman, Buffalo, N. Y.

Primula obconica, fine plants, 3-in., $5.00 100. Cash. Converse Greenhouses, Webster, Mass.

Primroses. Chinese and obconica, $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Baby primrose, Forbesi, 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

California privet, fine, 5c. W. H. Salter, Rochester, N. Y.

RHODODENDRONS.

RHODODENDRONS for EASTER FORCING. A fine lot of bushy plants of early flowering varieties, especially suited for Easter flowering. 18 to 24 inches high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 inches high, $1.50 each, $15.00 per doz., $115.00 per 100. HENRY A. DREER, Philadelphia, Pa.

Rhododendrons, hybrids for forcing. $45 00 $90.00 and $150.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Pelargoniums, 15 var., named, $2.25 100. Verbenas, choice named var., 60c 100, $5.00 1000. Petunias, named, dbl., $1.25 100, $10.00 1000. Heliotropes, $1.00 100, $8.00 1000. Salvias, $1.00 100, $8.00 1000. Giant alyssum, $1.00 100. Ageratums, 60c 100, $5.00 1000. Coleus, 70c 100, $6.00 1000. Express prepaid. Cash with order. S. D. Brant, Clay Center, Kan.

Rose geraniums, $1.50; Anthemia coronaria, Impatiens Sultani, $2.00 per 100, prepaid. S. W. Pike, St. Charles, Ill.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. Chatenay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	4.00	35.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory. P. REINBERG, 51 Wabash Ave., Chicago.

Roses for winter forcing. Ideal (improved La France), Franz Deegen (yellow); Catherine Guillot (orange red); Ma Capucine (nearest to scarlet); Snowball (pure white), useful for trimming. This collection of 10 plants each, out of 2-in. pots, 50 plants, $5.00. Albert Knapper, Rose Farm, Ambler, Pa.

CRIMSON RAMBLERS, XXX, 4 to 5 ft., $15.00 per 100, $135.00 per 1000. Sound, well ripened, Northern-grown plants. Good assortment of other field-grown roses. Send for price-list. JACKSON & PERKINS CO., Newark, New York.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory. J. A. Budlong, 37 Randolph St., Chicago.

Field-grown La France, 15 to 24 inches, top. Crimson Ramblers, 2 to 3 feet. Both on own roots, fine for forcing or pots, $10.00 100. Express prepaid. Sample 25c. Cash with orders. Hoffman Bros., Portland, Oregon.

ROOTED ROSE CUTTINGS. American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK. L. L. May & Co., St. Paul, Minn.

Roses. All the leading varieties in 2x2½ and 2½x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write Geo. A. Kuhl, Pekin, Ill.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

Roses. 5 best forcing var. roses, rooted cuttings, $12.00 1000. Beauties, $30.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

ROSE STOCKS.

13,000 Manetti stocks, $12.00 to $15.00. C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery. HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz. Extra fine stock, 50c each; doz., $6.00; 5½-in. pots, 18 to 20 inches high, good stuff, 25c to 30c each. Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica. Write me. L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias. Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias Bonfire and St. Louis, rooted cuttings, 75c 100. E. R. Randolph, Delavan, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100. W. H. Parsil, Summit, N. J.

SEEDS.

Flower seed for present planting.	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp. Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, mixed	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue will be mailed Jan. 1. If you do not receive a copy write for one. STUMPP & WALTER CO., 50 Barclay St., N.Y.

ASPARAGUS SEED—CROP 1903. Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50. Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00. Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000. Best quality of flower seeds for florists. Send for catalogue. MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

CALIFORNIA SEEDS. Native plants. Oz. Butterfly tree poppy, yellow flowers .25c. Matilija poppy, white flowers .15c. White-rose poppy, white flowers .15c. Golden bleeding-heart, golden flowers .20c. Cardinal larkspur, red flowers .25c. Red-berried pepper bush .10c. W. G. WRIGHT, 445 F St., San Bernardino, Cal.

New crop JOHNSON & STOKES' choice flower seeds. Our seeds are selected with the greatest care, and can be depended upon to be the very best obtainable. For varieties and prices see our displayed adv. in this issue. Send for our new illustrated catalogue, just issued. Johnson & Stokes, 217-219 Market St., Phila.

Original CARLSON aster seed. This strain shows no disease nor yellow centers. Cut blooms bring better average price. It comes in white, pink and lavender only. Trade pkt., 25c; ¼-oz., 75c; oz., $1.50. E. H. Hunt, 76-78 Wabash Ave., Chicago.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. New crop all leading flower seeds ready. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Fresh flower seeds for early sowing. New crop seeds daily arriving from leading growers both at home and abroad. Send for preliminary price list. W. W. Barnard & Co., 161 Kinzie St., Chicago.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue. Weeber & Don, 114 Chambers St., New York.

A complete assortment of VEGETABLE and FLOWER seeds. Our 1904 trade list is now ready. J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Grass, clover, agricultural and forest tree seeds. Prices and samples on application. A. Le Coq & Co., Darmstadt, Germany.

Wholesale price list of seeds for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

New crop A. plumosus seed ready Jan. 15. Write for prices. S. S. Pennock, 1612 Ludlow St., Phila.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

Rawson's Arlington tested seeds for florists. Catalogue free. W. W. RAWSON & CO., Boston, Mass.

Citrus trifoliata, 35c per lb., by mail. A. Puetz, Greenland, Fla.

SMALL FRUIT PLANTS.

The new Commonwealth is better than Marshall and so late that it extends the strawberry season a week or more. Plants, $4.00 per 100. Geo. E. Ward, Beverly, Mass.

Burbank's Phenomenal berry and Mammoth blackberry plants for sale. Write for terms. I. M. Shepherd, Fairoaks, Cal.

SMILAX.

Smilax, large bushy plants out of 2½-in. $1.00 100; $8.50 1000. J. C. Schmidt Co., Bristol, Pa.

1000 smilax, 6 to 8 feet, fine stuff, 12½c. Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000. Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100, $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 75c 100. E. I. Rawlings, Quakertown, Pa.

SPIRÆAS.

Spiraeas for forcing. Palmata alba and astilboides, 85c per doz., $5.00 per 100. Stock is strictly first-class. Frank Kadlec, 177-183 Johnston Ave., Chicago.

Spiraea japonica, $3.50 100; compacta multi. and astilboides, $4.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

STEVIAS.

Stevia stock plants, bench or pots, 75c. doz., $5.00 100. John Brod, Niles Center, Ill.

VEGETABLE PLANTS.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.

CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.

LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

Cash with order.

See our flower plant adv. in this issue. R. VINCENT, JR. & SON, White Marsh, Md.

FORCING TOMATOES. Lorillard and Mayflower, selected stock, 2½-inch pots, $2.00 100. Cash. Benj. Connell, West Grove, Pa.

Forcing lettuce, strong transplanted, 1½c. Wm. H. Stenger & Son, Granville, O.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; plants, $2.50 100, $20.00 1000. Send for circular. J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca major, 6-in., $3.00 doz. L. H. Foster, Dorchester, Mass.

Vinca var., 3-in., $5.00 100. Frank A. Pierson, Cromwell, Conn.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed. Chas. Zimmer, West Collingswood, N. J.

Violets, rooted plants of Swanley White and Princess of Wales, $1.25 per 100. By mail, postpaid. The violet grower, A. B. Campbell, Cochranville, Pa.

Violets. Ready now, 20,000 rooted runners of Princess of Wales; fine, clean stock, $4.00 per 1000. Crescent Ave. Floral Co., Grand Rapids, Mich.

Violets, 2½-in., Campbell and Swanley White, $2.00 per 100. The violet man, A. B. Campbell, Cochranville, Pa.

WANTED.

Wanted—The address of dealers in fish foods, grasses, globes and jardinieres. A. J. Lantenier, 1713 Walton Ave., Ft. Wayne, Ind.

Wanted—1000 rooted or unrooted cuttings of Anthericum vitatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

TO EXCHANGE.

To Exchange—Geraniums, extra fine, 2½-in. Sept. struck plants, standard varieties at $2.50 100; $22.50 1000 for rooted cuttings of Crane, Palmer, Enchantress or a good variegated.
Myers & Co., Bluffton, Ind.

To Exchange—15 varieties of carnations in exchange for rooted cuttings of bedding plants. Also merchandise in exchange for rooted cuttings or plants of any kind. Address No. 30, care Florists' Review, Chicago.

To Exchange—Will exchange several thousand fine canna eyes and tuberose bulbs for spring or Easter blooming plants or what have you?
J. A. Swartley & Sons, Sterling, Ill.

To Exchange—Asparagus Sprengeri, 2¼-in., and Primula obconica, 3½-in., for roses, geraniums, carnations, palms, ferns, etc.
Samuel Whitton, Utica, N. Y.

A. plumosus, 2 and 2¼-in., $2.50 100 and 3-in., $5.00 100, for everblooming roses like La France, C. Soupert, etc.
Theo. Miller, Ironton, O.

CANE STAKES.

Bamboo canes, 6 to 8 ft., $6.00 1000.
Wm. Elliott & Sons, 54 Dey St., N. Y.

Cane stakes, 6 ft., $3.00 1000.
Wm. K. Nelson, Augusta, Ga.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., Chicago.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Fancy and dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
C. W. Burleson & Son, Linville, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
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GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

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Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
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Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems and siftings for sale. Write Swisher Bros., Newark, O.

NICOTICIDE kills all greenhouse pests.
Sold by all seedsmen.

Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

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Tree and plant labels.
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REVIEW Classified Advs.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

BUSINESS BRINGERS—
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

MICHAELMAS DAISIES.—Asters of the Michaelmas daisy persuasion have been so wonderfully developed of late years that they undoubtedly form one of the chief attractions of many gardens in the autumn, but the great bulk of the varieties have a terrible habit of absolutely invading the garden unless they be subjected to a persistent process of weeding out, and even then are, as a rule, far too robust and bushy for association with plants of ordinary garden size. Huge shrub-like masses, six feet high and nearly as much through, present, certainly, a rich effect when covered with their pretty star-like flowers, but when it is found that not only do they overshadow and crowd out everything of less lofty pretensions, and that their seedlings come up in such profusion and with such inherited self-assertion as to become veritable weeds, the gardener becomes in time sated with them and is likely to oust them altogether. But recently some dwarf forms have made their appearance.

VARIEGATED FERNS.—Probably the finest variegated fern in cultivation is Pteris tricolor, the ground color of the fronds being a vivid dark green when mature, though rose-colored in the young state, the center of each pinna purplish-red or crimson, margined with white or silvery-gray. Though somewhat variable under cultivation, the effect of this plant is frequently enhanced in good specimens by the diversity of colors displayed in the fronds by the continuous growth, development and maturing of the same, conjointly with the production of the pigmental matter. By some authorities P. tricolor is simply held to be a variegated form of P. aspericaulis, an East Indian species.

TOO MANY GARDENERS.—Overproduction is a question of more than passing importance at the present day among private gardeners. The advertisement columns in the papers every week tell their own story of gardeners in need of situations. Why do the "situations wanted" so far outweigh the "places vacant"; why do gardeners tremble at the thought of leaving a situation for the fear that they will not be able to secure another one; and why do young men who wish to become head gardeners have to frequently wait long and wearily for the fulfillment of their desires, till hope deferred makes the heart sick? There can only be one answer, and it is that the output is in excess of the demand.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

L. R. Bryant, the nurseryman of Princeton, has been re-elected secretary of the Illinois State Horticultural Society.

E. Runyon, president of the Elizabeth Nursery Co., Elizabeth, N. J., left January 8 for Cuba on business connected with the Cuba and United States Fruit, Nursery and Mercantile Co.

INCORPORATIONS.

The following incorporations are reported: William C. Moore & Co., Newark, N. Y., general nursery business, capital $5,000, incorporators W. M. Gould, Chas. W. Stuart, Chas. H. Stuart, all of Newark, N. Y.

Emmons & Co., Newark, N. Y., general nursery business, capital $5,000, incorporators F. M. Phelps, Chas. W. Stuart and Chas. H. Stuart, all of Newark, N. Y.

Knight & Bostwick, Newark N. Y., general nursery business, capital 5,000, incorporators, C. W. Stuart & Co., Jas. W. Pitkin, Jr., and C. U. Stuart, all of Newark, N. Y.

Cuba & United States Nursery & Mercantile Company, Elizabeth, N. J., to deal in trees, shrubs, etc.; capital $100,000, incorporators, Elmer Runyon, A. F. Meisky, M. R. Shaw, George Reeg, Lawrence Corbett, Elizabeth, N. J.; Charles MeRae, Arnold D. Epagnier, Far Hills, N. J.; John B. Taylor, Westfield, N. J.; A. N. Antiga, H. S. Antiga, New York City.

PACIFIC COAST.

Los Angeles, Cal. — The American Plant Co. has been incorporated here to engage in the nursery and florist business; capitalization, $50,000; incorporators, A. R. Wagner, R. H. Thompson, Charles I. Mosteller, C. S. DeLano and James W. Mays.

PLANT NOTES.

Romneya Coulteri.

Romneya Coulteri must be conceded by everyone to be the queen of our Pacific coast wild flowers. It was discovered first in the Ventnra mountains, where it grows naturally in great abundance, and from that neighborhood it has been disseminated until it is known in all parts of the state. It is liable to be cut down by our severe frosts, although in the vicinity of San Francisco, where we have many grand specimens planted, it has survived the cold weather thus far. The roots, of eourse, do not die, and the branches come up very early in the spring. The stems are heavy and numerous and grow from four to fifteen feet high and are covered with long, narrow, segmented glaueous, smooth leaves three to five inches long. The massive, pure white, fragrant flowers are borne on solitary stems from six to nine inches aeross and eonsisted of six white petals with very numerous yellow stamens. It is not a plant suited to small gardens, owing to its massive proportions, but makes a grand adornment for a large plaee or publie park, where its great, showy blooms ean be seen from a long distance. It is regarded by English gardeners as a wonderful treasure and although it has to be carefully handled in a colder country it well repays the trouble it causes.

As a florist's flower it is all to be desired. The flowers when eut should be only half-blown, and it keeps well for a week in water. I have fonnd the plants very difficult of propagation from enttings, but by root division early in the spring they can be multiplied easily. The flowers seed very freely, but thev are extremely slow in germination. I planted about half an onnce of fresh seed that I gathered fully a year ago, and up to date I have seen only about twenty-five show themselves, and these within the past four weeks. They grow very quickly when transplanted in the open ground and bloom freely the first season. G.

PORTLAND, ORE.

The Holiday Trade.

The holiday trade was the best ever! Nothing like it in the history of the trade here. When discussing the volume of business done Christmas week two of our leading firms pronounced it their banner week. Active buying began as early as Monday and continued most satisfactorily until New Year's night. Everything favored us this year. The weather, usually so disagreeable at this season, was clear and eool, but not frosty, whieh made the delivery of plants eomparatively easy. Local growers fared well and supplied us with a fine lot of cut flowers. Stock imported from California also arrived in excellent condition, probably due to a few vigorous kieks by the florists to the express company for their carelessness a year ago through whieh all lost so heavily. The supply was equal to the demand and priees averaged as high as last year. Carnations in leading varieties retailed at $2 per dozen, with beautiful Enchantress, monarch of all, commanding $4. Roses sold readily at $2 and $3 per dozen. We had a few hnndred choiee chrysanthemums, the best blooms retailing at $8 per dozen. In flowering plants the cyclamen and azalea headed the procession, and, when displayed in the customary Christmas trimmings, were speedily moved.

The florists' windows were decidedly attractive and appropriate to Christmas, the greatest hit being a striking combination of Oregon holly and red bells. We wired New York a duplieate order for bells and received reply that all were disposed of. The sale on green goods equaled that of a year ago. Oregon grown holly and mistletoe is unsurpassed and there was a sufficient quantity to supply the local demand. Holly is sold here by the pound weight and the disposal of same is now more widely distributed than heretofore, the street venders having a small corner on the market. Special orders for holly wreaths at $2 each were shipped as far east as New York and Maine. Mail orders for loose holly could not be filled and it is to be regretted that more attention was not given to the cultivation of same ten years ago, as we would now be snpplying all the northwest and California. Holly grows luxuriantly in our elimate and one of our florists recently imported 5,000 plants from Franee, and, as he praetieally put it, they will prove the best life insurance poliey he ean carry. H. J. M.

The Review is all right.—Vick & Hill Co., Rochester, N. Y.

OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of

Fruits and Ornamentals.

40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.

THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

The Commonwealth.

This new **STRAWBERRY** is as large as the largest, as productive as any large sort, as fine flavored, as healthy and also **later than any other sort.** Plants for sale at $4.00 per hundred. Stock limited; better write at once.

GEO. E. WARD, Beverly, Mass.

Mention the Review when you write.

Peterson Nursery,

164 La Salle St., CHICAGO.

PEONIES

And HARDY ORNAMENTAL STOCK.

Write for illustrated price list.

Mention the Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

Mention the Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

Mention Review when you write.

Send to **THE MOON** Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO., Morrisville, Pa.

Mention the Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention the Review when you write.

Carnation Rooted Cuttings. NOW READY.

WE ROOT 100,000 A WEEK.

Terms cash or C. O. D., with privilege of examining at your express office.

	Per 100	1000
5000 Violania, 4-in. bloom, var	$12.00	$100.00
9000 Mrs. Theodore Roosevelt, pink	5.00	45.00
2000 Tiger, fancy	5.00	45.00
40000 Success, La France, pink	4.00	35.00
15000 Alba, big white	3.40	30.00
10000 Wolcott, white	3.40	30.00
8000 Apollo, scarlet	3.50	30.00
5000 Estelle, scarlet	3.00	25.00
5000 Los Angeles, white	3.00	25.00
10000 Golden Beauty, yellow	2.00	18.00
4000 Gold Nugget, yellow	$1.50	$14.00
4000 Stella, var	3.00	25.00
30000 Mrs. Lawson, pink	1.40	12.50
42000 Queen Louise, white	1.20	10.00
25000 Flora Hill, white	1.20	10.00
10000 Norway, white	1.20	10.00
7000 Lorna, white	1.20	10.00
38000 Mermaid, free salmon pink	1.20	10.00
50000 G. H. Crane, scarlet	1.20	10.00
42000 America, scarlet	1.20	10.00
45000 Mrs. Potter Palmer, big red	$1.20	$10.00
60000 White Cloud, white	1.00	9.00
30000 Eldorado, yellow	1.00	9.00
44000 Marquis, light pink	1.00	9.00
10000 Genevieve Lord, pink	1.00	9.00
20000 Argyle, pink	1.00	9.00
25000 Gen. Gomez, crimson	1.00	9.00
27000 Armazindy, var	1.00	9.00
5000 Viola Allen, var	3.00	25.00

25 at 100 rate. 250 at 1000 rate. Express prepaid by us at above price.

Hybrid Seed, mixed, of above varieties, $1.00 per 100; $9.00 per 1000. All orders are packed on arrival to stand 30 degrees below zero.

CALIFORNIA CARNATION CO., A. MITTING, Manager. LOOMIS, CAL.

SAN FRANCISCO.

The Market.

Business has been only fair since the holidays. We have had an abundance of bright, warm days and flowers are beginning to be brought into market a little more profusely than they were a week ago. Prices still remain fairly good and I do not look for any reduction this month. Carnations are selling at from 50 to 75 cents per dozen and some of the smaller varieties at 30 cents. Prosperity and Lawson have sold as high as $1 per dozen during the past two weeks, but this price was for extra fine stock. Good Flora Hill are in demand at 50 cents. Good American Beauty roses are scarce and sell wholesale today at $2 to $3 per dozen. Fancy stock of this variety is not to be seen anywhere. Bride and Maid are becoming somewhat more plentiful and sell at from 75 cents to $1 per dozen. The quality is very fair. Kaiserin and Testout are scarce and from the reports of most of the growers it will be several weeks before any good cuts will be made. Chrysanthemums, owing to the favorable weather, are still considerably in evidence and are very good considering the lateness of the season. The best outdoor flowers can be had at from $3 to $4 per hundred and some extra choice stock at about $6. Narcissi are in good supply, both the single white and the double yellow-centered varieties. They bring from 75 cents to $1. Lilium Harrisii is scarce and valley about equal to the demand. Smilax was cut very closely for the holidays. I spoke to a florist today who had received an order for 500 strings and he told me he had quite a time to get it filled. Violets are still scarce, although the price has been reduced somewhat. They are quoted today at from $1 to $1.50 per dozen bunches. Adiantum and asparagus seem to have been clipped very closely, as several of the florists complain that good stock is hard to procure. A few good daffodils are seen and they are eagerly bought up. It will be several weeks before they become plentiful.

Various Notes.

I regret to have to chronicle the death of Mrs. Honorah Galloway, wife of Albert Galloway, the well known carnation specialist of Fruitvale. Mrs. Galloway was buried last Friday and her husband has the sympathy of all the florist fraternity in San Francisco and Oakland.

John Pouyal, the progressive Polk street florist, reports business much better than that of last year. He is handling some very fine carnations from P. McDonell, of Alden.

Park Fellows, the orchid grower, of Oakland, reports a big demand for his flowers. Sievers & Boland use the bulk of his stock.

The Cox Seed Company has just received a large consignment of Japanese stock in splendid order. This firm does a large general nursery business. This department is in charge of John Vallance.

G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

	100	1000	5000
White			
Queen Louise	$1.20	$10.00	$ 40.00
Flora Hill	1.20	10.00	40.00
Alba	3.40	30.00	125.00
Gov. Wolcott	3.40	30.00	125.00
Norway	1.20	10.00	40.00
Lillian Pond	5.00	45.00	225.00
Chicot	1.20	11.00	50.00
Viola Allen	3.00	25.00	100.00
Pink			
Mrs. Thomas Lawson	1.40	12.50	60.00
Mrs. Joost	1.20	10.00	40.00
Mermaid	1.20	10.00	40.00
Mrs. Roosevelt	6.00	55.00	225.00
Enchantress	6.00	50.00	225.00
Success	4.00	35.00	150.00
Pres. McKinley	5.00	45.00	200.00
Cressbrook	2.50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30.00	140.00
G. H. Crane	1.20	10.00	40.00
America	1.20	10.00	40.00
Estelle	1.50	14.00	65.00
Scarlet			
Mrs. Palmer	$1.20	$10.00	$ 40.00
Apollo	3.50	30.00	125.00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45.00	200.00
Gov. Roosevelt	1.20	11.00	50.00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3.00	25.00	100.00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12.00	60.00
Gaiety	3.00	25.00	115.00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination;** we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

Now Ready **CARNATIONS** For Shipment.

Best and most strongly rooted Carnations on the market.

White.	Per 100	1000	5000
Queen Louise	$1.20	$10.00	$40.00
Wolcott	1.20	10.00	40.00
White Cloud	1.10	9.00	35.00
Scarlet.			
America	1.20	10.00	40.00
Pink.			
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35.00
Mrs. Joost	1.20	10.00	40.00
Crimson.			
Gov. Roosevelt	1.20	11.00	50.00
Variegated.			
Armazindy	$1.00	$9.00	$35.00
Prosperity	1.40	12.50	60.00

Express prepaid to any destination. Satisfaction guaranteed or your money back.

Loomis Carnation Co., Lock Box 115 Loomis, Cal.

Mention Review when you write.

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

WHILE I take other trade papers, the REVIEW is my standby; could not do without it.—ETTA J. NOTT, Charleston, Ill.

INDEED, I could not afford to have so good a trade paper stop coming, for I could not get along without the REVIEW. —N. H. PADGETT, Unadilla, N. Y.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000		Per 100	1000		Per 100	1000
Mme. CHATENAY	$6 00	$50 00	LIBERTY	$4 00	$35 00	PERLE	$3 00	$25 00
SUNRISE	5 00	40 00	MAID	3 00	25 00	GOLDEN GATE	3 00	25 00
KAISERIN	4 00	35 00	BRIDE	3 00	25 00	IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000		Per 100	1000		Per 100	1000
IVORY	$1 50	$12 50	BRIDE	$1 50	$12 50	PERLE	$1 50	$12 50
MAID	1 50	12 50	GOLDEN GATE	1 50	12 50	SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 00	17 50
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SIBYL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
CRESSBROOK	1 50	12 50
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 50	12 50
WHITE CLOUD	1 50	12 50
PERU	1 50	12 50
QUEEN LOUISE	1 50	12 50
NORWAY	1 50	12 50
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 00	15 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

TARRYTOWN, N. Y.

The annual meeting of the Tarrytown Horticultural Society was held December 31 and the following officers elected: President, James Ballantyne; vice-president, Joseph Bradley; secretary, E. W. Neubrand; treasurer, James T. Lawrie; corresponding secretary, Thomas A. Lee. Wm. Scott is chairman of the executive committee and F. R. Pierson of the board of directors.

The annual dinner will be held at the Perry House January 28. It was voted to hold the annual exhibition November 1 to 3, 1904. Robert Cochrane, Tarrytown, and Edward Parker, Rochester, were elected and R. Barton and Frederick Parker proposed for membership. David McFarlane won the handsome prize for the best exhibit of the evening with three fine vases of carnations, Enchantress, Harlowarden and Prosperity, six of each.

ATLANTA, GA.

Holiday business here was far in advance of any past year. Everyone reports twenty to fifty per cent more business than a year ago.

Nunnally is cutting some extra fine Beauties and Liberty.

The Dahl Co. have an extra fine lot of teas.

The Atlanta Floral Co. and the West View Floral Co. are making their usual good showings.

It is rumored here that Thomas O'Neil, C. J. Austin and Chas. A. Heard, of Chattanooga, contemplate the erection the coming spring of an extensive range of glass, either at Chattanooga or Birmingham, to be devoted exclusively to roses and carnations for the wholesale trade. Chas. A. Heard is to have charge of the greenhouses.

Visitors the past week: T. J. Moran, New York, C. J. Austin, Mississippi; H. Spiegle, New Orleans. OBSERVER.

PLANT an adv. in the REVIEW and see your business grow.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write.

Carnations

Strong Plants. **Out of Black Soil.**

		Per 100, $2.50		Per 1000, $20.00
Flora Hill	per			
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

Stock in perfect shape and now ready to ship.

SINNER BROS.

WHOLESALE CUT FLOWERS,
58-60 Wabash Ave, CHICAGO.

UNROOTED CARNATION CUTTINGS!

	100	1000		100	1000
Mrs. Lawson	$1 25	$10 00	Prosperity	1.25	10 00
Flora Hill	1.00	7.50	Lillian Pond	2.00	15 00
Queen Louise	1.00	7.50	Success	2 00	15 00
Dorothy	1 00	7 50	The Queen	2.00	15.00
Fair Maid	1.25	10 00	Enchantress	3 00	25.00
Roosevelt	1.25	10.00	Challenger	1.25	10.00

Carnation Cut Blooms, first class, $2.50 per 100.
All healthy stock.

UTICA FLORAL CO., Utica, N. Y.
Mention Review when you write.

BREAD and BUTTER CARNATIONS

Here are the varieties you want and we can supply you strong R. C., guaranteed free from all disease.

Pink.	100	1000	White.	100	1000
Enchantress	$5.50	$50 00	Glacier	$1.50	$14.00
Nelson	3.50	30.00	White Cloud	1.50	14.00
Lawson	1 75	16 00	Flora Hill	1.50	14.00
Inquirer	2.50		**Scarlet.**		
Dorothy	2.50		Crane	2.00	18.00
Joost	1.50	12 50	Apollo	3.50	30 00
Marquis	1.50	12.50	Estelle	3 50	30.00
White.			**Crimson.**		
Gov. Wolcott	3 50	30 00	Harry Fenn	3.50	30.00
Boston Market	3.50	30.00	**Variegated.**		
Innocence	2.50	22.50	Prosperity	1.75	15.00

Geraniums—Best semi-double bedders in scarlet, pink, white, salmon, strong R. C., $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. **Smilax**—2¼-inch (Special Price), $5.00 per 1000. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.
Mention the Review when you write.

CARNATIONS -- Rooted Cuttings. Jan. and Feb delivery

	Per 100	1000		Per 100	1000
Nelson Fisher	$12 00	$100 00	Gaiety	$3.00	$25.00
Mrs. Patten	12 00	100 00	Stella	3.00	25.00
The Belle	12 00	100 00	Lawson	2 50	20.00
Lady Bountiful	12.00	100.00	Morning Glory	2.50	20 00
Flamingo	12 00	100 00	Glacier	2 50	20.00
Adonis	8 00	70 00	Marquis	2 50	20 00
Enchantress	6 00	50.00	Dorothy	2.50	20.00
Boston Market	4.00	35 00	Gov. Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Gov. Wolcott	4.00	35.00	Lorna	2.00	17.50
Pres. McKinley	3 50	30.00	Norway	2 00	17.50
Nelson	3.00	25.00	Maceo	2 00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana	3.00	25 00	Success	2.00	17.50
Innocence	3 00	25.00	Triumph	1.50	12.50
Prosperity	3 00	25.00	White Cloud	1.50	12.50
G. H. Crane	2.50		Bradt	3.00	

GERANIUM CUTTINGS

From plants on the bench, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Primroses, Chinese and Obconica

Extra nice stocky plants, 2¼-inch, $2 00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus**, from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8 00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
Mention the Review when you write.

VIEW OF ONE OF OUR PROPAGATING HOUSES FOR CARNATIONS.

ROOTED CUTTINGS.

Our Carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

PINK.	Per 100	Per 1000
ENCHANTRESS	$6 00	$50 00
MORNING GLORY	2 00	15 00
HIGINBOTHAM	1 50	12 50
MRS. LAWSON	1 50	12 50
GUARDIAN ANGEL	1 25	10 00
CRESSBROOK	1 50	12 50

RED.	Per 100	Per 1000
MRS. POTTER PALMER	$2 00	$15 00
CHICAGO (Red Bradt)	2 00	15 00
ESTELLE	2 00	15 00
HARLOWARDEN	3 00	25 00
WHITE.		
HER MAJESTY	3 00	25 00
WHITE CLOUD	1 50	12 50
FLORA HILL	1 50	12 50

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS.

Wholesale Growers of Cut Flowers,

51 Wabash Ave., CHICAGO.

NEW CARNATIONS

We are Booking Orders for this Season's Novelties in Carnations

	100	1000
Judge Hinsdale (Ward)	$12 00	$100 00
Mrs M A Patten (Peter Fisher)	12 00	100.00
Golden Eagle (Ward)	10.00	
Sunbird (Marquisee)	12 00	100 00
Sensation (Ward)	10 00	
Flamingo (Marquisee)	12 00	100.00
Crusader (C. C. Co.)	10.00	80 00
Christmas Eve (Ward)	$10 00	
The President (Ward)	12.00	$100.00
Octoroon (Ward)	10.00	
Nelson Fisher (Fisher)	12.00	100.00
Ethel Ward (Ward)	12.00	
Indianapolis (Baur & Smith)	12.00	100 00
Mackinac (Ward)	10.00	75.00
Reliance (C. C. Co.)	$10.00	$ 80.00
White Lawson (C. H. Allen and James Hartshorne)	12 00	100.00
Lady Bountiful (Dorner)	12.00	100 00
The Belle (Dorner)	12.00	100.00
Albatross (Marquisee)	12.00	100.00

ALSO THE FOLLOWING STANDARD VARIETIES:

	100	1000
Mrs. Theodore Roosevelt	$4 00	$30.00
Gov. Wolcott	4.00	30.00
Gov. Lowndes	6.00	50.00
Lillian Pond	5.00	45 00
Enchantress	6.00	50.00
Mrs. John A. Thayer	5 00	40 00
Alpine Glow	$5 00	$40 00
Mrs. T. W. Lawson (pink)	3 00	25.00
Floriana	3 00	25 00
Wm. Scott	1 50	12 50
Gov. Bliss	4.00	30.00
Adonis	8.00	70 00
Golden Beauty	$5 00	
Dorothy Whitney	5 00	
Lorna	2.50	$20 00
Prosperity	3 00	25.00
Harry Fenn	4.00	30.00

Descriptive List of Carnations now ready—Copy mailed upon application.

THE COTTAGE GARDENS, Queens, N. Y.

Mention the Review when you write

PITTSBURG.

The Market.

Since my last notes the market has weakened and prices took the downward course. Stock is now plentiful, a large surplus in all flowers existing. The demand for flowers was practically shut off by the very cold weather which prevailed most of last week. The temperature fell as low as 20 degrees below zero. Many of the florists who received shipments from distant points had heavy losses by freezing. Quantities of stock were received frozen into solid mass, which never recovered.

Carnations are abundant and selling slowly; in lots of 1,000 they are offered as low as $15 and $20. Roses are faring better, the supply being just about equal to the demand, but the call for Beauties is limited. An over-production in Paper White narcissi and Roman hyacinths is quite noticeable, and quantities remain unsold on the wholesalers' hands. Tulips, Proserpine, Yellow Prince and La Reine, are being received in quantities but sell slowly.

Various Notes.

Wm. Lauch is cutting on a fine crop of carnations.

The Pittsburg Cut Flower Co. is receiving yellow Trumpet daffodils of good quality.

T. M. Ulam had a busy week in funeral work.

Breitenstein & Flemm made a lavish window display of violets and baby primroses last week.

Mrs. E. A. Williams had several pretty decorations the past week.

Randolph & McClements furnished the decorations at the Duquesne Club, last Saturday, for the annual dinner of the heads of departments of the Carnegie Steel Co.

E. C. Ludwig is issuing an artistic and costly floral album. The album contains new and original designs of his own handiwork.

After the installation of the officers of the Florists' Club at the next meeting, Tuesday, February 2, a "smoker" will be held. The committee is C. C. Reineman and Gustav Ludwig, who are making arrangements for a good time. Mr. Reineman wants all members of the club to attend and come prepared to smoke a pipe, sing a song, dance a jig, or tell a story. Boys, refreshments will be served, so don't eat your suppers before.

C. T. Siebert, the inventor of the zinc glazing point, reports a heavy demand for this article. Hoo-Hoo.

CARNATIONS

I HAVE TO OFFER A FEW THOUSAND CAREFULLY SELECTED and WELL-ROOTED CUTTINGS of the FOLLOWING VARIETIES:

	Per 100		Per 100		Per 100
Boston Market	$4.00	Harlowarden	$6.00	Dorothy	$2.00
Gov. Wolcott	5 00	H. Fenn	5.00	Marquis	2.50
Lorna	3.00	Prosperity	3.00	Morning Glory	2.00
Her Majesty	5.00	Lawson	2 50	Crane	2.50
Norway	2.00	Joost	2.00		

WM. SCOTT, Corfu, N. Y.

Mention Review when you write

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.

Mention the Review when you write

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery.
$1.25 per doz.; $8 00 per 100; $70.00 per 1000.
Also Rooted Cuttings of Enchantress, $6.00 per 100. **G. M. NAUMANN, 1537 Doan St., Cleveland, O.**

Mention the Review when you write.

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12 50

A limited number of all the above from 2-in. Cool grown.

Fine Stock for Summer Blooming and Early Planting. Write for Prices.

GERANIUMS

From 2-inch in twelve good varieties. Our selection, $2.00 per 100; $15.00 per 1000.

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention Review when you write.

...ROSES...

We grow over 100 000 annually for the trade of the following varieties:

	r. c.	2x2½ in.	2½x3-in.
Meteors	$1.50	$2.50	$3.50
Brides	1.50	2 50	3 50
Maids	1.50	2.50	3 50
Perles	2 00	3 50	4.50
Ivory	1 50	2 50	4.50
LaFrance	2.00	3.00	4.00
A. V. Kaiserin	2 00	3 00	4.00
Woottons	2.00	3.00	4 00
Belle Siebrecht	2 00	4 00	5.00
President Carnot	2.00	4.00	5.00
Golden Gate	2.00	4.00	7.50
American Beauties	3.00	6.00	8.00
Liberty	5.00	10.00	....

We believe in shifting young roses often. All stock offered in 2½-in. pots have been shifted from 2-in. and are equal to most stock advertised as 3 in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Ivory is a money maker. Be sure and include a few in your order. Send 50c or $1.00 for samples of anything you may want, then you see exactly the stock you are ordering.

GEO. A. KUHL, - Pekin, Illinois.

Mention Review when you write.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget. $2.50 per 100; $20 00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	1.50	12.50
Dorothy	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.25	10.00
Ethel Crocker	1.25	10.00
White—		
Flora Hill	1.25	10.00
White Cloud	1.25	10.00
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00
Rooted Rose Cuttings—		
Bridesmaid	1.50	12.50
Bride	1.50	12 50
Ivory	1.50	12.50
Perle	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO.**

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
Mention the Review when you write.

Rooted Carnation Cuttings

Selected from healthy stock with the one ides of producing good, strong plants. Most of the varieties below are ready. New batches will be put in from time to time for later orders.

	Per 100	1000
Enchantress	$5.00	$45.00
Gov. Wolcott	3.50	30.00
Lawson	2.00	17.50
Palmer	$2 00	$17.50
Prosperity	2 50	20 00
Joost	2.00	17.50
Lillian Pond		$4 00
Harlowarden		6.00
Higinbotham		3.00

Stock Mums of Merry Christmas, 10c each: $1.00 per doz.

POEHLMANN BROS. COMPANY, Morton Grove, Ill.

Mention Review when you write.

PARTRIDGE

—HAS—

"NELSON FISHER"

—AND—

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. "**Nelson Fisher**" has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00**; per 100, **$12.00**; per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,
"Bloomhurst," Station B. CINCINNATI, O.

Mention the Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention the Review when you write.

Carnation Cuttings

We now have ready good well-rooted Cuttings from the following varieties:

	100	1000
Enchantress	$6 00	$50
Fair Maid	3.00	25
Fragrance	6.00	50
The Queen	5.00	40
Boston Market	4.00	30
Gov. Wolcott	5.00	40
Bradt	3.00	25
Prosperity	2.50	20
Eldorado	$2.50	$20
Manley	4 00	30
Adonis	4 00	30
Lawson	2.50	20
Joost	2.50	20
Harlowarden	6.00	50
Harry Fenn	5.00	40

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. BILLERICA, MASS.
Mention the Review when you write.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
PLATBUSH, N. Y.

Orders may also be sent to the firm of
SLINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write

ROOTED CARNATION CUTTINGS

Clean, healthy stock, well rooted. Liberal count given for expressage.

	Per 100	Per 1000
Snow Drift, white	$1 50	$12.00
Joost, pink	1 50	12 00
Cartledge, pink	1.50	12.00

Asparagus plumosus, extra strong, 4-in., ready for 5-in., $12.50 per 100. 25 at 100 rate. Cash please.

JOHN R. SHREINER, - - Lancaster, Pa.

Mention the Review when you write.

PHILADELPHIA FARMERS.

Gardeners, florists and farmers will meet in Horticultural Hall on January 19, under the auspices of the Pennsylvania Horticultural Society and the Florists' Club of Philadelphia. Edwin Lonsdale will preside and Ernest Hemming will deliver an address on "The Old Fashioned Flower Garden." T. H. Peachy will talk on "The Making of Farmers." J. Otto Thilow will discuss "Improvements in Vegetables." James Boyd will describe a recent trip through Syria and Egypt. Other papers to be read are "Lawns and Lawn Making," by Professor R. Carleton Ball; "Value of Our Native Birds to the Farmer," by Professor Franklin Menges; "Soil Improvements," by Mr. Peachy; "Attractive Home Surroundings and Their Value," by J. Ogelsby Paul; "Insect Friends and Foes of the Farmer," by Professor Menges, and "Alaska, Land of the Midnight Sun," by ex-Senator Harlan. The question box for problems to be solved is in charge of G. C. Watson.

OMAHA.

Christmas trade was up to the mark; every store man and grower is satisfied. There seemed to be no favorites. Whatever was offered, if nice and worth the money, was sold. Some nice Begonia Gloire de Lorraine were seen at A. Donaghue, Jr.'s new store, along with several plants of English holly in tubs. Azaleas and all plants in bloom sold very rapidly; in fact, more potplants were sold than ever before.

The supply of cut flowers was equal to the demand, with carnations leading, a trifle higher than last year.

Holly, roping and mistletoe were very plentiful; in fact, a glut of the latter. One commission house disposed of 16,000 yards of roping. J. H. B.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention the Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write.

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. IT NEVER BURSTS.

This will be sure to become a standard commercial variety on account of its **fine color, good form, size, stem** and **floriferousness.** Nothing we have ever had on our place could touch it in **blooming. Every shoot a flower stem and never off crop.** Stands a **foot above** Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. **It keeps its bright color.**

Was awarded
Certificate of Merit
by the **Cincinnati Florists' Club,**
January 9, 1904

Come and see it growing.

$2.50 per doz., $12.00 per 100, $100.00 per 1000.

BAUR & SMITH, 330 W. 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention the Review when you write

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, finest purple, lavender, white and pink sorts named, 2 year, at 18c; 1 year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii, 2 year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.

Mention the Review when you write.

New Carnations

All of the leading new varieties of 1904 at introducers' prices. The best of last year's varieties and other standard kinds Now Ready.

NEW CHRYSANTHEMUMS

Novelties of 1904 and other desirable kinds.

Write for preliminary price list, ready Jan. 10th.

H. WEBER & SONS, Oakland, Md.

Mention the Review when you write.

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000

Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. Stevia stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Always mention the Florists' Review when writing advertisers.

NEW CROP

PLUMOSUS SEED

Ready for delivery about January 15.
Write for prices.

Rooted Carnation Cuttings.

Lillian Pond	$5.00 per 100	$40.00 per 1000
The Queen	5 00 "	40 00 "
Enchantress	6 00 "	50.00 "
Lawson	3 00 "	25.00 "
Prosperity	3.00 "	25.00 "

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100	Per 1000
2¼-in.	4 to 5	18 to 20-in.	$6.00	$50 00

Asparagus Plumosus.

2¼-inch pots	$3 50 per 100	$30 00 per 1000
3 -inch "	6.00 "	55.00 "

SAMUEL S. PENNOCK,

1612 Ludlow St., Philadelphia.

Mention the Review when you write.

Palms, Ferns, Etc.

Araucaria Excelsa from 18 20 to 25 inches high, 6-inch pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8 inch pots 25 to 33 inches high, 25 to 32 inches across $2.50 to $3 00 each, worth $10.00 retail; 5¼-inch pots, 40c to 50c.

Ficus Elastica (Rubber Plants). Extra fine stock, 6-inch pots 20 to 25 inches high, $4 00 to $5 00 per doz; extra specimens, 50c each, $6 00 per doz.; 5½-inch pots, 18 to 20 inches high, good stuff, 25c to 30c each.

Dracaena Brnanti, just the right plant for decorative purposes, 25 inches high, full of foliage from top to bottom, 6 inch pots 50c each or $5 00 per doz.

Boston Ferns, 7-in., very large, bushy specimens, $1 00 each.

Kentia Forsteriana and Belmoreana 20 inches high and upwards, 6-inch pots, good for decoration, slightly damaged, 60c each.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

Mention the Review when you write.

GERANIUMS AND MISCELLANEOUS STOCK.

From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid.		1.00
Baby Primrose, "Primula Forbesii"	40c	2.00
Coleus, 15 varieties ...per 1000, $15 00,	40c	2.00
Chrysanthemums. Hardy Pompon, list of over 100 varieties now ready. Ask for it. Orders booked now for spring delivery.		
Forget-Me-Nots, large flowering	40c	2 00
Fuchsias, in variety	50c	2 50
GERANIUMS, such varieties as Centaur, Gulean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte JeanViaud, Mme. Landry Granville, Mrs. E. G. Hill Mme. Bruant Queen of the West, Single Gen. Grant, etc	40c	2.00

	Per doz.	Per 100
Grasses, Erianthus Ravennae, Eulalia Striatis, Gracillima Univittata and Japonica Zebrina		$5.00
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2 00
Hibiscus, in assortment	60c	4 00
Holt's Mammoth Sage, per 1000, $15 00,	40c	2.00
Lemon Verbena ...per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties per 1000, $17 50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2 00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2 50

SPECIAL -- FOR THE BALANCE OF JANUARY ..... **1000 Geraniums,** our selection, $17.50.

Notice our Vegetable Plant advertisement in this issue Cash with order please.
Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

Mention Review when you write.

GERANIUMS and OTHER Seasonable Stock

All Stock from 2½-inch pots, except where noted.

GERANIUMS—Standard varieties, such as S. A. Nutt Marvel Mme. Barney, Jean Viaud, La Favorite, Heteranthe, etc., $2 50 per 100; $20.00 per 1000.
Le Soleil Mme. Jaulin, John Doyle, Fleur de Roze, A. Ricard Beaute Poitevine, Mrs. E. G. Hill, Vera Vend, etc. $3.00 per 100; $25.00 per 1000.

Our Selection of varieties, to include many of the newer sorts $2.50 per 100. $20.00 per 1000.

ABUTILON SAVITZII, $3.00 per 100. **ABUTILON ECLIPSE,** $2.50 per 100. **ASPARAGUS SPRENGERI,** $2.00 per 100; 3-inch, $3 00 per 100. **BOSTON FERN** $4 00 per 100. **PALM—Cocos Weddeliana,** $10.00 per 100; 3-inch .....$15.00 per 100. **OTAHEITE ORANGE,** $3.00 per 100. **PONDEROSA LEMON,** $3.00 per 100

THE STORRS & HARRISOH CO., PAINESVILLE, OHIO.

Mention the Review when you write.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

Mention Review when you write

ASPARAGUS

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, 2-inch pots	1.50
Geraniums—10 varieties	3.00
Primroses—Chinese and Obconica	1.25
PANSY PLANTS	.50
$2.50 per 1000	

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write

STOCK MUMS CHEAP. LAST CALL.

White—Kalb, Queen Bergmann, Robinson, Wildwbrook, Ivory, Eaton: **Pink**—Pacific, Shaw, Dean, Perrin, Lav. Queen; **Yellow**—Whitldin, Golden Wedding, well furnished with strong and healthy cuttings **$4 00 per 100** To close out, Chamberlain, White Bonnaffon $10 00.

Five best forcing varieties roses, rooted cuttings $12.00 per 100; Beauties, $30 00.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention the Review when you write.

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1 00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later.

Cash with order. Write

S. D. BRANT - - - CLAY CENTER, KAN.

ALYSSUM—3-inch, $3.00 per 100.

Pelargoniums—Mixed varieties, 2¼-inch, $3.00 per 100. **Petunias**—Mixed varieties, 2-inch, $2.00 per 100. **Ivy Geraniums**—Mixed varieties, 2-inch, $2.00 per 100 **Primulas**—Obconica, rosea; fine plants, 3-inch, $5.00 per 100. **Geraniums**—R. C., Poitevine, E. G. Hill, A. Ricard, Gen. Grant, La Favorite, all mixed, $1.50 per 100; $12.00 per 1000. Cash please.

CONVERSE GREENHOUSES Webster, Mass.

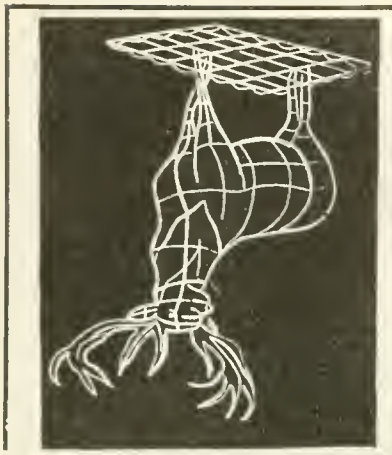
Asparagus Sprengeri,

2-inch .... $1.20 per 100.

Smilax 2-inch.....$ .75 per 100
Dracaena Indivisa, 2-inch..... 2.50
Cryptomeria Japonica, 2-inch .. 5.00 "

E. I. RAWLINGS, Quakertown, Pa.

Mention the Review when you write.



WIRE DESIGNS MADE UP-RIGHT

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

MANUFACTURERS.

.....CATALOG ON REQUEST.

Mention the Review when you write.

TORONTO.

The Market.

We have had genuine winter weather with the thermometer hovering between 10 and 20 degrees below zero day and night and an occasional brisk breeze to help it along. However, at the time of writing there appears to be a change and bright days with moderately cold nights will very materially reduce the amount of coal that our florists are consuming. One of our brothers who is somewhat inclined to scoff, made the remark the other day, when asked how he was feeling, "Oh, I'm all right, but my coal pile has the 'galloping consumption.'"

The lack of sunshine we note has made itself felt considerably on carnations, which are very soft at present and many complaints are being made about stock not keeping, while some growers tell us that their great trouble is to get anything to keep. Roses are somewhat overplentiful, especially No. 2 stock, which seems to be more abundant than anything else.

Various Items.

We note among the other improvements in the floral trade in Toronto the new wagon put into commission by John McKerrighan, the west end florist.

Some comment has been heard of late about the number of bottles of the "Old Scotch" that were distributed by our wholesale men among their retail customers at Christmas. We have this to say, that the weather since has been such as to fully warrant this friendly act.

We regret very much that in reporting J. S. Simmons' Christmas business last week, an error was made. While Mr. Simmons' business was everything that could be desired, the $500 mentioned should not have been used in that connection. D. J.

SALT LAKE CITY.

Everything is dull here at present, owing to the cold weather now prevailing in Utah. During the holidays business was good and went far beyond expectations. The holly trade has passed out of the hands of the florists, the grocery and candy stores handling in large quantities, both loose and made up in wreaths, much to the discomfiture of those to whom the business legitimately belongs.

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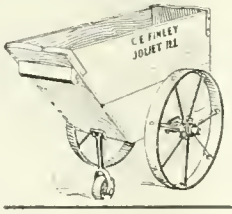

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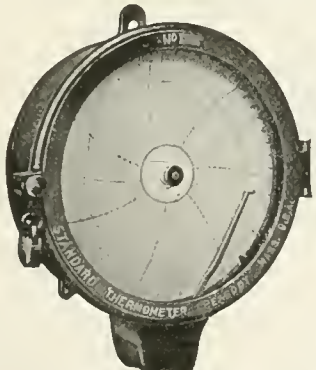

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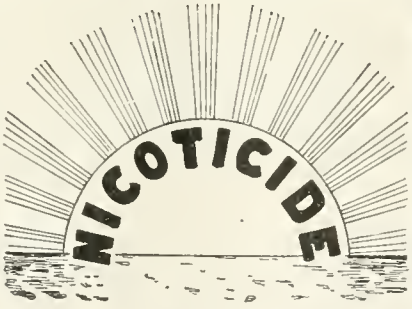

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OCEANIC, N. J.

The meeting of the Monmouth County Horticultural Society was held January 8, President Turner in the chair. One new member was elected. The discussion of the evening was "The Forcing of Lilacs and Azaleas," in which most of the members took part. Two tables of flowers were shown. H. A. Kettel, gardener to James Loeb, had five varieties of tulpils, some narcissi, Bride and Maid and Golden Gate roses in grand form. William Turner, gardener for M. C. D. Borden, showed carnations Enchantress, Lawson, Bradt, Prosperity, Queen, Lorna, Roosevelt and Governor Wolcott. Mr. Turner has about the best carnations in this vicinity and his Enchantress are exceptionally fine. N. Butterbach, gardener for C. N. Bliss, had Lawson, Prosperity, White Bradt, Manley and a seedling, a soft pink, unique in its shade, which scored 95 points and bids fair to surpass Lawson in shape, color and substance. George H. Hale showed a big vase of poinsettias, which are not easily excelled. Mr. Hale was asked to give a few points on the culture of same, which I am sure were a benefit to every one present. The judges for the night were W. W. Kennedy, John Kennedy and W. H. Griffiths. The society decided to hold its meetings twice a month during the winter, as previously. The eighth annual ball of the society will be held on February 12. B.

CANANDAIGUA, N. Y.

Business here during the holidays was all that could be desired, plants and cut flowers selling equally well. Carnations were in short supply, while roses and violets were about equal to the demand. Trade has held up very well since Christmas, with never at any time enough cut flowers to go around.

McKerr & Hawley have had two very fine decorations since Christmas, the most important being for the Sutherland-Smith wedding, which was the largest affair of its kind which has taken place here in many years. Robert H. McKerr put up the decorations in both house and church. This firm is growing some very good carnations and roses.

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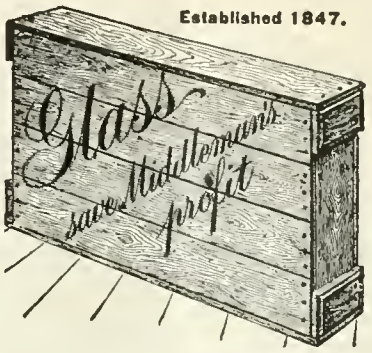

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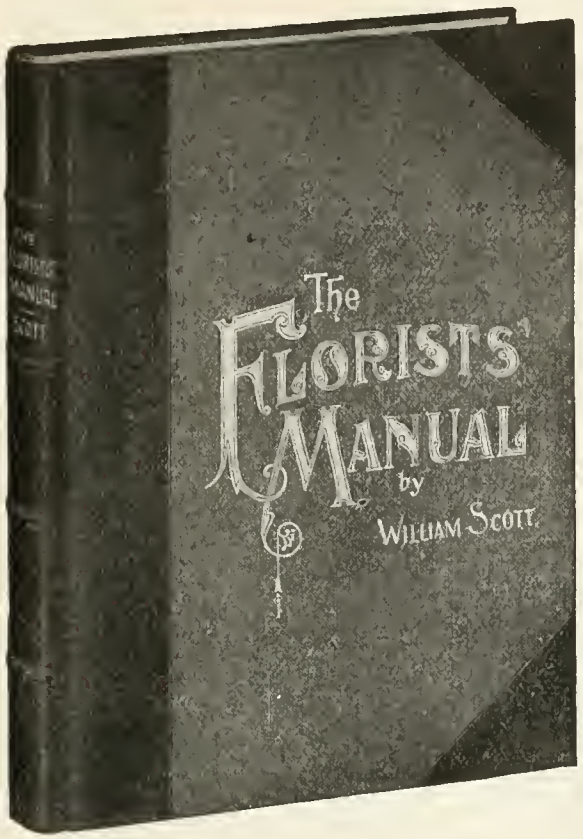

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PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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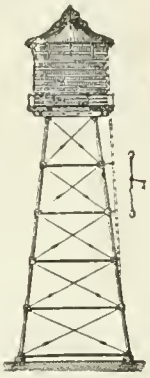

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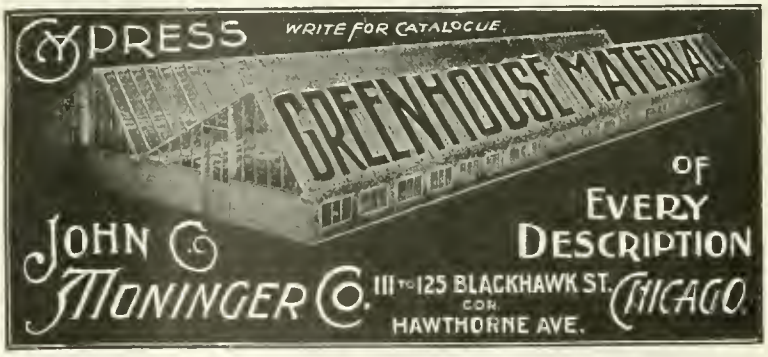

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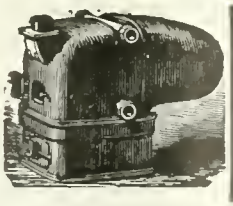

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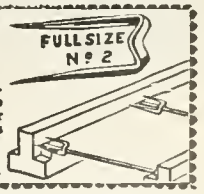

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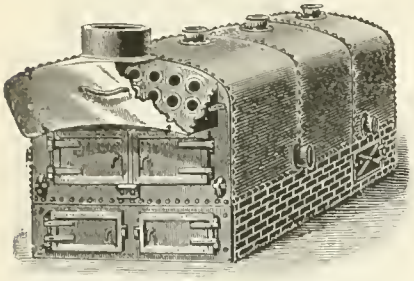

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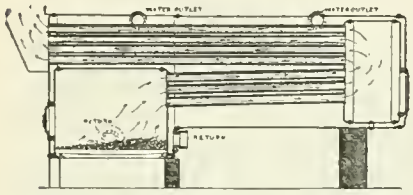

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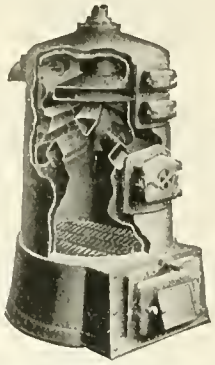
For STEAM and WATER HEATING. Made in 5 Sizes.

Are Easy to Operate. Work Economically, Cast in one piece



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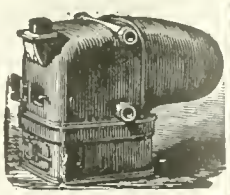

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, JANUARY 21, 1904. No. 321.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

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LIBERTY	"	4.00	to 12.00	CARNATIONS, Fancy	"	2.50	to 4.00
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ROMANS, VALLEY, NARCISSI, SPRENGERI, SMILAX, ASPARAGUS STRINGS, BRONZE and GREEN GALAX, FANCY COMMON FERNS.

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Harlowarden, crimson	6 00	"	50 00	"	Mrs. T. W. Lawson, dark pink.	2 50	" 20 00 "
Her Majesty, white	5 00	"	45 00	"	Mrs. Higinbotham, light pink..	4 00	" 30 00 "
Lillian Pond, white	5 00	"	45 00	"	Prosperity	2 50	" 20 00 "
Pres. McKinley, dark pink	5 00	"	45 00	"	**NEW VARIETIES for January Delivery:**		
Sibyl, dark pink	5 00	"	40 00	"	Crusader, best scarlet	$10 00	per 100; $80 00 per 1000
Dorothy Whitney, yellow	6 00	"	50 00	"	Reliance, white	10 00	" 80 00 "
Gov. Wolcott, white	5 00	"	40 00	"	Moonlight, white	10 00	" 75 00 "

SEND FOR DESCRIPTIVE LIST OF ABOVE AND OTHER VARIETIES.

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. JOLIET, ILL.

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Azalea mollis...$20 00 $35.00, $45.00, $60 00 per 100
Rhododendrons, hybr., for forcing, $45 00, $90 00, $150 00 per 100.
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Magnolia, in variety, to name, well budded, $150.00 per 100.
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Carnation Bands. Only a tiny thing but keep a good stock on hand, for wisely used they will pay you well. Price, 1000, 15c; 2000, 25c; 4500, 50; 7000, 75c; 10,000, $1.00.

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Our Selection of varieties, to include many of the newer sorts, $2.50 per 100; $20.00 per 1000.

ABUTILON SAVITZII, $3.00 per 100. **ABUTILON ECLIPSE,** $2.50 per 100. **ASPARAGUS SPRENGERI,** $2 00 per 100; 3-inch, $3.00 per 100. **BOSTON FERN,** $4.00 per 100. **PALM—Cocos Weddeliana,** $10.00 per 100; 3-inch.....$15.00 per 100. **OTAHEITE ORANGE,** $3.00 per 100. **PONDEROSA LEMON,** $3.00 per 100.

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47 BARCLAY STREET, NEW YORK.

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Be sure and try it when you want Smilax.

Galax, bronze or green, 75c per 1000, discount on large orders. **Laurel Festooning,** No. 1 quality, 4c, 5c and 6c per yard, always on hand and large orders filled at short notice.

Fancy or **Dagger Ferns** $1.50 per 1000.

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DEARBORN ENGRAVING CO.,

300-308 Dearborn St., CHICAGO.

CARNATIONS

CARNATION NOTES—WEST.

Handling the Cuttings.

Some of the cuttings you put into sand early last month will be rooted by this time and you should pot them as soon as they are ready. Most propagators put their cuttings from four to six times closer together in the sand than they would plant them after they are rooted. After they are rooted they at once begin to grow and if they are allowed to grow much they draw up quite rapidly and it takes but a short while for them to draw up into spindling weak cuttings that are hardly worth potting. Then, again, the growth will be thin and weak for lack of nourishment, which is nearly always absent in the propagating sand. While the cutting has no roots it needs only water to keep it fresh, but after the roots are formed it is a plant and requires the same food as any growing plant. If these foods were found in any quantity in the sand the cutting would rot in most cases.

After the cuttings are rooted we withhold the water a little in order to prevent the cuttings from becoming soft and watery which they will do quickly if the sand is kept as wet as while they are rooting. Don't let them get very dry, however, as that will harden them too much and perhaps stunt them. Also, if possible, let the sun strike them all day for a few days before you take them up. They will suffer less if hardened off just enough so that they are not too sappy.

Many growers plant the cuttings into flats about two inches apart and plant from them into the field, while others pot them from these flats a few weeks before planting-out time. We believe in planting from pots and if you will do it the latter plan is all right, but so often you start out with intention of doing it and when the time comes for the potting, you are busy, room is scarce and the young plants are growing nicely, and so the potting is omitted and the young plants go from the flats into the field. The next fall, when your plants won't lift with any ball to them, you swear that you will never plant again except from pots, but the next spring it goes the same way again. We have been in the same boat, but we have learned from the experience. Up to the latter part of January we pot into small pots, 2-inch or less, and from these about March we shift into 2½ or 3-inch pots, according to variety, etc. From about February 1 on we pot right into 2½-inch pots and they usually do very well in them until planted in the field.

A light, well ventilated house is just as essential to growing these young plants as it is to the blooming plants. Many growers have a mum house and where these can be used for the young carnations you can give them just what they want. The temperature should be rather lower than higher than the blooming stock is kept at. They should grow slowly and stockily and this can only be in a cool temperature, say between 45 and 48 degrees. I would not advocate a lower temperature than 45 degrees, as below that you would have trouble in keeping the atmosphere dry, and the young plants enjoy a dry atmosphere as well as the older ones. If you have only your carnation houses you can no doubt find a bench in one of the coolest houses that has yielded the greatest part of its season's crop, or perhaps some variety has not done very well and you will be glad to throw it out. Take the soil and all out and put either sand or sifted cinders on the bench to set the pots on. Never set the pots on soil, as the roots will go down into the soil and the plant will feed on that soil, making a large, soft growth, and when you pull them loose the plants will wilt badly. Fishworms are also more troublesome when the pots are set on soil.

Disseminating Novelties.

Mr. Osborn has a good article in last week's issue on caring for the cuttings of the novelties as they arrive. If you follow his advice you will have little trouble. I just want to emphasize what he says about not placing these young cuttings in a forcing house in order to get a cutting off of each plant, but rather grow each cutting into a sturdy young plant that will be able to show what the variety really is. Not long ago I heard a large grower say that last spring he bought 200 Enchantress, but when he planted them in the field he had just about 800 of them. Think how he must have pushed them and slaughtered them after they had made a big growth. Don't you believe that he will be one of the first ones ready to throw it out on account of disease and deterioration? I won't tell you his name, but I will remember that remark if he ever complains along that line. It sometimes happens that you can get a cutting from a young plant that is grown cool if it was propagated quite early, but they should not be forced along with that object in view.

Some of the novelties are arriving and most of them are nice, clean stock. Some of them are a trifle soft, caused, no doubt, by being rooted rather warm. We will always have more or less of this to contend with, however, as long as we demand our cuttings as early as we do. Everybody wants his cuttings in January or early February and the disseminator is obliged to take many cuttings a week or two before they really ought to be taken and he has to turn

Rose Mme. Chatenay as Grown by Peter Reinberg, Chicago.

on a little extra heat to get them rooted as quickly as possible, and so it goes. We lose our temper if he asks us to wait a couple of weeks because the cuttings are not quite ready and, after being urged to ship as soon as possible by a dozen parties, unless he wants to cancel the orders, he takes them out a week earlier than they should be, and then is when his trouble really commences, and all because he tried to satisfy his customers. And now and again he runs across a man who will unpack the cuttings, pick out the very best ones and, if there are any among them that are not as heavily rooted as might be, send back the few poor ones. Every grower or propagator knows that when he takes a batch of cuttings out of the sand he finds some heavily rooted, others only medium and a few not rooted at all. He knows that those with less roots will grow as well as those with heavy roots and make as good plants, and so he pots all that are rooted at all. You should remember that a novelty roots the same way and unless the disseminator leaves the cuttings in the sand longer than they should be, at the risk of having them draw up and become soft, he is sure to have many with medium roots. If he sends out only heavily rooted cuttings he will soon find himself in poor shape to fill his orders.

Of course you have a right to expect good, clean stock that will grow if given reasonable care, but if a lot comes in poor condition don't ruin them altogether by repacking them and shipping them back, keeping them on the road a week instead of three days. Pot them up and take good care of them. Notify the shipper at once and he is a poor business man who will not be fair enough to replace whatever you lose after taking the best of care of them. Be as considerate toward the disseminator as you can. Remember that he is usually a hard worked man, and that he will do the very best he can to fill all orders satisfactorily. I have assisted in the dissemination of a good many new varieties and I know that on the disseminators' places usually there is nothing that causes as much anxiety as the novelty that is being sent out; anxiety to fill the orders and to fill them satisfactorily; in fact, to satisfy the whole trade.

Unless you buy from some dealer or grower with whom you have had dealings before, you should always state what express company you prefer. He cannot know which one gives you the best service. Don't be offended if he sends you a box C. O. D. if you have never bought of him before. If he knew you better he would not do it. If this were done more there would be less financial embarrassments.

These are all small things in themselves, but I have seen many gray heads that were brought on a few years too early by just such conditions and actions as named above. A. F. J. Baur.

ANOTHER WORD FOR ADONIS.

James Hartshorne, of the Chicago Carnation Co., writes that "noting the words for Adonis in your last issue, by H. Weber & Sons, I wish to state that our experience with the variety is very similar. We are so favorably impressed with it that we shall grow more of it next year. While our plants are rather weak and not all healthy, we actually believe the blooms that they are producing are superior to anything the introducer ever saw."

BEST PINK CARNATIONS.

Will Mr. Baur tell us what pink carnation is as good and as easy to grow as White Cloud or Flora Hill? Have Mrs. Joost but for some reason it does not do very well with us. White Cloud and Hill do nicely. Z.

When you ask for an easy growing, first-class pink carnation you ask a question that is not so easy to answer. There are several pink carnations on the market that are first-class and there are several that are easy growers, but to find one variety that possesses both of these qualities is another matter. Mrs. Lawson is good, but not easy to grow. Mrs. Nelson is good and grows easily, but it is hard to propagate. We consider Floriana right good and easy to manage. These we consider the best among the standard varieties, but we place our own variety, Indianapolis, ahead of all other bright pink varieties, for easy management, freedom of bloom, and general excellence in quality. It is our main pink for cut blooms.

As I have said in another answer today, you will just have to try the different varieties yourself until you find one that suits you, and when you find one that does well with you make it your main stand-by and try the new ones as they come out, always in search for one that will do better for you than what you already have. You will never find yourself without a good variety then to take the place of some old favorite that has run its race and is deteriorating in health and quality.

A. F. J. Baur.

Establishment of S. S. Brenneman, Webb City, Mo.

FAIRY RING.

I send herewith a bud of Cerise Queen carnation. Can you inform me as to the cause of the spots on the calyx and foliage? O. A. S.

I think the disease on the specimen sent is what is called fairy-ring. It is caused by a fungus and must be handled accordingly, and as such it spreads readily if not held in check. First, go over your plants and remove all leaves and buds showing signs of it and burn them. Then spray about once each week with the copper and ammonia solution. Give all the ventilation you can, and in fact do all you can to keep the atmosphere dry and sweet. This is a bad disease and should not be allowed to get any headway as it will do a great amount of damage in a very short time and then it is hard to get rid of. Burn every sign of it. A. F. J. Baur.

BEST WHITE CARNATIONS.

We have not yet found a satisfactory white carnation. Want a medium-sized flower and a healthy productive plant. Have tried Flora Hill, Queen Louise, McGowan, Glacier and Lillian Pond. Is there anything in white with size, shape and productiveness of Frances Joost? I. V. K.

About all I can advise you to do is to keep on trying new varieties until you find one that seems to like your soil and treatment. You may find some variety that is not generally considered very fine that will do extra well with you. Flora Hill and Queen Louise are two very good varieties and Lillian Pond is considered by some a very fine white. With us it has done fairly well this year. Innocence is troubled some with bacteria this year but otherwise we think well of it. Her Majesty is a very fine variety we think. The bloom is of good average size and it is extremely free. The color is not pure white, but a little creamy, with a few light pink stripes. I have seen Boston Market growing on several places, and it seems to be a good mate for Mrs. Joost in size, habit and freedom. I have seen most of this year's novelties in white growing and all are promising, but you will have to test them for yourself to find out which is best for you to grow. Try a few of each.

A. F. J. Baur.

FOR SUMMER BLOOMS.

Last season I set out, for summer bloom, several hundred carnations. They were propagated in October and planted out early. They grew into fine, large, healthy plants, but produced very few blooms. The varieties were Flora Hill, Joost, Crocker and White Cloud. The soil was a heavy alluvial loam. I am very anxious indeed to grow carnations in the field and believe it is a question

of soil. Is that the reason my plants did not bloom? K. C.

I am at loss to know just what could have caused your carnation plants to refuse to bloom last summer. The varieties were all right except White Cloud, which is not a good summer bloomer. If you set out good young plants and they grew into fine large plants there was nothing wrong with the soil, I am sure. Perhaps you make the mistake of topping them after planting them out. Or perhaps they did not get enough rain to keep them growing through the hot weather. Blooming carnations need to be handled differently from plants that are to be housed for winter blooming. You should be prepared to supply them abundantly with water through the summer and keep them growing when the others are taking their summer nap. I am inclined to think that either one or both of above mentioned reasons were at the bottom of your trouble. You must bear in mind, too, that you must not expect them to produce a crop in midsummer like they do in the houses. A. F. J. BAUR.

A SWING AROUND THE CIRCLE.

It is the custom for one of the Dailledouze brothers, of Flatbush, N. Y., to take a trip each year to the principal carnation growing points, as far west as Chicago, and usually it is Paul Dailledouze who makes the swing around the circle. His visits are always welcome, for he usually leaves more new information than he takes away. He told the Chicago Florists' Club what he had seen in his travels and here are some of the things he said:

Leaving Brooklyn, his first stop was at Cincinnati, where R. Witterstaetter has large batches of seedlings under test. Mr. Dailledouze considers several of them very promising, particularly No. 820, a red which he thinks an all-round better thing than Adonis.

At E. G. Hill's, Richmond, he found a house of Adonis which was a splendid sight, in as good shape as anyone could ask, and he concluded that it would not do to pass this variety up without another trial. He was confirmed in this opinion by what he saw at the Chicago Carnation Company's place.

He visited the Mrs. Grave place at Richmond, to see if he could learn how to do McKinley, which has proved a disappointment at Flatbush. He also called on Chas. Knopf, formerly foreman at the Grave place, now a member of the firm known as the B. K. & B. Floral Co. Their stock looks good.

Reverting to the Hill place he said that they have a red seedling rose that looks to him to be an all-round better thing than Liberty. It has the color, more petals, better growth, and it is said to keep going all winter.

At Indianapolis Mr. Dailledouze was favorably impressed with Baur & Smith's new pink and advised that it be tried.

Going to Dorner's he was well pleased with both Lady Bountiful and The Belle. He thinks each worth a trial, but prefers the former for his own use.

At W. N. Rudd's he liked the white he is growing, also Phyllis, the light pink, and said the latter ought to have a good place beside Enchantress wherever a shipping trade is done, for he heard many complaints that Enchantress will not ship satisfactorily.

He liked the looks of the stock in the big cut flower plants around Chicago, several of which he visited.

Going out to Joliet he was well pleased with Crusader, but he was all eyes for Fiancee, a few plants of which he had seen at Dorner's. He says that there is nothing in sight to equal it.

Rose Uncle John, a Pink Sport of Golden Gate.

THE BRENNEMAN PLANT.

The accompanying half-tone was prepared from a photograph recently taken of the greenhouses of S. S. Brenneman, corner Roan avenue and Joplin street, Webb City, Mo. Mr. Brenneman's principal crop is carnations, but he also grows roses, ferns, green goods, etc. He reports a fine holiday trade both at the greenhouses and his retail store at Joplin, Mo.

A WINNING COMBINATION.

Kindly discontinue our Carlson's aster seed advertisement. Although we have had this in your paper only one week, our stock is exhausted owing to the exceedingly heavy orders received since our advertisement appeared. We do not know whether this is due to the fact that your paper goes in the hands of so many live florists or because the florists in general recognize the superior quality of this seed. E. H. HUNT.

ROSES.

Seasonable Hints.

During the busy season of propagating and caring for the young stock it frequently happens that the old stock, so long as they appear in good health, are somewhat neglected and left to take care of themselves in a great measure.

Proper attention to training so that every flower stem may be kept in an upright position and have the buds as fully exposed to light and as free circulation of air as possible, will result in a larger cut of high grade blooms. Neglect in this respect particularly at this season is conducive to the growth of weak, sprawly wood, which, if it does not come blind, will only produce weak necks and these are year by year, as cultural methods improve, becoming less marketable.

To secure a nice straight stem with perfect foliage and well developed bud the lateral shoots should be removed while they are yet young and soft. If they are allowed to remain long enough on the stem to become hard and woody they have by that time used a great deal of the nourishment which should properly have gone to develop the bud. The stem also will be more or less kneed, which spoils its gracefulness and detracts from its value.

Could we thoroughly realize the im-

portance of cleanliness and pure air and how closely these conditions are associated with health, the ground under the benches and the walks would be as free of weeds and decaying matter as the soil on the benches. Were these matters more closely studied there would be fewer diseases, and as weeds and rubbish are the favorite sheltering places of thrips and red spider, if these are rigidly excluded, these pests will be easier kept in subjection.

We can now expect an increase in the duration of sunshine from day to day and can with more confidence resort to liquid feeding. This can now be applied to healthy stock more frequently, adding a little to its strength as the season advances. Mulching should also be renewed when necessary. Ventilation can also be given more freely and advantage should be taken of every bright day to admit plenty of fresh air, as this is one of the most essential requirements of health. While this is being practiced due care must be taken to guard against sudden and extreme fluctuations of temperature, as this is a fertile source of mildew. These sudden changes also seriously affect the tender growths, causing checks which often result in malformed buds, especially in Beauty crops, and causing black heads in Meteors, which, when once started, are hard to bring back to good color again.

At this season any neglect in the weekly fumigation will be followed by the appearance of hosts of green-fly which now multiply rapidly and which will greatly add to our troubles and call for more energetic efforts to again get them under subjection. RIBES.

SPIRAEA JAPONICA.

We have about thirty pots of Spiraea japonica which were planted about the first of November and put immediately into the propagating house. About the first of December we moved them into the rose house. Only one has shown any signs of leaves. The roots look strong and healthy. Please tell us how they should be treated. L. L. B.

We think there is nothing the matter with the spiræa roots, only a great mistake was made. If they were imported roots you must have put them into the propagating house directly after they were received. It's simply a case of their having no rest and they will take a few weeks' rest in spite of the heat you gave them. So many times has the very simple operation of forcing the spiræa been written up in the columns of the REVIEW that I don't understand how you have escaped it. "Read, mark and inwardly digest" all you see in the REVIEW and you won't make many mistakes. By this time most likely your spiræas will be showing signs of growth and if you want them for Easter, and that's the only time they are profitable, it will likely still be too early unless you keep them cool and shaded during the month of March. Next fall unpack and place in flats with a little soil or litter over the crowns and keep them under the snow and allow about ten weeks in the greenhouse to bring them into flower.

W. S.

ROSES A SECOND YEAR.

We purchased last year a very fine stock of roses from the E. G. Hill Co., Richmond, Ind. The roses are in very fine condition and as they are not quite a year old, I hate to throw them away this year. They are in excellent condition, and have been blooming well this season. Now, the question arises, can we grow these roses another year by giving them three or four week's rest in May? Will they pay us in the cut flower business, and will we get good results from same the coming season?

C. E. S.

This is a question which is propounded to me several times a year. It does seem like a sacrifice to throw out stock just when it looks to be approaching its best, but experience teaches us that there is greater risk of failure, more work and skill required to carry a house over with profit than in handling young stock. Most of us have given way to this feeling from time to time, and many have been the attempts to do this successfully. Some have succeeded fairly well in carrying them over, not only one season, but three or four. One grower of my acquaintance has a house which is three years old, and so well is he satisfied with his experiment that he contemplates carrying it over yet another season.

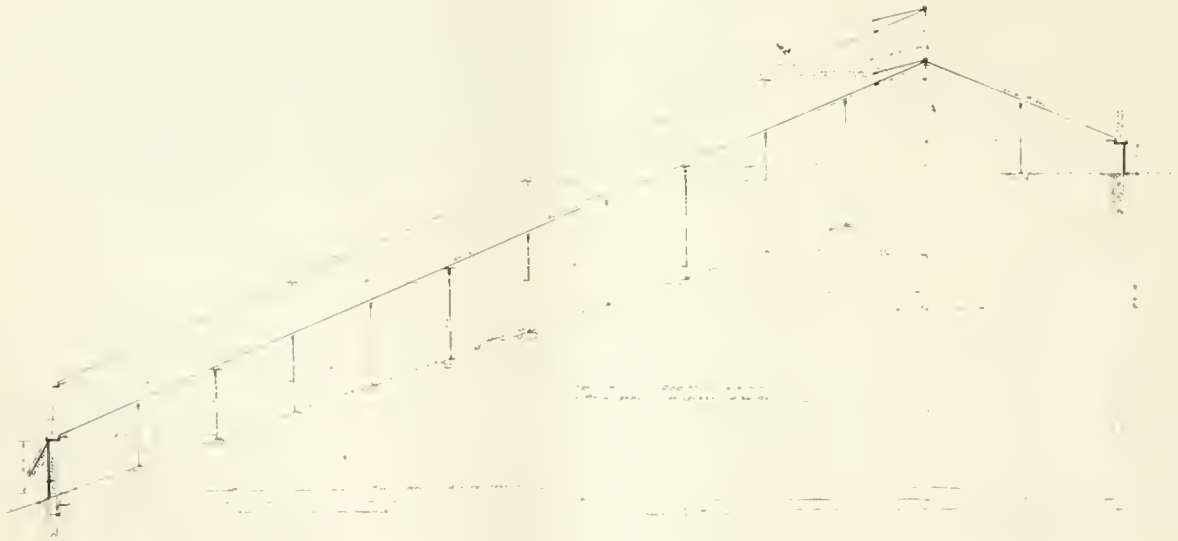
The majority of these experiments, however, are usually so much of a failure that one trial is all we care to risk. Personally, I favor young stock, as by this method I have had most success and have seen more success attending well handled young stock than with carried over stock however skilfully handled.

I have a theory that in the future our cultural methods will so improve that carried over stock will be the rule, as it is among English growers. This, however, being in the experimental stage, is a subject for experts and as experiments are simply a groping after knowledge and are therefore liable to failure, it is safer for the ordinary grower to abide by established and certain methods if he wishes to avoid such. RIBES.

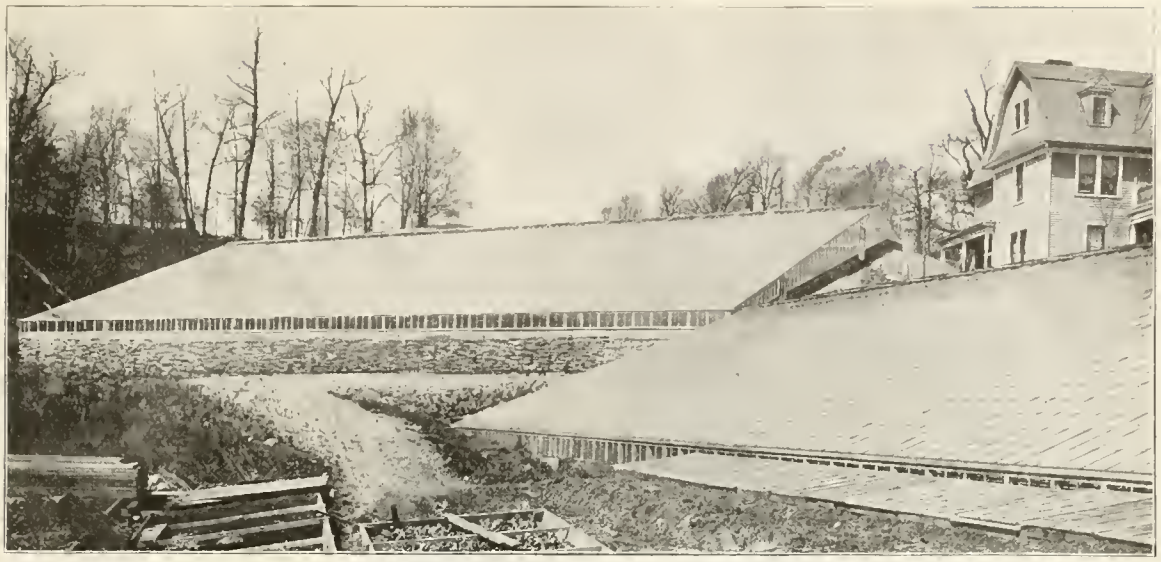
SOFT GROWTH.

We have Bride and Bridesmaid roses that are growing nicely, but the trouble is that when a bud sets on a cane it stands open, with stumpy green petals. By leaving it on it makes a tolerably fair rose, but is wide open. The side branches of the same plants make good buds and roses. We used rotted sod, four parts to one of manure, with ten pounds of bone meal to 100 square feet of bench. What is the trouble and the remedy? C. H. H.

Those canes which are produced from or near the base of the plant during the short and sunless days are frequently so devoid of woody fiber that they are incapable of developing the buds properly. Cutting them back to the eyes which are likely to produce the strongest lateral shoots is the most profitable way to treat them. As this condition is most prevalent where the soil is deficient in calcareous matter, a sprinkling of lime has often a very beneficial effect. As the days lengthen, accompanied by a longer duration of sunshine, when ventilation can be more freely given, the wood will be of a better quality, and the defect will disappear. RIBES.



Sectional View of Vegetable House Eighty Feet Wide Operated by W. H. Weinschenk, New Castle, Pa.



Vegetable Houses of W. H. Weinschenk, New Castle, Pa., one 60 x 200, the other 80 x 200.

Vegetable Forcing.

THE MARKETS.

CHICAGO, Jan. 20.—Radishes, 20 to 45 cents per dozen bunches. Cucumbers, 50 cents to $1.10 dozen. Lettuce, head, $1 to $3.25 barrel.

NEW YORK, Jan. 18.—Cucumbers, 20 cents to $1 dozen. Lettuce, 25 to 75 cents dozen. Radishes, $1.50 to $3 per 100 bunches. Rhubarb, 75 to 85 cents dozen. Mushrooms, 10 to 50 cents pound. Tomatoes, 10 to 20 cents pound.

BIG VEGETABLE HOUSES.

The illustrations of the W. H. Weinschenk greenhouses, at New Castle, Pa., in this issue show what may well be said to be the most remarkable vegetable forcing houses in this country. The nearer house, of which only a part is seen in the photograph, is 60x200, the further house 80x200. As is seen, the houses stand on a side hill, the grade being steepest under the narrower house and four inches to the foot under the house which is eighty feet wide. A cross section of this house is also shown, illustrating the style of construction. Under the long slope there is a line of purlins every six feet, the roof being seven feet six inches from the ground at the ridge and four feet at the south gutter. The ridge is twenty-seven feet and eight inches above the south (lower) gutter, but Mr. Weinschenk says he finds no trouble in ventilating or in heating. There are twenty-three four-foot ventilator sash, each the width of four lights of 20-inch glass, along the south side of the ridge, and in the side wall there is a continuous line of 20x30 ventilators.

Both houses have solid beds, made of swamp muck twelve inches deep, liberally enriched with cow manure. In the nearer house there are four beds, each twelve feet wide, each bed elevated four feet above the one south of it by a retaining wall. No walks are provided, a line of 6-inch boards being laid along the center of each bed before planting, for convenience in setting plants and watering while the crop is being started. The wider house is on the same plan as the other except that there are no retaining walls, there being a gradual rise of four inches to the foot.

The narrower house is heated by a No. 8 sectional steam boiler, by the overhead system, having one 3-inch main and eight 1¼-inch flows near the glass, the same returning about fifteen inches from the ground. The bottom bed has about forty per cent of this piping, there being proportionately less as the house rises, it being obvious that on account of the sharp incline the heat rises quickly to the top. Nevertheless, an even temperature is maintained, varying but little except for a few feet at the bottom wall in severe weather. The wider house is heated by a No. 10 sectional steam boiler, with one 3-inch main and eleven 1¼-inch flows and returns distributed as described for the other house.

Both these houses are devoted to vegetables, growing three or four crops of lettuce and one of cucumbers from October to June, or beginning with cucumbers in September, followed by two crops of lettuce and ending the season with another crop of cucumbers. Mr. Weinschenk says these houses are especially adapted for these crops and under favorable conditions, with good stocky plants, lettuce is usually ready in about six to seven weeks in mid-winter, often averaging ten to twelve ounces each. Grand Rapids is the variety grown, planted 8x8 inches. But cucumbers are the most profitable crop, the plants fruiting heavily in the fine light. Mr. Weinschenk built the wider house after having tested the other, the plans and material being supplied by the John C. Moninger Co., Chicago. He says that he is satisfied that where these wide houses can be erected they possess many advantages over a range of smaller ones, getting much more light by eliminating shade from gutters or walls. There is also economy in construction and heating and Mr. Weinschenk says they are much more convenient to work in.

TOMATOES.

I can sell a good many tomatoes during June and July. How long does it take from the time the flower is set until the fruit is ready to pick? Can I grow them in pots and plant out about May 20? What size pot would be required and how far advanced would the plants have to be at that time? It is intended to grow them to one or two stems. What variety would be best and when should seed be sown? L. N.

The time between the setting of the flower and ripening of the fruit depends so much on the weather that no definite time could be specified, but under average conditions it would probably be from six to eight weeks. Seeds should be sown not later than the middle of February, and the plants kept growing on and moved up without a check. They will need 8-inch pots before the time of planting out. We grew a lot with this same end in view last year and they proved quite a success. Although the plants could have been held over in 6-inch pots we considered that the larger shift was necessary to avoid a check which would have resulted if the plants had been pot-bound at time of planting out. Even with this precaution and careful hardening off before planting out they lost quite a few of the bottom leaves, but it did not interfere with the ripening of the fruit, several trusses of which were set on the plants while still in the pots. As to variety the most productive one we had was Sterling Castle, though the fruit of this was rather small. Lorillard was good, the fruit being larger. I chose these two varieties because I knew they were free setters, but I should think any good early variety would act all right.

W. S. CROYDON.

PARSLEY.

This is one vegetable that no one need be in any doubt about growing, as it always finds a ready sale, being universally used by all sorts and conditions of people. The thrifty housewife would not consider her soup complete unless she used a few blades of parsley to flavor it, neither would the high-class chef consider many of the numerous creations of his fertile brain complete unless garnished by the same indispensable green: for him there is nothing just as good; it must be parsley and parsley only. And,

this on the "q. t.," when the cook has been filling her hollow tooth with something that makes her breath smell suspicious, there is nothing that will counteract the odor quicker than the chewing of a blade of parsley. These and many other uses to which parsley can be put combine to create a demand that must be supplied.

To supply this demand in winter requires a little forethought, as parsley is somewhat slow in the earlier stages of its growth. When sown in spring in the open ground it does not require so long to attain sufficient size to be fit for use, but during fall and winter it takes about four months from seed to produce fully matured leaves. The best time to sow for winter use is during the month of July. Any garden spot, where the soil is fairly good, will suit. The soil should be forked over and well pulverized, the surface being smoothly raked. Sow rather thinly in shallow drills about one foot apart. Firm the soil well over the seeds and if the soil be dry give a good watering. All the attention needed until time to take indoors will be to keep clear of weeds and water occasionally if dry weather prevails. No thinning should be necessary unless the seeds have been sown too thickly.

About the middle of October is a good time to lift the plants, before danger of hard frost. A little frost will not do them any harm but the less they get the fresher they will be. When crowded for space we have often kept the plants protected by covering with boards at night until after the chrysanthemums were cleared from the benches. Lift with a spade in clumps and set about the same distance apart as they were outside. Pack moderately firm in the benches, give a good watering and shade for a day or two until they have taken to their new quarters. Once well established an occasional watering with liquid manure or a top-dressing of sheep manure will help to push the growth along.

Parsley will not stand hard forcing. A night temperature of from 40 to 45 degrees is quite high enough, a higher temperature only induces soft growth, with leaves of thin texture and is almost sure to bring on attacks of aphis. These will sometimes put in their appearance, even at a low temperature, but a few tobacco stems spread between the rows and renewed occasionally will prevent any trouble from this source. Tobacco powder should never be used, as the formation of the leaves makes it very hard to wash off and tobacco is not a desirable flavor for any kind of soup. If it is intended to keep up the supply until the outdoor article is ready it can be done in two ways. Either sow seeds in cold frames about the end of July and winter over for spring use or sow in flats about November and make a fresh plantation in the benches when the plants are large enough. The plants from which the winter supply has been picked are apt to run to seed by about the beginning of April, so they can be dispensed with then and the supply procured from the younger stock or from the frames. It is short sighted policy to pick too closely at any one time. If the plants are hard cut back growth will be stunted and both quantity and quality considerably reduced.

W. S. Croydon.

VIOLETS.

Seasonable Notes.

Well, if the holiday season lately past is not a lesson to the violet grower, then I think he will never learn wisdom by experience, for, according to all reports, both as to the quantities picked and the prices received for same, the violet business is very greatly overdone, and one would well think twice (or three times) before increasing his glass devoted to violets, or starting to grow them, unless for his own trade, where the demand is assured and for which he now has to buy. The day is past when the grower should hold all he can for these special days. Far better is it to send in a rather

The Moore, Hentz & Nash Silver Cup.
(Presented to Joseph Rusicka, foreman for L. A. Noe, Madison, N. J., at Club Meeting January 13.)

heavy supply for a week or two previous, for, like this year, the price is likely to be better then than on the day itself. This, of course, has reference to the grower consigning to a wholesale market.

Have you been over your houses now since you finished your holiday picking, cleaning up all the old leaves, looking after the sow bugs, snails, aphis, etc.? If not, do not neglect it, as an ounce of prevention is worth a pound of cure. Look the borders over carefully, pull out and burn any questionable plants, any that are not right healthy and that did not yield a good crop of flowers for the holidays, as you do not wish to propagate from any such plants. If you fail to do this now they will soon be starting with their spring growth, and the first thing you know, when you go to making cuttings, you may not be able to tell these poor plants from the others; in fact, they frequently make the larger growth and the greater quantity of cuttings.

It will soon be time to take cuttings, and here, again, if you wish nice healthy stock, do not make the mistake of thinking any old sand will do for this that you have used for the past year or so. Have nice, fresh, clean sand that has never before been used and is not full of germs and a good propagating place for disease.

Keep your temperature as nearly even as is possible. Of course it takes a little extra care this season, when the thermometer outdoors goes from 22 degrees below zero to 32 above in perhaps twenty-four hours' time, but this is one of the violet grower's pleasant experiences.

While we are having no bright, clear days as yet, still we should have them before long, and then you will find that the watering may be done a little oftener, also a little more heavily, as a good bright sun will use up water fast, especially when the ventilators are open. To keep your violets of good size and good color watch your ventilators and heating pipes closely, for if you do not and let the stock get too warm you will soon run the plants out and get off crop, lose color and stem, etc., and of course you wish to hold till Easter is over, when you have no further use for them.

R. E. Shuphelt.

MADISON, N. J.

The annual smoker of the Morris County Gardeners' and Florists' Society was held on Wednesday evening, January 13, and passed off with the usual great success. A short business session was first held, when the newly elected officers took their stations, as follows: President, Wm. McMillan; vice-president, M. McNulty; treasurer, Wm. Charlton; secretary, Samuel Redstone. The report of the treasurer showed that all bills were paid and that a balance of over $500 remains in the treasury, an encouraging condition of finance compared with many societies operating in a larger circle. During the business session Mr. Herrington presented the silver cup of Messrs. Moore, Hentz & Nash to the fortunate winner, J. F. Rusicka. In explanation of this award it should be stated that for several years the firm above mentioned has made it its business to award silver medals to the actual growers of the first prize exhibits of roses and chrysanthemums at the annual exhibition. This is, so far as I know, the only prize in the country that is given solely as an encouragement to the "man behind the gun," and Messrs. Moore, Hentz & Nash deserve the praise that is so frequently given them for this kindly action. This year Mr. Rusicka was fortunate enough to win three out of the four medals, and consequently it was decided to buy him a silver cup suitably engraved as a fitting memento of the occasion. The other medal, for the chrysanthemums, was won by Samuel Redstone, the genial secretary, who also won it last year. Mr. Herrington also made a presentation to J. Austin Shaw, the representative of the Review, which on investigation proved to be an immense bunch of celery. Thereby hangs a tale, but as Kipling remarks, "that's another story."

The evening was wretched and the out-of-town attendance, as might be expected, rather slim on that account, but those who did attend were well repaid. The claret punch, for which this club is famous, was in evidence, brewed by A. Herrington and C. H. Totty, and rumor has it that some of the boys are not yet down to normal conditions.

The entertainers were fine and the only thing to be regretted was the fact that Mr. Duckham, always a shining light at this event, was on this occasion confined to his bed with sickness.

B. B.

FUNERAL BUNCH OF CALLAS.

The accompanying engraving is from a photograph of a funeral bunch of callas arranged with their own foliage. In addition to the open flowers a number of buds were used, and these added materially to the beauty of the arrangement, though they do not show very plainly in the photograph. Callas are generally considered very difficult to arrange gracefully, but this difficulty can be overcome by the use of buds and foliage. And there is no foliage—coarse though it be—that will combine so effectively with these flowers as that with which they are associated on the plant. The foliage of the calla lasts quite as well as the flowers if the stems have been stood in water for a few hours previous to using.

In response to a discriminating demand on the part of the public foliage is being more and more freely used in floral combinations as well as in decorations, and the wise florist will provide a supply of suitable material, and will not confine himself to ferns, smilax and asparagus.

A Funeral Bunch of Callas With Their Own Foliage.

CHRYSANTHEMUM SOCIETY.

The Massachusetts Horticultural Society has invited the Chrysanthemum Society of America to hold its next annual convention and exhibition in Horticultural Hall, in Boston, November 3 to 6, 1904, in conjunction with the annual exhibition of that society. This invitation has been unanimously accepted by the executive board of the Chrysanthemum Society.

An invitation was also received from the American Institute to repeat the success of last fall, in New York, and although the officers and executive committee fully appreciate the kindness of the American Institute in extending this invitation, they feel that it will be for the good of the society to change the location every year, if possible.

We are expecting next November the greatest show ever held, and every effort will be put forth to accomplish this result. FRED H. LEMON, Sec'y.

THE USE OF CYANIDE.

In an article on the use of hydrocyanic acid gas for fumigating, W. S. gives, page 318, issue for January 7, the following formula and directions:

1 quart sulphuric acid.
1 quart water.
5 ounces cyanide of potassium.

Mix the acid and water in a two-gallon butter jar. When your jars are all in place walk along and drop in the five-ounce parcels of cyanide. Don't linger over the jar, because the fumes are not healthy for anything that has lungs. The above quantities are for 2,000 cubic feet of air space in the house. Keep the house closed all night.

Commenting on this Albert F. Woods, pathologist of the U. S. Department of Agriculture, writes:

In houses with not more than two paths or where not more than two or three sets of jars, two or three in each set, are required, it is possible to put the cyanide in the jars in the manner described. The dose for each jar should be carefully wrapped, however, in two thicknesses of ordinary newspaper, or may be put in a small paper sack. It takes the acid about half a minute to eat through the paper and attack the potassium cyanide. If one operator works on each line of jars and they will start at the same end of the house and come out at the other end this method may be safely used.

There seems to be an implication in the statement of W. S. that he is not much afraid of this gas. He says: "There seems to be a dread of this gas with many people, and on the part of some whose opinion and experience I am bound to respect." The dread of the gas exhibited by all people who know its qualities is well justified. It is perhaps the most poisonous gas known and causes death almost as quickly as electrocution. It is quite true that the inhalation of a very small quantity of it may do no serious harm, but, like all other poisons, it must be used with the greatest caution, and carelessness on the part of an operator is not justified. It is perfectly safe to use the gas if the proper precautions are followed, but no laxity in observing the strictest precautions should be allowed. I do not mean by this that it is not safe to drop cyanide into the jars by hand if the cyanide is carefully wrapped and if the operators all start at one end of the house and work toward the other, care being taken that no operator is cut off by dropping the cyanide into a jar between the operater and the exit. Of course, it might be possible in such case for the operator to hold his breath and get out, but if he did not think to hold his breath he would probably draw his last one very quickly.

Five ounces of cyanide of potassium to 2,000 cubic feet is about half the strength usually recommended for double violets, but we do not recommend leaving the gas in the house for longer than thirty minutes. Of course a weaker dose may be left in longer without serious injury if the house is not very tight, but there is always danger of a certain amount of moisture collecting on the leaves of plants as the temperature falls, and any moisture forming on the foliage of any plant exposed to this gas will cause the portion of the leaf having the moisture on it to be injured. The field of use for hydrocyanic acid gas in greenhouse fumigation has been barely opened and it is such tests as W. S. has been making which gradually widen its useful-

ness. We have been conservative in the recommendation of this gas except under conditions and for crops where we feel that its usefulness has been amply demonstrated, and where used according to directions there is no danger of serious injury to the crop.

TROUBLE WITH VALLEY.

When you told how to handle valley pips as they are imported, you said that if they were dry to dip them in water and then pack in sand or moss. Now I had 12,000 valley pips that I packed without dipping and they are all right. But I had 5,000 come two weeks later and, as I thought they were a little dry, I dipped them and every one of them rot when they are brought in. Can you tell me the cause? Would they be any better to let them go till spring and then use them? J. J. L.

There must be some other cause than the dipping to account for all these pips rotting. As it was this pen that recommended the dipping, I did not intend to imply a soaking; just dipped a moment to wet the roots before packing away in soil if they were dry, and if that is all that was done it is impossible that it could in the least injure the pips. If not protected from rains and a wet, rainy time occurs, the pips are often injured. The lily of the valley is one of the hardiest of all the beautiful flowers we force, yet if exposed to a sudden severe freeze and then a quick thaw, they will be greatly injured, as many hardy plants will be.

If they are soft and rot when brought in, it is not likely they will improve with age, but as they are not taking up valuable space leave them for April forcing.

We have been receiving weekly, all summer a few hundred valley pips from an eastern firm. Scarcely one per cent failed to give us a fine spike. It was a most satisfactory arrangement. About December 1 we received 1,000 for our Christmas batch and on unpacking them we found the pips about of the consistency that a Teutonic epicure likes his Limburger cheese. The cause we do not know. The stock was not hurt in transit. Perhaps the cold storage house was let down suddenly to a very low temperature, but more likely the accident occurred during the time after they left the cold room and before they were packed. W. S.

THE READERS' CORNER.

Art in Floral Designing.

Editor Review: In the columns of your really inspiring paper I have read with pleasure the masterly articles of Miss Gertrude Blair. Without doubt we who "make up" flowers for a living, dull the keen edge of our artistic perception in studying the individual desires of our patrons, but is this not one of the most essential features of "floral designing"? For if we are not successful in this, will we be successful in any way long? Most of us, in all probability after dinner, or in the cafe chantant, like to allow our imagination to fashion misty sprays and garlands as the smoke floats upward, but behind our counters in the morning when our pipe is out we will find ourselves at the same metaphysical study of what our patron imagines she wants, and how much we can safely make her pay for it; and if she is German and an old flower buyer we will probably not forget to put on lots of tin foil and make it about as we did ten years ago. Alfred Donaghue, Jr.

Greenhouse Heating.

In your issue of December 24 appears an article by William Scott on hot water heating and in it Mr. Scott raises several points that are at variance with the ideas held by your humble servant, and I should feel much obliged if Mr. Scott would go further into the matter with me.

In the first place he seems to maintain that the only power which induces circulation in the system is that of gravitation in the returns. How about the water becoming lighter under the influence of heat and thus rising to the highest point? Surely this is as important a factor as the gravitation back to the boiler. And yet he seems to take some account of this force, for, in speaking of the uphill system, he mentions that the water being cooler at ninety feet from the boiler, presses back on the lighter water, thus impeding circulation.

And now to the point that causes me to rush madly in where angels fear to tread. This perpendicular drop. A column of water thirty feet high and one inch square weighs about fourteen pounds. If the column be perpendicular the pressure indicated is as given. The same pressure will be shown if the column be placed at any angle so long as the thirty feet head is maintained, although the volume of water may be increased manifold. For purposes of argument we will eliminate friction. This primary law of hydrostatics is illustrated in hydraulic mining. Water is brought miles in pipes usually at a very small grade, but the pressure is there just the same. This being so, how can a perpendicular drop in the return close to the boiler be any better than a gradual fall from the highest point? And how can the back pressure that Mr. Scott mentions as existing in the uphill system, when a rise of two feet to the 100 is maintained, be less than when a rise is straight up from the boiler and then only two inches to the 100 feet used in the pipe run? The same elevation is attained in both cases and therefore the same pressure exists. The route that Mr. Scott recommends in the longer course for the water to travel and consequently it will be cooler. It must be distinctly understood that these remarks of mine apply solely to circulation and must not be confounded with arrangement of pipes for economic heating.

The over-head flow that Mr. Scott so summarily dismisses is in my opinion not always to be foregone. Of course a great portion of the heat radiated from it is wasted, but if you happen to have a system in which the circulation is poor you can often remedy the evil by arranging an overhead flow. Lowering the boiler would be better, but the expense would be greatly in favor of the overhead flow.

Twenty-five years ago my first boss advised me to study heating. "My boy," said he, "fortunes are made and lost in the stoke-hole." Since then I have had to do with many systems, some good, some bad, some fearfully and wonderfully constructed. I once handled a boiler which from a 2-inch delivery fed four 4-inch flows, and the water in the same number of returns came back to the boiler through a 2-foot length of 2-inch pipe. The result can be imagined. In my experience, provided you have a good rise, a sufficient capacity in the main flow and return and a boiler of ample power, it matters little which method you adopt, uphill, downhill or level. Edw. Alex. Wallace.

ORANGE, N. J.

At Orange on Friday evening the yearly banquet brought together a large number of the members of the New Jersey Floricultural Society. Visitors were not numerous, apart from Messrs. McMillan, Totty and Redstone, of Madison, and the writer. Letters of regret were read from Messrs. O'Mara, Herrington and Leonard Barron. A fine floral exhibit graced the banquet table. Vases of magnificent carnations were contributed by President George Smith, John Hays, Malcolm Macrorie, Peter Duff and Mr. Kindsgrab, also a fine dendrobium by W. A. Manda and a vase of euphorbia.

At the regular meeting the certificates were distributed to the successful competitors of the year, and further competitions for cups and medals were announced open during 1904 to members of any horticultural society. Jos. Davis was entrusted with the installation of the new officers and did the work gracefully. The popular George Smith was re-elected president, a well won honor; Mr. Kindsgrab, vice-president; Mr. Benuett, secretary, and Malcolm Macrorie, as usual, treasurer. The society is nearing the 100 mark in membership, and ought to reach it in 1904. The four generous associate members of the society will present silver cups, as in 1903, for general competition.

After the banquet speeches and songs continued until the wee sma' hours. When I left, Peter Duff had just finished a melody and John Hays' silver tongue was warbling something about the memories of other days. The opening address by President Smith was a revelation, full of eloquence, poetry and paternal advice, in which he characterized gardening as "the middle ground between God and man, the playground of the soul, the nearest profession to the divine."

Dr. Kitchen was in a story-telling mood and kept the company in a roar throughout his interesting response, as he toasted the press, the pulpit and the petticoats.

Mr. McMillan responded to the toast of the Morris County Society, of which he is president, and was ably seconded by Mr. Totty and Mr. Redstone, of the same society. Mr. Totty discoursed eloquently on the value of co-operation.

W. A. Manda gave one of his practical and advisory addresses and Mr. Davis spoke very entertainingly. Mr. Campbell and Robert McCarty, ex-president, spoke briefly, and the songs of Messrs. Duff and Hays were still ringing in my ears as the whistle of "the last train" sounded the close of a very pleasant evening to the lone New York press representative. J. Austin Shaw.

Syracuse, N. Y.—A petition in involuntary bankruptcy has been filed against Henry Morris, and Charles A. King named as receiver. No schedule of assets and liabilities has been given out.

NEW YORK.

The Market.

The market seems to have steadied at the quotations given last week and the bottom doubtless has been seen for the winter season. From now until Lent there should be a gradual improvement, and there is little danger of the utterly abnormal conditions that have prevailed since the New Year. It has been Lent for the growers and wholesalers for more than forty days. While the rest of the world is in mourning for their sins let us hope the florists may rejoice. They certainly deserve to and their sins have surely been atoned for.

On Saturday there was a tendency to improve in the special Beauty market. As high as 35 cents was reached by a few of them, though many were cleared out at 25 cents. Lower grades remained quiet, and the short stems were having a hard time of it, and many were unsalable. Bridesmaids hold their own always, good ones, and are the first to feel the upward movement. The best stock found a ready sale at a higher price as the week closed, and the present week with its balls, its notable weddings and its society show in the automobile line should be about the best of the new year to date.

Fine Liberties have held quite as high a value as Beauties lately. The carnation market has been in the dumps in more ways than one. The "dump" has engulfed thousands of the common ones, while the fancy and novelty grades have lost about half their prestige. Even orchids have been too plentiful for the demand and prices have fallen. Tulips, narcissi and hyacinths are abundant, sweet peas also and mignonette. The latter is this season more abundant and worth less than ever before. Violets are swayed by the ebb and flow of demand. In supply there is always an abundance; in quality they are unsurpassed. But the prices are a nightmare and many boxes that go down the line come back unopened. It's a good thing "hope springs eternal in the human breast."

Various Items.

The Young Arion ball last Friday evening was decorated from basement to roof by Hanft Bros., and in addition to azaleas, lilacs, poinsettias and other flowering plants, immense quantities of laurel, hemlock and needle pines were used and twenty cases of wild smilax.

The severe weather continues to add to its victims. William Duckham, of Madison, has been very ill with an abscess of the ear.

J. W. Bebus, of Wm. Elliott & Sons, has just recovered from a ten days' siege with grippe.

John N. May, of Summit, has been confined to the house for a month and convalesces slowly.

W. J. Elliott leaves next week for his annual trip to Bermuda.

Arthur Herrington, president of the Chrysanthemum Society, sails on the Lucania next Saturday for England, mingling business with pleasure.

Weeber & Don report particularly gratifying results from their catalogue and all the wholesale houses have disseminated handsomer catalogues than usual this year in evident anticipation of a continuance of the good times of 1903.

There is a rumor concerning the contemplated plunge of a well-known bachelor into the seething sea of matrimony; a seedsman who has long held out against the attractiveness of the gentler sex.

Too much gas has caused a severe loss in the greenhouses of Geo. M. Stumpp, the Fifth avenue florist.

The slim attendance at the Flatbush alleys on Thursday is partially accounted for by the western trip of Paul Dailledouze among the western carnationists and the fatherly solicitude of Carl Woerner, whose wife presented him with another florist, the boy being his first born and none of Carl's hats large enough to venture out in the freezing weather. Wm. Fogarty also has had a visit from the stork. This also was a boy.

Our old friend James Dean maintains his place in the estimation of his neighbors, having just been honored with the presidency of the Freeport, L. I., Club for the third consecutive year.

Lewis Collins, secretary of the former Brooklyn Tree Planting Society, died Saturday, January 9, aged 71.

The next meeting of the Horticultural Society of New York at the American Institute, will be held the second Wednesday in February, and will be devoted to the subject "Orchids," and by a unanimous vote it was decided to try the holding of meetings in the evenings instead of the afternoons with a view to an enlarged attendance. At the January meeting, the president had on exhibition superb samples of cucumbers, cauliflower, tomatoes, radishes and watercress. The day was stormy and disagreeable and the attendance light, but the program was very interesting and instructive. Henry A. Siebrecht discoursed on ornamental trees, shrubs and plants, giving a practical lecture involving every variety of desirable tree and shrub utilized in American horticulture. T. Withers followed in an interesting address on "Our Native Trees in Landscape," evidencing a thorough, practical knowledge of his subject.

The "smoker" at Madison last Wednesday evening was well attended. Its details will doubtless be covered by your regular correspondent. The vaudeville entertainment was excellent. The chicken, celery and punch of 1904 "vintage," and the formal meeting of the society showed a most prosperous condition of affairs. The presentation of the Moore, Hentz & Nash silver cup to J. F. Rusicka, rose grower for L. A. Noe, of Madison, was a pleasing feature.

Slinn & Hughes report a growing demand for Amaze, Jerome Suydam's fine red carnation, which they say has brought $5 per 100 during the season. Mr. Slinn spent last Sunday with the violet growers of Rhinebeck.

Bonnot Bros., of the Exchange, are handling daily some very fine Golden Gates, which rose is a specialty with them.

Jos. Millang, the Beauty king, says American Beauties will not touch lower prices again this season and that a better business from now on in all lines is confidently anticipated. Joseph and Frank Millang had an all-night fire fight Sunday evening at Bayside, where they reside, and are prominent members of the fire department. Joe says he carried a piano out himself, but rumor says it was the pianist that he saved.

Mr. Kreshover says he is handling an average of 150 cases of wild smilax weekly, and that the demand for all kinds of decorative green goods is quite up to last season.

At the next meeting of the New York Florists' Club, February 8, it has been decided by the executive committee to hold a carnation exhibition, to which an invitation to all carnation growers is cordially extended. The ladies also are invited and a most interesting evening is confidently anticipated. The outing committee met at President Traendly's office on Monday evening and Chas. Schenck was appointed treasurer and Mr. Shaw, secretary. Mr. Elliott, the chairman, was directed to engage the boat and grove utilized last year for the most desirable day possibly the last week in June.

A splendid attendance and much enthusiasm materialized at the first meeting of the New York Bowling Club, Monday evening at the new alleys, Twenty-third street and Tenth avenue. Captain Young has called a meeting for 7:30 sharp next week Monady, when officers will be appointed and all arrangements as to prizes, match games and other interesting features will be then consummated. The bowlers were a little nervous, as the appended records indicate. Another week of practice and there will be a different story. Here are the best games of each participant:

Lang	158	169	184	169
Elliott	109	129	144	157
Craw	130	94	68	...
Haffner	122	177	141	175
Siebrecht	191	158	145	123
Traendly	134	136	141	...
Gibbs	137	158	150	145
Shaw	140	121	108	122
Nugent	70	68	76	84
Wallace	112	106	...	...
Butterfield	155	140	...	...
Young	139	...	...	...
Ford	126	...	...	...

Thirteen members, altogether, a lucky number. The alleys are very satisfactory. A spirit of fraternity and good will was prevalent and it was midnight before the last of the enthusiasts departed. Sister clubs will be heartily welcomed and every effort made to have the weekly meeting helpful and harmonious. A larger attendance next Monday is requested. At least twenty regulars are expected and there is ample accommodation for all. J. AUSTIN SHAW.

CHICAGO.

The Market.

Trade has pursued the even tenor of its way this week, with few features out of the common. Beginning last Saturday there was a little stiffening in values, but not enough to count for much. Beauties are not so plentiful as a few weeks ago and quality has deteriorated, particularly in the shorter lengths. Tea roses are now pretty well off crop and good stock commands ready sale at fair prices, but most of it goes out on shipping orders, for local business is still very quiet. There are plenty of carnations but the market is in better shape than a week ago, when average returns to the growers were the lowest in a long time. But still very good stock is to be had at $20 per 1000. White sells best. Violets have not benefited by the slight improvement which has taken place, even though receipts are reduced. Some of the eastern growers who found this market profitable around Christmas have stopped shipping, but this does not seem to help the sale of the locally grown Campbells, for after a taste of high life in the form

of good Marie Louise the buyers will not be content with the pale variety; but for that matter there are still plenty of the eastern violets about.

Bulb stock is sharing the depression in the violet market. The overstock of Paper Whites continues and there are tales of some very low sales in quantity, sales at prices which will not repay the cost of the bulbs. Romans do a little better. Daffodils sell fairly well, but tulips do not seem to take hold. Not many callas are coming in and they generally sell well. Easter lilies are seen in most of the houses, but in most cases the quality is poor and the sale slow. Freesias are in.

There is a good sale for green goods; nearly every shipping order calls for something in this line. Sprays of Asparagus plumosus seem to be the most popular item, but strings are also going well. Ferns are up to $2.50 per 1000.

Club Meeting.

On Saturday evening the Chicago Florists' Club went proselyting to Rose Hill. It was the first of the series of meetings planned for the several sections of the city and was successful in all its features. The attendance was very large and a considerable number of new names were added to the membership roll. Paul Dailledouze, of Flatbush, N. Y., was a visitor and gave the club the benefit of what he has seen in his trips among the growers. As there are few better posted men in the trade, what he said of the new carnations should make the evening a very profitable one for many a grower present.

Meetings of similar character will shortly be held on the south side, at the Drexel cafe, Thirty-ninth and Cottage Grove avenue; on the northwest side, at Metropolitan hall, 856 North California avenue, and on the west side, dates to be announced later. The club held its regular meeting last night at Handel hall. It was the first allied trades meeting and pipe, fittings, valves, glass, paints and putty were named for discussion.

Various Notes.

Frank Garland will vacate his present stand May 1. He has not yet decided whether to go up stairs in the same building or to rent a couple of tables across the street.

The rooted cutting specialists say trade is opening rather slow. The novelties are selling well, but it is reported there is no rush for the varieties out of the same seed pod as Enchantress.

The craft regrets to hear of the death of Hugh McMichael, of Wilmette, which occurred last week, after a brief illness with pneumonia. He was in the prime of life and a good grower. For a time he was foreman for Paul Kreismann at the Morton Grove Greenhouses and went from there to Weiland & Risch, where he was foreman until he secured the Nicholas Miller place of about 12,000 feet of glass at Wilmette, buying the stock and making a very favorable lease on the houses. He was doing well. Interment was at Rose Hill on Sunday. Mrs. McMichael will not undertake to continue the business longer than is necessary to find a purchaser for the stock and lease.

J. A. Budlong is confined to his bed, having a tough time with rheumatism. It seems strange that one as vigorous as he should be laid up with this disease.

E. F. Winterson is getting in some fine blooms of W. N. Rudd's Phyllis carnation and says his out of town buyers prefer it to Enchantress as it is a much better traveler.

L. Coatsworth says coal is going down. On Tuesday he bought five cars at 55 cents a ton less than he paid for the same grade last August.

A. L. Randall has been having a bad time this week with neuralgia in his jaws.

Mrs. A. L. Vaughan and little daughter expect to leave in a few days for a visit with relatives at Collinston, La.

O. P. Bassett and Mrs. Bassett are at Hotel La Pintoresca, Pasadena, Cal.

Some of the Greek sidewalk merchants some time since applied for an injunction restraining the city from interfering with them in the conduct of their business on the streets. On January 14 the Appellate court affirmed the Circuit court decree upholding the city's authority.

ST. LOUIS.

The Market.

The florists' trade has now entered upon the regular social season, but from the reports of the different retailers the season will not be a lively one, as the orders booked ahead are not for the usual elaborate affairs of a year ago. This kind of work should be quite plentiful from now until Lent sets in.

The cut flower trade during the past week showed very little improvement. Transient trade is very quiet, but funeral work seems plentiful and white are about the only flowers in demand at the wholesale houses. The weather is still fine with us, with plenty of sunshine to make cut flowers of all kinds plentiful. Violets and carnations especially have suffered by the slow demand. Roses are not over-plentiful, especially white. Plenty of Bridesmaids are to be had. Good long Beauties are very scarce in this market, but we are fairly well supplied with short stock. Small Meteor and Liberty are also plentiful.

Bulb stock is still over-crowding the market, Romans and Paper Whites. Valley, too, is moving slowly. Callas are more plentiful, with Harrisii lilies still absent. Tulips and freesias are coming along slowly. Shipping trade in cut flowers is slow at the wholesale houses, but supplies and wire work are in good demand.

Florists' Club Meeting.

The Florists' Club held another of those large and enthusiastic meetings last Thursday afternooon, in the Odd Fellows' building. The large attendance was attracted by the exhibition of new carnations, essays and other important matters.

The Chicago Carnation Co., of Joliet, Ill., staged a large and beautiful vase of their new scarlet carnation, Crusader, which attracted a great deal of attention. F. M. Ellis showed a number of varieties from Thompson, of Joliet. C. A. Kuehn staged a large vase of Indianapolis from Baur & Smith. These received a great deal of attention from the carnation growers present.

The meeting opened at 2 p. m. with all of the officers present except Vice-president Winter, who was in Chicago at the time. Three applications for membership were received. They were from Hugo Gross and John R. Steinicke, of Kirkwood, and E. Rotenhoefer, of St. Louis. Two members were elected to membership, F. W. Bruenig and Henry Felter. With these the membership is now seventy and only thirty more are needed to make up the hundred. F. C. Weber was elected a trustee. The trustees were instructed to prepare an entertainment next month for the members and their families. Messrs. Ammann, Fillmore and Koenig were appointed a committee to draw up resolutions on the death of Mrs. Herzog.

Walter Gilles, of the Missouri Botanical Garden, read an essay on ferns, which was well received by the members and was given a vote of thanks. The discussion on propagating roses, lead by F. J. Fillmore, was very interesting. Those who participated in the discussion were Messrs. Ammann, Dunford and Guy, who did not agree with Mr. Fillmore in using blooming wood for cuttings, holding out for the blind wood.

The president appointed Messrs. Steidle, Ude and Dunford to make a report on the carnations on exhibition, which was as follows: Adonis, very fine red; Harry Fenn, improvement on Roosevelt; Enchantress, very fine; Nelson Fisher, good carnation, better stem than Mrs. Lawson; Gov. Wolcott, best white seen; Hanna Hobart, good, large flowers, weak stem; Crusader, very fine blooms, with long stems; Indianapolis, very fine pink, large flowers with good, long stems.

The next meeting of the club, February 11, will be our annual carnation meeting. Prizes of $5, $3 and $2 are offered for the best vases of carnations, competition open only to local growers. Growers of new carnations are requested to make exhibits for the benefit of our carnation growers. At this meeting F. J. Fillmore will read an essay on "Carnation Growing," and E. W. Guy, of Belleville, will lead a discussion on propagating carnations.

Various Notes.

W. S. Lemar, late keeper of Forest park, one of the best men for a place of that kind, is now head of the landscape department at the World's Fair grounds.

Henry Johann, of Collinsville; J. F. Ammann, of Edwardsville; E. W. Guy and A. G. Fehr, of Belleville, Ill.; A. Jablonsky, of Wellston, Mo.; J. W. Dunford, of Clayton; John Steidle, of Central; W. J. Pilcher and F. W. Ude, Jr., of Kirkwood, were the out-of-town members who attended the club meeting last Thursday afternoon.

The Music Hall, Coliseum and east nave in the Exposition building have been engaged by the committee in which to hold the next meeting and trade exhibition of the Society of American Florists, August 16 to 19, 1904, subject to the approval of the executive committee, which meets here in March. The committee which will have charge of entertaining the executive committee is hard at work perfecting arrangements.

A committee composed of F. C. Weber, Otto Koenig, F. J. Ammann, Fred Meinhardt, Theo. Miller, Emil Schray and J. J. Beneke will meet this week Thursday at Mr. Weber's store to confer with J. H. Hadkinson, superintendent of floriculture, World's Fair, in regard to flower shows to be held at the fair

grounds during the season, similar to those held during the Pan-American at Buffalo.

The Riessen Floral Company is making a fine show in the Broadway store windows. The company reports plenty of funeral work since the holidays.

J. W. Dunford, of the St. Louis Carnation Co., reports that they are having great success with their sale of rooted cuttings.

The Ellison Floral Co., at Grand and Olive streets, has very attractive windows in the new quarters and is making splendid displays for the public.

C. Young & Sons Co. is making preparations for the spring seed trade. They do a large shipping business in plants, seeds and bulbs during the season.

John W. Kunz, formerly in the retail business here, but now in the employ of Uncle Sam, has a team of bowlers composed of letter carriers and has sent a challenge to the florist bowlers for a match game to be played the latter part of this month, three games to be rolled on the florists' alleys and three on the postoffice alleys. These games promise to be very exciting.

Visitors:—Charles F. Meyer, New York; W. J. Hussey, Dayton, O.; J. B. O'Neil, Chicago.

Bowling.

The two teams got at each other again Monday night, this time team No. 2 winning two out of three games played, by close scores. Carl Beyer and A. Y. Ellison being absent, Fred Meinhardt made the highest single score, 221. Following is the complete score:

Team No. 1.	1st.	2d.	3d.	T'l.
J. J. Beneke	157	180	183	520
Theo Miller	146	139	142	427
F. C. Weber	136	173	169	478
F. M. Ellis	130	138	113	381
O. R. Beneke	147	168	141	456
Total	717	798	748	2262
Team No. 2.	1st.	2d.	3d.	T'l.
C. A. Kuehn	155	183	182	520
W. Adels	191	142	162	495
F. H. Meinhardt	116	161	221	498
John Young	128	116	131	375
Fred Weber	130	132	125	387
Total	720	734	821	2275

The clubs will, on next Monday night, bowl on Fred Worden's new alleys, corner Nineteenth and Market streets, and continue until further notice.

J. J. B.

BUFFALO.

State of Trade.

Old Zero and business go along steadily with Old Zero in the lead. This cold weather horse got the start at the drop of the flag on November 17, led to the first turn and up the back stretch and is now going good near the rail. At the half it has several lengths the best of it under a strong pull. Perhaps when rounding the upper turn the track will improve and give Business and other heavily weighted horses a chance and, as the home stretch will not be reached till spring, we hope Easter Morn, Happy Nuptials, Glad Tidings, Baby Mine and others will beat Old Zero for the money as well as place and show. Old Zero has been in training now so long and so constantly raced that we look for an early break-down and when they go under the wire my prophetic vision allows me to see the end of the race as follows: Fond Anticipation, first, by a nose; Industry, second, only beating out Coal Bill by half a length. The winner is owned by Mr. Vernon Optimist and is by Credit, dam Independence; second dam, Good Intentions. The latter good mare was brought over on the Mayflower in the seventeenth century, year not certain. Icicle, Snowdrift, Cold Chills, Light Draft, Frost, Freeze, Slush Ice, Glacier, North Pole and Polar Bear also ran. The winner was ridden by the famous jockey, Snowden, who won the English Derby on Blair Athol in 1864. The great horse Frost ran a most consistent race, being fourth. He is by Gompers, dam Strike, by Loafer, and has been running with great prominence on the Chicago tracks, but is expected to increase his speed at St. Louis the coming summer. And now, virtuous reader, if you want a key to this allegory write to John Thorpe, Phil Hauswirth or W. F. Kasting.

We think business has slightly recovered from the slumber that overtook it after New Year's and, as the sun shines brighter, all feel alike a little brighter. There is no lack of flowers of any kind. A recent call at the emporium of W. F. Kasting showed us flowers in abundance, still none going to waste. Some very fine Bride and Bridesmaid roses from Brant Bros., of Utica, were conspicuous for quality in every respect. Daffodils and tulips are now plentiful and violets also and in good demand.

Various Items.

How a city grows! Unless you take a trip to the rural districts how little you know of the source of the immense supply of plants that are sold in our markets, not only in the spring but throughout the year. Very recently on a visit to George Urban, at Pine Ridge, we had a chance to see several of these places. First let me say that this most versatile and brainy gentleman has three houses, the construction of which it would pay many a florist to inspect. Hollow brick for walls, with weather boards on the outside. Benches of tiles lying on iron pipes. Supports of benches 4-inch tiles. Edges of benches a mixture of coal ashes, sand and cement. Iron gutters, in fact, nothing to decay or be replaced in the visible future and the contents as thriving as the structures are substantial. It's strange to hear a man who drives a trotter on the snow in 2:08, manufactures 1,000 barrels of flour every day, attends to a dozen banking and large industrial interests and consorts with the leading spirits of the state on state and national affairs, yet can discuss with the keenest judgment the relative merits of Mrs. Nelson, Cressbrook, Boston Market, Gov. Wolcott and all the rest. He has also got hot water heating down to an exact science and by having more pipe and boiler capacity than he needs in the coldest weather his outlay of fuel is about one-half that of the average commercial florist.

Schwerdt & Berner's place is in the town of Checktowaga and is a beehive of industry. They have been very successful and deserve to be, for they are workers. Boston ferns, azaleas, lilies and a general Easter stock was most in evidence, and then most quietly occupying not much space just now are 20,000 geraniums. They had killed a hog the day before, so we had cider and sausage galore, but neither is necessary to keep up the perennial vivacity of the energetic Schwerdt.

Next we went to Bauman Bros., at Pine Ridge, who have their five up-to-date houses filled with current and prospective crops. This is another firm that does most of their work without expensive help and pays 100 cents on the dollar.

And then we went to the old Rapin place, surrounded by a dozen cemeteries. Cities of the dead that hold the dust of the faithful, also the Jew, the Gentile, the skeptic and up-to-date German philosopher who was a materialist in his prime, but as the sunset of life cast shadows over his intellect realized that there was something "beyond." The Rapin Greenhouses are rented by Messrs. Collins & Forbach. Mr. Rapin ran this place for years on a sort of a go-as-you-please system, but now that "Conny" is boss a change has come over the scene and Mr. Conny F. has done marvels under most unfavorable circumstances and has made more out of the houses than I thought was possible. If you want to see a man who is everlastingly good tempered, then an interview with Mr. Forbach will cure you of the blues, but who would not be perpetually happy with such a sweet, pretty, little wife as Mr. F. calls his own. W. S.

THE ROSE SOCIETY.

ED. REVIEW:—As the time for the annual show of the American Rose Society, in Philadelphia, approaches, I am compelled to ask, through your columns, of the rose growers of this country: "What are you going to do to help the one flower that has been the foundation of your fortunes?" Are you going to trust to the efforts of others to do that which you should do yourselves? Do you expect others to do all the work and you reap whatever benefit may accrue? If you feel that way, and think that it will eventuate anything, why, go ahead and, when too late, find what a small hole you will have to crawl out of when asked why the rose society died. Are you any less interested in the rose than carnation men are in the carnation? Do you think that the rose will take care of itself better than the carnation can? Do you think that because it is older it can stand neglect better? Is this a good way, as business men, to advertise your wares? Is it that you think there will be none who need education on the rose subject? Or do you think that they will find others outside of our business who will prove efficient teachers? Can you afford this indifference? Can you sit down and let others pass you in the race? Brother rose growers, think of these questions; see if you are doing your business justice. And I trust you will make up your mind to exhibit at this show and by being present, aid the society and show others that you are sufficiently interested to devote a little time and some money in the cause of the rose.

BENJAMIN DORRANCE.

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

DOYLESTOWN, PA.—Warren B. Madison, professor of horticulture at the National Farm School, has accepted the position of horticulturist in the new department of agriculture at the Mount Hermon School, Mount Hermon, Mass., to which place he will remove about February 15.

DENVER, COLO.

The Market.

The holiday season, with all its trials, is past and the business man has a chance to realize where he is at and what he has accomplished, or in other words to learn where he has been successful as well as where he made mistakes and make notes therefrom for future reference. The perishable character of the cut flowers makes it necessary for the purchasing agent to be an expert in his line if he wants to clean up the bulk of his stock at the end of the day. He, as well as the man who produces the article, should know that which will be in greatest demand and best adapted to the market the coming season.

The brisk competition among the growers in the various departments of the profession has been the means of overstocking our limited market in certain lines, and since the holidays flowers have been placed on the market at prices detrimental to the business. A remedy to this evil should be considered by the growers as a protection to their interests in the future, as they certainly must be held responsible to a great extent for enabling the retailers to sell their products below their actual value. There is no reason for carnations dropping in midwinter from $1 per dozen to 35 cents in twenty-four hours. Such instances have a tendency to lessen the standard of the article and give the public the impression that the legitimate price was an imposition.

When the commission house was started here last fall we thought we had a remedy for this and other evils that spring up occasionally, but the commission house is gone for lack of support from the growers more than lack of finance or individual ability to carry it on. Many of the growers who in the past were the loudest in their demands for such an establishment were the least interested in its success and virtually gave it no support whatever. True, some had made contracts for their cuts and could not do otherwise, and others had a little shipping trade of their own, which they did not feel justified in relinquishing, but time will prove the necessity for a commission house in Denver, as it is generally conceded that the supply is far in excess of the needs of the city of Denver alone.

Various Notes.

Bulb stock has been coming in slowly and of inferior character, excepting longiflorum and valley. The former were very good at Christmas and successional crops are of the same quality. Glauber has been cutting the best valley, about as good as we get at any season.

Azaleas fill in a big gap at this season in the plant department and those turned out by the Colfax Avenue Floral Co. have been very good. Vervæneana and Mme. Van Hontte are exceptionally fine. The latter variety was in good shape for the holidays and although not a true red filled in a big gap and sold well. This variety is far preferable to Apollo in color and when properly handled not only sells well but lasts a long time in flower.

Lilies are likely to be a success this season. Very little if any disease is seen and I noticed the same conditions in this valuable flower at Colorado Springs on a recent trip to that city taken by a few bowling aspirants who went down there for a little recreation and got far more than they bargained for. But if fools will occasionally enter where wise men know enough to keep out, they must take their medicine without a murmur. One of the consolations connected with the trip is the hospitality of the fraternity in that beautiful city. The other consolation is that retaliation is sweet to some and a chance to get even is to be given in the near future.

The Scott Floral Co. has been busy since New Year's renovating the old store of the Park Floral Company, to which they moved on New Year's day. The light coloring used throughout the store shows off stock of all character to better advantage. Phil Scott and Ed Reynolds, who comprise the firm, are both old storemen and are pretty well acquainted with the trade here. Phil, although a scion of the Great Scott, may not be as great an expounder of the science of geology as is his progenitor, but is, I think, in the art of blending color in flowers and making a little go a long ways, well up to any other member of the Scott family. GREAT DIVIDE.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As foreman or to take charge of section, by an up-to-date grower of roses, carnations, mums and general line of bedding plants; age 35; single, with 20 years' experience; state wages and give full particulars. Address F. W., care Garden City Hotel, 46-50 Sherman St., Chicago.

SITUATION WANTED—By competent grower of cut flowers, pot plants; good propagator; hustler; 16 years' experience; age 32; references; around Chicago preferred. Address No. **31**, care Florists' Review, Chicago.

FOR SALE—Stock and favorable lease of an establishment of 12,000 feet of glass, carnations and bedding plants. Terms very reasonable, account death of owner. Call or address Mrs. H. McMichael, Wilmette, Ill.

WANTED—By March 1, a man (not a professional) that will be willing to work at any and all kinds of work about a greenhouse; single and sober; an American preferred; 35 to 40 years old; a steady place; $25 per month with board and room; references expected and given. Address W. J. Miller & Son, East Payson St., Pontiac, Ill.

FOR SALE—Commercial place of 11,000 feet of glass near New York; planted in roses and soft stuff; 8 acres of land, dwelling, barn, horse, wagon, etc.; in a No. 1 running order; price $9,000; $4,000 cash; possession at once. Address No. **34**, care Florists' Review, Chicago.

WANTED—A good all-round florist who can grow a general line of cut flowers and plants; German preferred; wages $35 per month room and board. Address Wm. Kutschbach, Houston, Texas.

SITUATION WANTED—By a good grower in general greenhouse stock, also designer; German, 34; single; 20 years' experience; sober, competent and reliable; please state wages. Address Florist, 1050 Milwaukee ave., 1st floor, Chicago.

FOR SALE—or for rent on long lease—a tract of about 4 acres of land in Rogers Park. This land is vacant, has been rented for truck gardening, and consists of heavy black loam, fronting on Murphy avenue, one block west of Clark street, 200 feet north of Rogers avenue. First-class location for greenhouses. Here is a bargain. Easy terms. No agents. Call or write to G. F. Kellner, owner. Office 309 Clybourn Ave.; residence 4291 N. Clark St., Chicago. Phone North 126.

WANTED—Working foreman in general retail florist line; 20,000 square feet of glass in city of 10,000, 40 miles from Chicago; must be capable to take full charge occasionally; satisfactory wages to right party. Address No. **33**, care Florists' Review, Chicago.

WANTED—An all-round man to take the place of second man for general greenhouse work; at once. Address D. E. Gorman, Williamsport, Pa.

SITUATION WANTED—By an energetic man; single; aged 28 years; as working foreman in cut flowers and plants; can furnish good recommendations in both lines. Address A. M., care F. R. Hills, Maywood, Ill.

SITUATION WANTED—As grower of carnations, mums and general line of pot plants; life experience in general routine floriculture; 36 years of age; married; good references; Southern states preferred. Address No. **29**, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, at 6c per foot; also some 4-in.; several small and medium-sized boilers, and quantity double thick glass at $2.75 per box. Address W. H. Salter, Rochester, N. Y.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

FOR SALE—Greenhouse, about 12,000 ft. glass; a first-class retail and wholesale place; will sell cheap if sold at once. Address W. H. Kreiter, Massillon, Ohio.

WANTED—A bright, honest boy for retail florist store, one who has had some experience preferred and is acquainted with the city and who wants a steady position; state age, salary and reference. Address No. **26**, care Florists' Review, Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. **28**, care Florists' Review, Chicago.

SITUATION WANTED—A competent American born man in all lines of greenhouse business would like a position where he could take charge and relieve proprietor that he might get out and hustle among the trade. Middle aged, no bad habits, refined, very industrious, references the best. Address No. **21**, care Florists' Review, Chicago.

SITUATION WANTED—By a single German, age 30. Life experience in greenhouse work, cut flowers and pot plants. Able to take entire charge or section man. Chicago preferred. Address No. **23**, care Florists' Review, Chicago.

FOR SALE—Range of modern greenhouses, 10,000 feet, in city of 15,000; have other business 500 miles from this location; will sell at about half cost; two-thirds of purchase price can have 5 years' time on, or any terms to suit purchaser. Good 7-room house. The bare land would sell for half the price asked. For full particulars address No. **24**, care Florists' Review, Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00; 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3¼c; ¾-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, paints. Metropolitan Material Co., 1565 Flushing ave., Brooklyn, N. Y.

WANTED.

Wanted by an eastern seed house, **Stock Clerk** for vegetable seeds. Address **No. 27**, care Florists' Review, Chicago.

POSITION WANTED

By a reliable grower of roses, carnations and bedding stock; 17 years' growing for the wholesale and retail trade; capable of handling from 25 to 100,000 ft. of glass; gilt edge references; age, 36; (single); **(strictly temperate)**. Address **BOX 342, Lancaster, Ohio.**

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

EVERY ORDER CALLS for "GREEN GOODS"

Now-a-days, but we have inexhaustible supplies of Asparagus Strings, Asparagus Sprays, Sprengeri and Smilax. We can supply the market. All we need on the largest orders is time to cut the stock.

All Cut Flowers in Season.

SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.50
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $1.50	12.00
Leucothoe sprays	.75

Subject to change without notice.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems, per 100	$6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $8 00
Ivory	5 00 to 8 00
Liberty	6 00 to 15 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30-36 in. stem	4.00
" " 24-in. stem	3.00
" " 20-in. "	2.00
" " 15-18-in. stem	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Mention Review when you write.

ST. PAUL.

The Market.

Trade is variable but quite satisfactory in general. With plenty of sunshine there has been a good supply of stock, the only noticeable shortage being Beauties and other red roses. Violets are becoming more plentiful and bulbous stock has made its appearance. Hyacinths and tulips in made-up baskets are attractive sellers, while Trumpet Majors give the first touch of spring to their surroundings with their bright yellow colors. Funeral flowers have constituted a large percentage of sales. Society circles seem very quiet this winter.

Country trade keeps up remarkably well, which shows that our country cousins have money for luxuries as well as necessities. With big crops and all farm produce bringing a good price, prosperity seems assured.

Notes.

W. G. Schucht is calling on the trade this week in the interest of C. C. Pollworth Co., Milwaukee. E. H. Vick, representing Wm. Hagemann & Co., and Mr. Schwake, with Chas. F. Meyer, were also callers.

A. S. Swanson has added one new house for roses, one small bulb house, and installed a new boiler, besides rebuilding two houses, giving him one of the largest plants in the city. He grows a great variety of plants, bulbs and flowers, probably a larger variety than any one in the state. Liberty on two-year-old roots is looking nicely and throwing long stiff stems, but three-year-old plants have not done well. American Belle has always done nicely here and Mr. Swanson considers it far ahead of Queen of Edgely. Chatenay is a superb variety. Its popularity, however, is limited, as the buying public does not seem to ask for it. Prince of Naples is one of those rare kinds whose great beauty and worth have not become known. The rose is very large, rivaling the Beauty in size, of a light pink shade not unlike the old La France. The foliage is superb. The growth is very strong and it is a good bloomer. Mr. Swanson has always been an enthusiastic and successful bulb grower, forcing more varieties than any grower here. One house is planted to Spanish iris. A large number of lilies are grown for Easter. This season he is growing Harrisii exclusively. Many blooming plants are also grown. This place is superintended by himself. A down-town store is managed by Mrs. Swanson, while a half interest is maintained in two other stores, one in Minneapolis, managed by his brother, the other but recently opened in St. Paul and managed by Gust Colberg. X. Y. Z.

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

J. G. ROBINSON & SON, Waukesha, Wis., send us a couple of bunches of violets just to let us see that the Hudson river growers have no monopoly in the matter of Marie Louise. As a matter of fact these are quite up to the best eastern stock and far outclass it in fragrance. Kennicott Bros. Co. handles this stock in the Chicago market and report these goods as steadily commanding more money than any others in town.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz., $1.50
SALVIA Nana Comp., Bonfire	" 25c.	¼ oz., 75c.	oz., 2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz., 1.00
PETUNIA, large flowering, fringed, mixed			pkt., .50
PETUNIA, double, large flowering, fringed, mixed			" 1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz., 5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz., 9.00

Our Wholesale Catalogue mailed free January 1st.

Stumpp & Walter Co
50 Barclay St. N.Y.

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O Sec'y and Treas., C. E. Kendel, Cleveland, O The 22d annual meeting will be held at St. Louis Mo., June, 1904.

VISITED CHICAGO: Jno. T. Buckbee, of Rockford, Ill.

LONGFELLOW bean is one of the scarce varieties of the green podded sorts.

VISITED OMAHA: Jno. F. Geary, representing Leonard Seed Co., Chicago.

VISITED NEW ORLEANS: C. W. Smith, representing Leonard Seed Co., Chicago.

ONION sets are beginning to get a move on. Several of the jobbers are pushing car lots forward.

CONSIDERING the pronounced shortage in cucumber seed the prices are remarkably uniform in the spring catalogues.

THE cucumber and sweet corn prices in the D. M. Ferry & Co. retail catalogue are cited as good evidence of a shortage in those items.

THE one who thinks sweet corn is not scarce, also the one who thinks sweet corn is scarce, can easily pick out a seed catalogue to prove it.

THIS is the season when a small order written on a large order sheet is a disappointment, and quite at variance with the eternal fitness of things.

THE hustle to cover shortages of beans and other staple seeds that is now epidemic at the south will likely spread to other points as the planting season comes around.

CURRIE'S Black Wax at $7 per bushel and $10 per bushel for Wardwell's, are the prices at which orders have been booked by wholesalers for immediate shipment during the week.

FLAXSEED prices are moving upward, May closing at $1.08 at Chicago January 19. Timothy is slow; country lots sold from $2.40 to $3.25. Clover seed easy, spot lots $8.50 to $11, according to quality.

IT is safe, and perhaps it is good policy as well, to quote the bushel price of sweet corn low where the greater proportion of the orders looked for are for quarts or less. This does not make the prices of those who are called upon to fill bushel orders look any more attractive, however.

THERE has as yet been no adjustment of the loss on the Buckbee seed warehouse loss at Rockford many months ago. The proofs of loss claim $118,000, while the insurance is $77,000. The underwriters' adjuster is insisting upon the cost value of the seeds, while Mr. Buckbee maintains that he is entitled to appraise them at market value at the time of the fire.

WM. S. GILBREATH, for fifteen years associated with the Illinois Seed Company, of Chicago, and one year with the J. M. McCullough's Sons, Cincinnati, is about to open up a new seed house in Indianapolis under the name of the William S. Gilbreath Seed Company. The concern will conduct a general grass and field seed, grain and storage business.

W. T. PHILIPPS, formerly president of the Henry Philipps Seed and Implement Co., Toledo, O., has sold his stock in the corporation to his brothers and has organized a competing concern and opened as the W. T. Philipps Co., at 519 Monroe street. There are six brothers continuing with the old firm, Herman, Henry J., Albert J., Charles J. S., Fred and August J.

AN authority on the sweet corn situation says: There is a hitch at present between the farmers who grow sweet corn for the factories and the canners for whom they grow regarding the price that green corn shall be contracted at for the coming year. He thinks that as soon as a satisfactory rate can be agreed upon a boom will take place in seed sweet corn.

JOSIAH HOOPES, the well known horticulturist, of Westchester, Pa., died January 16, aged 72 years.

KANSAS CITY, MO.—C. & J. Kreitz say trade was very good for December, but that January is not so good, the weather being a little too warm for business.

THE rose Mme. Abel Chatenay, which has been so good a money-maker for several growers in the middle west this season, and which will doubtless be largely planted for next year, was introduced by Pernet-Ducher, the French rosarian, in 1894. It is stated to be a seedling from a cross of Docteur Grill and Victor Verdier.

Gladiolus Bulbs

My XX stock is the best obtainable, have been selected from choice named varieties of Gandavinsis, Lemoine, Nancelanus, Childsii and choice seedlings. Send postal for account of it.

M. CRAWFORD, Cuyahoga Falls, Ohio.

Mention The Review when you write.

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The best of the Novelties shown at New York this year are from my last year's set.
Another great set described in my special list just out. Sent post free. Write for it.
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We give below a short list of things which should be sown early. ALL NEW CROP OF FINEST QUALITY.

	Trade Pkt	Oz
Ageratum Blue Perfection, dark blue	$ .15	$ .50
" Cope's Pet, light blue	.15	.35
Alyssum Little Gem or Carpet of Snow	.10	.25
Asparagus Plumosus Nanus, true, $1.00 per 100; $7.50 per 1000 seeds.		
Asparagus Sprengeri, 15c per 100; $1.00 per 1000 seeds.		
Begonia Semperflorens, Vernon	.25	2.50
" " " mixed	.25	1.50
Candytuft Empress, best white	.10	.20
Carnation Marguerite, mixed	.20	.75
Centaurea Gymnocarpa, 15c per 1000 seeds		.35
" Candidissima, 25c " "		1 50
Cobaea Scandens, purple	.10	.30
Cyclamen Per. Giganteum, white, rose, blood red and white with red eye, 75c per 100; $6.00 per 1000 seeds.		
Cyclamen, finest mixed, 60c " 5.00 " "		
Dracaena Indivisa	.10	.30
" Australis	.20	.60
Grevillea Robusta	.15	.40
Ipomoea Grandiflora (Moon Flower)	.15	.50
Lobelia Crystal Palace Compacta, true	.30	1 25
" Gracilis, light blue, trailing	.15	.40
" Speciosa, dark " "	.15	.50
Pansy, Dreer's Royal Exhibition, the finest mixture	.50	8 00
Petunia, Dreer's Superb Double Fringed, 75c per 500; $1 50 per 1000 seeds.		
Petunia, Dreer's Superb Single Fringed	.50	
$1.25 per 1-16 oz.; $2.00 per ¼ oz.		
Pyrethrum Aureum (Golden Feather)	.10	.25
Salvia Splendens (Scarlet Sage)	.25	1 00
" " Bonfire	.40	2.25
" " Burning Bush	.30	1.50
Solanum Capsicastrum (Jerusalem Cherry)	.10	.25
Stocks, large flowering, 10-week, in six colors	.40	2 50
" " " 10 " finest mixed	.30	2.00
" " " 10 " Princess Alice	.50	2.50
Thunbergia, finest mixed	.10	40
Torenia Fournieri	.30	2.00

DREER'S MAMMOTH VERBENA.

	Trade Pkt.	Oz.
Verbena, Dreer's Mammoth, in white, scarlet, pink, purple and striped	$ .30	$1.50
" " " finest mixed	.25	1.00
Vinca Rosea, rosea alba, rosea alba pura	.15	.50
" " mixed	.15	.40

Our New Wholesale Price List and Garden Book for 1904 has been mailed to all customers.

FOR FULL LIST OF ASTERS, etc., etc. please see the list — mailed free to all florists.

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Double, large flowered, fringed, " 50c and $1.00

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NEW CROP CHOICE FLOWER SEEDS Highest Quality

The Seeds herein offered are selected with the greatest care, and can be depended upon to be the very best obtainable.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection	$0 10	$0 50
Alyssum, Little Gem	10	25
Asparagus Plumosus Nanus (new crop), per 100 seeds, $1.00; per 1000, $7.50		
Aster, Queen of the Market (the earliest white, pink, light blue, dark blue and scarlet	10	50
Aster, Semple's Branching, mixed	10	50
" " " separate colors	15	75
Candytuft, Empress (selected)	10	20
Clematis Paniculata, white	10	40
Centaurea Candidissima (1000 seeds)	25	1 25
Double Daisy (Bellis), Giant Snowball	20	2 50
" " Longfellow rose	20	2 50
" " Mammoth, mixed	20	2 25
Lobelia, Crystal Palace Compacta, ⅛ oz.	25	1 25
Mignonette, Machet (true)	10	40
Pansy, J. & S. Kingly Collection, mixed, 1000 seeds 30c, 2000 seeds 50c, 5000 seeds $1.00		$5 00
Petunia, Giants of California, 1000 seeds 50c, 1 32 oz. $1.00.		
Petunia, extra large, double fringed, 500 seeds 60c.		
Salvia Splendens (Scarlet Sage), ¼ oz.	$0 25	$1 00
" Bonfire	25	2 00
Shasta Daisy (Burbank's), 100 seeds 20c. 1000 seeds, $1.25.		
Smilax (new crop), per lb. $2 25		20
Stocks, Large Flowering German, ten weeks, separate colors	25	2 50
Thunbergia, mixed	10	35
Verbena, Mammoth, mixed, 2000 seeds,	20	1 00
" separate colors, 2000 "	25	1 25
Vinca Rosea, alba, alba oculata	10	50

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WHOLESALE FLORISTS. ROSES, VALLEY, BEAUTIES and CARNATIONS.
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PHILADELPHIA.

The Market.

There is a better tone to the market this week. Winter has been with us in grim earnest, verifying so far the stormy times predicted for the next three months by the chap with the goose bone, and shortening stock considerably. We have just entered on the good month preceding Ash Wednesday. The buyers show a keener interest in securing good stuff, which has steadied prices, with here and there a slight advance.

Bulbous flowers are becoming more numerous, though perhaps that expression is slightly misleading. Julius Kohen & Son are sending in nice scarlet Due Van Tholl tulips. Freesia can also be seen if you look quick. Campernelles and Trumpet Majors are also here. Brides and Maids are better stock now than at almost any time this season and have advanced in price. Callas are moving slowly. Dunn & Co. are handling some nice Princess of Wales violets.

A Wedding of Interest.

A wedding of great interest occurred on Tuesday last, when Miss Madeline Michell was married to Leo Niessen. The bride is the daughter of Fred J. Michell, vice-president and treasurer of the well known seed firm of Henry F. Michell Co. The bridegroom has by industry and ability established the splendid cut flower house that bears his name. The happy couple have the best wishes of their many friends.

A New Commission House.

William Berger, the well-known florist of Germantown, has five sons engaged in different branches of our business. Three are still with him. Two other sons, John Berger, for fourteen years with his father, and Harry Berger, who has had nine years' experience in different branches of floriculture, will on Monday, February 1, open a new commission house at 1220 Filbert street, under the name of Berger Brothers. The new firm will handle a general line of cut flowers. They are conveniently situated, close to both terminals, and will have all facilities for handling business.

The Best Profession.

Secularly speaking there are three professions, law, medicine and floriculture. Of these the best is floriculture. The reasons for this bold assertion are two. First, no other profession appeals to and cultivates the finer instincts as does floriculture. It lacks the dryness of the other two, giving its students returns in pleasure as well as in profit.

Our 1st and 2nd Quality
TEA ROSES
Many of our customers tell us are the equal or better than others sent out as higher grade. Then, you know they are "fresh" Sent out the same day they are cut. The prices are 3c and 5c for these grades.
HELLER BROS.,
South Park Floral Co., NEW CASTLE, IND.
Mention the Review when you write.

Second, no other profession is considered so desirable for young men, by those who have achieved success in it, as floriculture. The successful lawyer thinks the law too difficult and uncertain for his son; four-fifths of the lawyers in this city, he will tell you, are not self-supporting. He will start his son in something more promising. The successful doctor feels that it is unfair to ask his son to lead the hard, dog's life he has had to do, getting up at all hours of the night with never a minute he can call his own. The counsel and practice each can give count for nothing in their minds against the known difficulties.

The florist, on the other hand, feels that his profession is a splendid one, the finest opening his son can have. The fact that flowers and plants are a luxury and the destructibility of glass houses are obstacles, obstacles to be overcome. This may be startling, but the proof is at hand.

One of our pioneer florists, Abram L. Pennock, has seven sons all in our ranks: Samuel S., the well-known wholesaler; J. Liddon, of the firm of Pennock Brothers; C. and G. L., rose growers; A. J., our valley king, and Herbert A. and Henry, both southern growers.

Two sons of the late Hugh Graham, Hugh and William, are following their father's profession. Then there are Robert Craig & Son, J. J. Habermehl's Sons, Thomas Meehan's Sons, Joseph Kift & Son, Chas. Schott's Son, Joseph Bevis & Son, Julius Koehler & Son, Robert Scott & Son, and many others.

The year 1904 has brought another illustration of this fact. Robert Crawford, Jr., has taken his son, William W., into partnership under the firm name of Robert Crawford & Son. Mr. Crawford is very successful and the fact that he has taken one son in with him and put the other son, Harry, into the Philadelphia Carnation Company, will go a long way toward convincing the skeptical of the truth of this statement.

Ferns
A fine lot of PIERSONI FERNS in 2 and 3-in. pots, ready for a shift; also, 5, 6, 7, 8 and 10-inch, all at low prices. BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-in. Fine Stock. Write —
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Dracæna Indivisa.
3½-inch ..... $6.00 per 100
3-inch ..... 4.00 "
Potted now; will be nice stock for spring.
BINLEY, -:- The Florist
GLENS FALLS, N. Y.
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An Outsider's Query.

One of the Beauty growers recently received a letter from a friend, which read as follows: "I had occasion to buy a few flowers just before Christmas and learned that the price was $25 a dozen. What will you do with all the money you are making?" This is rather a difficult question to answer off-hand; at least the grower who received the letter thought so. Perhaps William Scott will be able to elucidate. PHIL.

C. W. WARD has an interesting article on the Begonia Gloire de Lorraine, in the January issue of Floral Life, the illustration being from a photograph by L. V. Hallock.

WE felt there was something missing from our business and note we have not renewed our subscription to the REVIEW; here is the dollar; please send the back numbers.—EGGELING FLORAL CO., St. Louis.

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Extra nice stocky plants, 2¼-inch, $2.00 per 100; 500 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus**, from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Wholesale Cut Flower Prices.

Philadelphia, Jan. 20.

	Per doz.	
Beauties, Specials		$6.00
" Extra		5.00
" No. 1	$ 3.00 to	4.00
" Shorts	1.50 to	2.00
Queen of Edgely, Extra		4.00
" " No. 1	2.00 to	3.00
" " Shorts		1.50
	Per 100	
Bride and Bridesmaid, Specials	$10.00 to	$15.00
" " No. 2	4.00 to	6.00
Golden Gate, Firsts	10.00 to	12.00
" " Seconds	4.00 to	6.00
Liberty, Firsts	25.00 to	40.00
" Seconds	6.00 to	15.00
Meteor, Firsts	10.00 to	12.00
" Seconds	4.00 to	6.00
Perle	4.00 to	8.00
Sunrise	6.00 to	10.00
Ideal	6.00 to	12.00
Orchids, Cattleyas		60.00
" Vandas	20.00 to	25.00
" Laelias		25.00
" Cypripediums		15.00
Carnations, Commons	1.50 to	2.00
" Fancies	3.00 to	5.00
" Novelties		8.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings		50.00
" " Sprays		2.00
" Sprengeri "		2.00
Callas	8.00 to	12.50
Daisies	.50 to	.75
Hyacinths, Roman	3.00 to	4.00
Daffodils	2.00 to	6.00
Tulips	3.00 to	4.00
Freesia	3.00 to	4.00
Gardenias		50.00
Lilium Longiflorum	10.00 to	15.00
Lily of the Valley	3.00 to	5.00
Mignonette	2.00 to	4.00
Narcissus	3.00 to	4.00
Pansies	.75 to	1.00
Poinsettias	15.00 to	30.00
Smilax	12.50 to	15.00
Stevia	.50 to	1.00
Sweet Peas		1.50
Violets	.75 to	1.50

Lilac, $1.00 to $2.00 per bunch.

INDEED, I could not afford to have so good a trade paper stop coming, for I could not get along without the REVIEW. —N. H. PADGETT, Unadilla, N. Y.

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HOW TO GROW IT. FULLY ILLUSTRATED.

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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
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Special arrangements this season for the extensive handling of American Beauties.
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Receiving Extra Quality **American Beauties** and all other varieties of Roses.
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CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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Wholesale Cut Flower Prices.

New York, Jan. 18.

	Per 100
Beauties, Specials	$20.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	5.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	4.00 to 10.00
Liberty	2.00 to 25.00
Meteor	2.00 to 6.00
Cattleyas	35.00 to 50.00
Cypripediums	10.00 to 15.00
Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.50 to 2.00
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Adiantum Cuneatum	.25 to .50
" Croweanum	1.25 to 1.50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	6.00 to 10.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	2.00 to 3.00
Mignonette, ordinary	1.00 to 5.00
Narcissus	1.50 to 3.00
Smilax	8.00 to 10.00
Violets, ordinary	.25 to .50
" extra	.50 to 1.00

Galax, $1.00 per 1000.
Common Ferns, $1.00 per 1000.

The market seems to have steadied, and it is to be hoped that the bottom has been seen for the last time for many a day. The supply is not excessive and the demand grows. We look for no further recessions during the winter season.

We cannot afford to do without the Review.—G. M. Thost, De Soto, Mo.

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Wholesale and Retail Dealer in all kinds of
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GALAX, Bronze or Green, $1.00 per 1000.
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Riedel & Spicer
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EDWARD McK. WHITING, Vice-Pres. and Counsel
JOHN E. WALKER (Member of the New York Bar), - - - Secretary and Treasurer

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If you haven't a copy already, order one now.

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Pittsburg, Jan. 20.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	2.00 to 6.00
Brides and Maids Specials	15.00
" " " Extra	10.00 to 12.00
" " " No. 1	4.00 to 6.00
" " " No. 2	2.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Liberty	12.00 to 25.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	3.00 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus plumosus, strings	30.00 to 50.00
" Sprengeri, sprays	2.00 to 4.00
Callas	8.00 to 10.00
Daisies	.75 to 1.50
Freesia	3.00 to 4.00
Hyacinths	1.00 to 3.00
Lilac per bunch,	1.00 to 1.50
Lilium Harrisii	18.00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	3.00 to 6.00
Narcissus	2.00 to 3.00
Pansies	1.00 to 1.50
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.25
Tulips, single	2.00 to 4.00
Violets	.50 to 1.50

Milwaukee, Jan. 20.

	Per 100
Beauties, Specials	$25.00
" " Extra	18.00 to 20.00
" " No. 1	12.50 to 15.00
" " Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 8.00
Meteors	4.00 to 6.00
Perle	4.00 to 6.00
Carnations, Selects	2.00
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus plumosus, Strings	50.00
" Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Callas	12.50
Daisies	.50
Lily of Valley	4.00
Mignonette	2.00 to 3.00
Smilax	15.00
Stevia	3.00
Sweet Peas	2.00
Tulips, single	2.00 to 3.00
Violets	.50 to .75
Galax	.20
Common Ferns	.25

PLANT an adv. in the REVIEW and see your business grow.

ENCLOSED you will find the best invested dollar in my business; continue the REVIEW.—H. P. LODING, Mobile, Ala.

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

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Bronze or Green, 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

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Wholesale Cut Flower Prices.

Chicago, Jan. 20

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100, $6 00 to	8.00

	Per 100
Bridesmaids, Specials	$6.00 to 10.00
" Firsts	4.00 to 5 00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	15.50
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firste	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	12.00 to 15.00
" Seconds	6.00 to 10.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8 00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	4.00 to 5.00
" Common	1.50 to 3.00
Violets	.75 to 1.50
Paper Whites	2 00 to 3.00
Romans	3.00 to 4.00
Tulips	3.00 to 5.00
Freesia	3 00 to 4.00

Easter lilies, $2 00 doz.
Callas, $1.50 per doz.
Mignonette, $1.00 to $1.50 per doz.

Valley	2.00 to 4.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00

Smilax, $1.50 per doz.
Common ferns, per 1000, $2.50.
Galax Leaves, $1.00 per 1000.

A PRETTY STORY.

Practically all of the violets that are in the great New York market, as well as the other large cities of the state, are grown within an area of about twenty-five square miles in Dutchess county, and near the Hudson river. Farmers and townspeople alike are engaged in their culture, so that the industry employs hundreds of people and involves an investment of probably more than half a million dollars. This year it is estimated that about 100,000,000 violets will be shipped out of Rhinebeck, most of them to the metropolis. In a few years substantial fortunes have been made in the production of these gentle flowers for market. This man is pointed out as having made $20,000 in eight years. That man is said to have saved $15,000 in a short time; and these profits are greater than those of blacksmithing or teaching school or the grocery business. So the blacksmith of Rhinebeck left his forge, built a greenhouse, and became a violet grower—a radical change in occupation. One of those who has recently become a violet man is a school teacher; another was a butcher; another a street sprinkler. And after he has closed his doors at midnight one of the saloon keepers of Rhinebeck goes to his violet house to see that the temperature is as it should be and that the violets are undisturbed.—Leslie's Weekly.

The Review is all right.—Vick & Hill Co., Rochester, N. Y.

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FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
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Every facility for prompt shipment.

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THE "OLD RELIABLE" FOR
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With the Flower Growers' Co. Telephone—Central 3067.
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Special attention given to Hardy Cut FERNS.
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All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

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Wholesale Cut Flower Prices.

Cincinnati, Jan. 20.

	Per 100
Beauties, Specials	$45.00 to $50.00
" Extra	25.00 to 35.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Specials	10.00
" " Extra	8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gates	4.00 to 10.00
Liberty	4.00 to 15.00
Meteor	4.00 to 10.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Commons	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancies	5.00 to 8.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.50 to 1.50

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W. Atlee Burpee & Co., Philadelphia, wholesale list of seeds; C. Petrick, Ghent, Belgium, plants; John Lewis Childs, Floral Park, N. Y., seeds and plants; Texas Seed and Floral Co., Dallas, Tex., seeds and plants; A. N. Pierson, Cromwell, Conn., plants; J. Blaauw & Co., Boskoop, Holland, nursery stock; E. I. Rawlings, Quakertown, Pa., plants; F. W. Kelsey, New York, plants; J. M. McCullough's Sons, Cincinnati, seeds; H. S. Adams, Jamaica Plain, Mass., seeds and plants; Dingee & Conard Co., West Grove, Pa., roses, etc.; Storrs & Harrison Co., Painesville, O., seeds and plants; Arthur Cowee, Berlin, N. Y., gladioli; Weeber & Don, New York, seeds and plants; L. L. May & Co., St. Paul, seeds and plants; McGregor Bros. Co., Springfield, O., wholesale and retail lists of plants and seeds; Oregon Nursery Co., Salem, Ore., Maynard plum; D. M. Ferry & Co., Detroit, seeds; Johnson & Stokes, Philadelphia, seeds; J. G. Harrison & Sons, Berlin, Md., fruit trees and plants; Sluis & Groot, Enkhuizen, Holland, seeds.

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Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Jan. 20.

	Per doz
Beauties, Specials	$6.00 to $8.00
" Extra	3.00 to 4.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	5.00 to 6.00
" " Extra	3.00 to 4.00
" " No. 1	1.50 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Liberty	3.00 to 5.00
Meteor	3.00 to 6.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Common	2.00 to 3.00
" Selects	4.00 to 5.00
" Fancies	3.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	10.00 to 15.00
Daffodils	3.00 to 4.00
Freesia	3.00 to 4.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	4.00 to 5.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 5.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Stevia	.75 to 1.00
Sweet Peas	1.00 to 1.50
Tulips, single	2.00 to 4.00
Violets	.75 to .50
Galax	.15
Common Ferns	.15

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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Suburb of Chicago.

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Shibeley The Florist,

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WASHINGTON, D. C.

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Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.

Long Distance Phone 2478.

Cincinnati, Ohio

ALBANY and NEW YORK

or any place between

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A. GUDE & BRO.

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Washington, - D. C.

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J. J. Beneke,

1220 Olive Street, ST. LOUIS, MO.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

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Long Distance Phone Lindell 196 M.

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PHILADELPHIA,

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The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

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Telephone Central 2522. 51 Monroe St., CHICAGO.

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ST. PAUL or MINNEAPOLIS.

WILLIAM L. ROCK.

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1116 Walnut St., Kansas City, Mo.

Clarke Bros.

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(CONTINUED.)

WM. SCOTT,
Main and Balcom Sts.
Buffalo, N. Y.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

S. B. Stewart,
119 No. 16th Street, OMAHA, NEB.

U. J. VIRGIN,
838 Canal Street, NEW ORLEANS, LA.

FOLEY'S FLORAL FOTOGRAPHS
Send for my Floral Album, size 12x11, containing 24 different funeral designs. Sent to any part of the country by express, $7.00 c. o. d.

226-226½ Bowery, NEW YORK.
Mention The Review when you write.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50.00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond	5.00	45 00	Harry Fenn	5.00	40 00
Prosperity	2.50	20.00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook	2 50	20 00	Bradt	3.00	25 00

C. WARBURTON, Fall River, Mass.
Mention the Review when you write.

Carnation Cuttings.
Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.
Mention the Review when you write.

Geraniums..
Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.

VINCAS—Variegated, from 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.
Mention the Review when you write.

"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"
("THAT'S ALL")

This stock can be had **only** direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.
EVERGREEN, ALABAMA.

CINCINNATI.

The Market.

Trade is a little more active than it has been for the last few days, and everything has the appearance that business will soon be back to the normal. There is a good demand for all kinds of stock and everything is being closed out well and at an advance in price over last week.

Beauties, which have been somewhat a drug, are now moving better. Tea roses are all sold out clean, and more could easily be disposed of. Liberty and Meteor are scarce. Carnations are coming much better and are selling well, especially white, which is in very good demand. Bulbous stock is doing very well. There is an active demand for callas, and Harrisii are not far behind. Romans do not move so well, but Paper Whites are very good stock. Valley also is going nicely. Violets have been very poor property of late. At times they could not be disposed of at any price. At present the demand for them is more active. All kinds of green goods are selling well, with the supply rather limited.

Various Notes.

Most of the florists who were on the sick list are now back at their posts and all seem pretty glad to get back, too.

Paul Dailledouze was in the city during the past week. He was making a rapid tour through the carnation belt and stopped over here long enough to make a few calls on our experts. He left for Richmond, Ind.

The funeral of ex-Governor Bushnell brought forth many large funeral orders. Nearly all of the florists had a few orders to send to Springfield and altogether the flowers sent amounted way up into the hundreds of dollars. The wholesalers shipped a good many flowers to the local florists, only the best stock being used.

The rose show given by the Florists' Society is scheduled for Saturday, February 13. From present outlook it will be the best ever held by the society. The schedule is now out and can be obtained by addressing the writer, at 113 East Third street. Several out-of-town growers have signified their intention of making exhibits and I would like anyone who has something that they are doing in good shape to send a few blooms along and let our boys see what it is like. Do not forget the S. A. F. silver and bronze medals. They are well worth having and our society has the awarding of them. C. J. OHMER.

IS THE PRIMULA POISONOUS.

Will you be kind enough to tell me through the REVIEW if Primula obconica is a poisonous plant. H. M. B.

Were this question asked of many florists who have handled the plant the answer would be most decidedly that it is poisonous. Bailey says of it, "loose-hairy leaves, the sharp hairs often irritating-poisonous."

SOCIETY OF AMERICAN FLORISTS.

Parties disseminating new plants of any class for the first time this season are respectfully requested to forward to the secretary names and descriptions of them, or marked copy of catalogue containing such descriptions, so that a full and accurate list of such novelties, with the names of their introducers, may be prepared for publication in the next annual report of the society.

WM. J. STEWART, Secretary,
79 Milk St., Boston, Mass.

NEW ALBANY, IND.—A. Rasmussen is quite ill with typhoid fever.

GOVANSTOWN, MD.—The stable and greenhouse of Alonzo Slayman were destroyed by fire January 8, loss $700 with no insurance.

LOCKPORT, N. Y.—The F. B. Lewis greenhouses destroyed by fire January 8 are already being rebuilt. They are operated by Clarence O. Lewis, a son of the owner. The burned houses contained carnations and violets and the stock was a total loss.

LAKE GENEVA, WIS.—C. H. Gebhardt, gardener for H. G. Selfridge, states that the local newspaper report of the accident to his boiler and the resultant damage to stock was greatly exaggerated. The break in the boiler was only a small crack and the stock did not suffer at all.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in.; Savitzii, $3.00; Eclipse, $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, rooted cuttings, $1.00 100. E. B. Randolph, Delavan, Ill.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 8c; 2nd size, 5c.
W. H. Salter, Rochester, N. Y.

AQUARIUM PLANTS.

Red Ludwigia, of sterling merit for large and small aquariums; 5 to 12-in. rooted sprays, at 1 cent each, in quantities of 50 and upward by mail. Half-bushel basket by express, $2.00.
A. Puetz, Greenland, Fla.

ARAUCARIAS.

Araucaria excelsa, from 18, 20 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5½-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ARDISIAS.

Ardisia crenulata, 600 3-yr.-old roots. Write for price. E. Leuly, West Hoboken, N. J.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus, fine plants, 2 and 2¼-in., $2.50 100; 3-in., fine plants, $5.00 100. Cash Will exchange for ever-blooming roses like La France, C. Soupert, etc.
Theodore Miller, Ironton, O.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus, extra strong 4-in., ready for 5-in., $12.50 100. 25 at 100 rate. Cash.
J. R. Shreiner, Lancaster, Pa.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong clumps from solid bed, $8.00 per 100. Cash.
Emil Leuly, West Hoboken, N. J.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Sprengeri, 2-in., $1.50; field-grown in 4 and 5-in., $8.00 and $12.00 100.
C. Winterich, Defiance, O.

Asparagus Sprengeri, 2½-in., $2.00, 3-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri and plumosus, 2, 2½, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 50c per string.
A. N. Pierson, Cromwell, Conn.

400 Sprengeri, strong, 2-in., $1.50 100.
White's Conservatories, Sandusky, O.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

AZALEAS.

AZALEA MOLLIS for EARLY FORCING. Fine bushy plants, 15 inches high, full of buds, $4.50 per doz, $35.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maculata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BOUVARDIAS.

Bouvardia, stock plants, pink, white and red, single and double, $5.00 per 100.
J. A. Shellem, 17th and Tasker Sts., Philadelphia, Pa.

BULBS.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Large-flowering begonias, tuberous-rooted, selected bulbs; single and double. Gloxinia crassifolia erecta, giant flowering, carefully selected bulbs. For size and prices see Jan. 7th issue. Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4 in. in circumference. Write us for prices before buying.
Z. J. Carter & Son, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

CANNAS.

Cannas, strong, dormant tubers, $2.00 per 100; $18.00 per 1000. Alphonse Bouvier, Austria, Chicago, Comte de Bouchard, Creole, Chas. Henderson, F. R. Pierson, Florence Vaughan, J. D. Cabos, John White, Mlle. Berat, Manda's Ideal, Oriole, Pierson's Premium, Paul Bruant, Paul Marquant, Queen Charlotte, Sec. Chabanne, Thos. S. Ware, etc.
WOOD BROS., Fishkill, N. Y.

Cannas, Chas. Henderson, Duke of Marlborough, Crimson Bedder, Queen Charlotte, Alemannia, America, Chicago and Pres. McKinley, $1.75 per 100; $15.00 per 1000. Other standard and new varieties, cheap.
W. W. Dedrick, Ashley, Ind.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas. Strong tubers, 2 to 3 eyes, all sound, fine stock, $1.25 per 100; $10.00 per 1000. Austria, Burbank, Childsii, Alemannia, Chas. Henderson, Ex. Campbell. All true to name. W. R. Gray, Oakton, Fairfax Co., Va.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, strong eyes. Egandale, Henderson, Chicago, Ft. Vaughan, Mme. Crozy, $1.00 100; $8.00 1000. Austria, 75c 100; $5.00 1000.
Furrow Bros., Guthrie, Okla.

100 varieties; assorted, not less than 50 each, $12.50 per 1000. A. Puetz, Greenland, Fla.

Canna Austria, a few thousand at $4.00 per 1000. Soar Bros., Little River, Fla.

CARNATIONS.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Pink—	100	1000	Red	100	1000
Enchantress	$6.00	$50.00	Palmer	$2.00	$15.00
Morning G.	2.00	15.00	Chicago (Red Bradt)	2.00	15.00
Higinbotham	1.50	12.50	Estelle	2.00	15.00
Mrs. Lawson	1.50	12.50	Harlowarden	3.00	25.00
G. Angel	1.25	10.00	White—		
Cressbrook	1.50	12.50	Her Maj.	3.00	25.00
			W. Cloud	1.50	12.50
			Flora Hill	1.50	12.50

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS., 51 Wabash Ave., Chicago.

Carnation cuttings. Clean, healthy stock, well rooted.

Pink—	100	1000	White—	100	1000
Enquirer	$1.50	$12.50	Wolcott	$3.00	$25.00
Nelson	1.50	12.50	Alba	3.00	25.00
Higinbotham	1.50	12.50	Murphy's White	3.00	25.00
G. Angel	1.25	10.00	Mer Maj'y	3.00	25.00
Cressbrook	1.50	12.50	W. Cloud	1.25	10.00
Variegated—			Q. Louise	1.50	12.00
M. Field	5.00	45.00	Richard	1.50	12.00
Mrs. Bradt	2.00	15.00	Scarlet—		
Prosperity	2.00	15.00	Manley	3.50	25.00
V. Allen	3.00	25.00	G.H.Crane	2.00	15.00
Stella	3.00	25.00	Palmer	2.00	15.00
			Mrs. Ine.	1.25	10.00

Michael Winandy, 406 Devon Ave., Chicago.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Blatchley, Plantsville, Conn.

NEW CARNATIONS. We are booking orders for this season's novelties in carnations.

	100	1000
Judge Hinsdale (Ward)	$12.00	$100.00
Mrs. M. A. Patten (Peter Fisher)	12.00	100.00
Golden Eagle (Ward)	10.00	
Sunbird (Marquisee)	12.00	100.00
Sensation (Ward)	10.00	
Flamingo (Marquisee)	12.00	100.00
Crusader (C. C. Co.)	10.00	80.00
Christmas Eve (Ward)	10.00	
The President (Ward)	12.00	100.00
Octoroon (Ward)	10.00	
Nelson Fisher (Fisher)	12.00	100.00
Ethel Ward (Ward)	12.00	
Indianapolis (Baur & Smith)	12.00	100.00
Mackinac (Ward)	10.00	75.00
Reliance (C. C. Co.)	10.00	80.00
White Lawson (C. H. Allen and James Hartshorne)	12.00	100.00
Lady Bountiful (Dorner)	12.00	100.00
The Belle (Dorner)	12.00	100.00
Albatross (Marquisee)	12.00	100.00

Also the following standard varieties:

	100	1000
Mrs. Theodore Roosevelt	$4.00	$30.00
Gov. Wolcott	4.00	30.00
Gov. Lowndes	6.00	50.00
Lillian Pond	5.00	45.00
Enchantress	6.00	50.00
Mrs. John A. Thayer	5.00	40.00
Alpine Glow	5.00	40.00
Mrs. T. W. Lawson (pink)	3.00	25.00
Floriana	3.00	25.00
Wm. Scott	1.50	12.50
Gov. Bliss	4.00	30.00
Adonis	8.00	70.00
Golden Beauty	5.00	
Dorothy Whitney	5.00	
Lorna	2.50	20.00
Prosperity	3.00	25.00
Harry Fenn	4.00	30.00

Descriptive list of carnations now ready. Write us for one.

THE COTTAGE GARDENS, Queens, N. Y.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Enchantress	$6.00
Queen Louise	1.50	Success	4.00
Lorna	2.50	Mrs. Higinbotham	5.00
Good Enough	2.00	Cresbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Red—		Dorothy	2.00
Adonis	6.00	Sunbeam	2.50
Mrs. P. Palmer	3.00	Morning Glory	1.50
J. H. Manley	4.00	Mrs. Joost	1.25
Oriole	2.50	Daybreak	1.25
G. H. Crane	2.00	Wm. Scott	1.25
Jubilee	1.50	Crocker	1.25
Portia	1.25	Mermaid	2.00
Yellow—		Floriana	1.50
D. Whitney	5.00	Crimson—	
Buttercup	3.00	Harry Fenn	5.00
Gold Nugget	2.00	Gov. Roosevelt	2.50
Eldorado	1.25	Gen. Maceo	1.50

Variegated—Prosperity, $2.50 100; Mrs. G. M. Bradt, $3.00 100.

J. L. Dillon, Bloomsburg, Pa.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosev't	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	
Mrs. Joost	2.00	15	J. H. Manley	3.00	

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name.

Part cash with order, balance C. O. D.

EVENDEN BROS., Williamsport, Pa.

Carnation rooted cuttings.

	100	1000		100	1000
Bo'n Mk't.	$4.00	$35.00	Glacier	$2.50	$20.00
Fair Maid.	4.00	35.00	Marquis	2.50	20.00
Wolcott	4.00	35.00	Dorothy	2.50	20.00
McKinley.	3.50	30.00	G. Ro'sev't	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	17.50
Estelle	3.00	25.00	Lorna	2.00	17.50
Floriana	3.00	25.00	Norway	2.00	17.50
Innocence	3.00	25.00	Maceo	2.00	17.50
Prosperity	3.00	25.00	Gomez	2.00	17.50
Gaiety	3.00	25.00	Success	2.00	17.50
Stella	3.00	25.00	Triumph	1.50	12.50
Lawson	2.50	20.00	White Cl'd	1.50	12.50
M'g Glory	2.50	20.00	Cash or C. O. D.		

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Strong carnation cuttings.

	100	1000		100	1000
The Queen.	$5.00	$40.00	Lorna	3.00	25.00
Mrs. Lawson	3.00	25.00	Floriana	3.00	25.00
Mrs. Bradt	3.00	25.00	Gen. Maceo	3.00	25.00
Fair Maid	3.00	25.00	Roosevelt	3.00	25.00
			Prosperity	3.00	25.00

Cash with order.

THOS. W. SOUTHWARD, Willimantic, Conn.

Strong, well rooted carnation cuttings. WHITE BRADT, the white sport of Mrs. Geo. M. Bradt, $1.50 per 25; $5.00 per 100; $22.00 per 500. Cash with order or C. O. D.

John E. Sten, Red Wing, Minn.

Rooted carnation cuttings; clean, healthy stock, well rooted.

Red.	100.	1000.	White.	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.25	$10.00
America	2.50	20.00	W. Cloud	1.25	10.00
Palmer	2.50	20.00	Q. Louise	1.50	12.50
Pink.			Norway	1.50	12.50
Lawson	1.50	12.50	Light Pink.		
Dorothy	1.50	12.50	Enchantress	5.50	50.00
Nelson	1.50	12.50	Hig'botham	2.50	20.00
G. Angel	1.50	12.50	M. Glory	2.50	20.00
Triumph	1.50	12.50	Variegated.		
Joost	1.25	10.00	Prosperity.	2.50	20.00
Crocker	1.25	10.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnation cuttings. Healthy, well rooted stock.

	100	1000		100	1000
Pond	$5.00	$40.00	Her Majesty	$5.00	$40.00
Wolcott	4.00		Q. Louise	2.00	18.00
Enchantress	6.00	50.00	Queen	5.00	40.00
Fairmaid	3.00	25.00	Prosperity	3.00	25.00
Lawson	3.00	25.00	Estelle	4.00	30.00
Adonis	8.00		Nelson	3.50	30.00
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty.	3.00	25.00
M. Field	5.00				

Can also furnish all other good varieties.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. INDIANAPOLIS. $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1		Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	Harlowarden	5.00	
Her Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.

BACKER & CO., Billerica, Mass.

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$6.00	$50.00	Fair Maid.	$3.00	$25.00
Queen	6.00	50.00	Lawson	2.50	20.00
Wolcott	4.00	30.00	Q. Louise.	2.00	15.00
Roosevelt	3.00	25.00	M. Glory.	2.00	15.00

Our stock is first-class, and we guarantee our cuttings to be A1 and well rooted.

Orders from parties unknown to us must be accompanied by cash or satisfactory references.

THE LEWIS CONSERVATORIES, Marlboro, Mass.

We are now booking orders for the following first-class carnations, guaranteed to oe strictly A1 cuttings and well rooted.

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

Carnations, extra strong rooted cuttings, from clean stock.

	100	1000		100	1000
Lawson	$2.50	$20.00	Queen Louise	2.00	15.00
Higinbotham	2.50	20.00	Gov. Roosevelt	2.50	20.00
Harry Fenn	3.00	25.00	Prosperity.	3.00	
J. H. Manley	3.00	25.00	Golden Beauty	4.00	

THEODOR LEONHARD, Paterson, N. J.

Now ready; fine, healthy, clean stock of Lawson, Prosperity, Dorothy, America, Crane, F. Hill, Peru, Queen Louise, Innocence, Floriana, Lorna and Gov. Wolcott, $2.00 per 100; $18.00 per 1000.

W. W. COLES, Kokomo, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100, $75.00 1000.

Jerome A. Suydam, Flatbush, N. Y.

Unrooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Prosperity	$1.25	$10.00
Hill	1.00	7.50	Lil'n Pond.	2.00	15.00
Q. Louise.	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen.	2.00	15.00
Fair Maid.	1.25	10.00	Enchantress	3.00	25.00
Roosevelt.	1.25	10.00	Challenger.	1.25	10.00

All healthy stock.

UTICA FLORAL CO., Utica, N. Y.

NELSON FISHER and MRS. M. A. PATTEN. I have them growing in quantity and can confirm all the claims made by the originator. Price: $3.00 doz., $12.00 100; $100.00 1000. ENCHANTRESS, I have the largest and best stock in the middle states. Price: $6.00 100; $50.00 1000. Also rooted cuttings of all standard varieties.

W. K. Partridge, Sta. R., Cincinnati, O.

	100.	1000.		100.	1000.
Ench'tress	$5.50	$50.00	The Queen.	$5.50	$50.00
McKinley	3.50	30.00	Prosperity	2.00	18.00
Stella	3.00	25.00	Roosevelt.	2.75	25.00
Lawson	2.00	17.00	W. Cloud	1.25	11.00
Triumph	1.25	11.00	Gomez	1.60	15.00

Write for prices on other varieties. Cash with order, please.

Mrs. B. Merkel & Sons, Box 8, Carlstadt, N. J.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt.	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted carnation cuttings ready early in January.

Pond.	Estelle.	Stella.
Peru.	Glacier.	Lawson.
Lorna.	Prosperity.	Golden Beauty.
Marquis.	Roosevelt.	Mrs. T. Roosevelt
Lowndes.	M'n'g Glory.	Mrs. E. A. Nelson

Clean, well rooted, healthy stock. Place your orders now. JOHN H. DUNLOP, Toronto, Ont.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel.	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants out of black soil. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport.	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud.	2.50	20.00
America	2.50	20.00			

Sinner Bros., 58 Wabash Ave., Chicago.

Rooted cuttings now ready.

	100	1000		100	1000
Joost	$1.50	$12.00	Gov. Roosevelt	2.50	20.00
Flora Hill	1.50	12.00	Lady Maruis	2.50	20.00
			Emma McGowan	2.00	15.00
				1.25	10.00

E. A. Bennett, Rockville Centre, L. I., N. Y.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo Niesseo, 1217 Arch St., Philadelphia.

Rooted carnation cuttings.

	100	1000
Enchantress	$6.00	$50.00
Lillian Pond	5.00	40.00
The Queen	5.00	40.00
Lawson	3.00	25.00
Prosperity	3.00	25.00

Cash with order.

Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.00
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Queen Louise carnation still heads the list as a commercial white. From 3000 plants we cut 91,000 first-class blooms. We have 16,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular. $1.25 100; $10.00 1000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

CARNATIONS—Continued.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$2.00	$17.50
Wolcott	3.50	30.00	Pond	4.00	.....
Lawson	2.00	17.50	Harlow'den	6.00	.....
Palmer	2.00	17.50	H'botham.	3.00	.....
Prosperity.	2.50	20.00			

Poehlmann Bros. Co., Morton Grove, Ill.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Rooted carnation cuttings. Strong, healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

50,000 rooted carnation cuttings for January delivery. White Cloud, Hill, Queen Louise, Dana, Morning Glory, Joost, Lawson, Prosperity, America, Crocker and Norway. Guaranteed free from rust or stem-rot. In this southern climate our plants are entirely free from these diseases. Rosemont Gardens, Montgomery, Ala.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquia	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.
Sidney Littlefield, North Abington, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted carnation cuttings. Clean, healthy stock. Snow Drift, white; Joost, pink; Cartledge, pink, $1.50 per 100, $12.00 per 1000. Liberal count to help pay expressage. Cash.
John R. Shreiner, Lancaster, Pa.

We have the money-making varieties and can supply strong rooted cuttings, guaranteed free from disease. For varieties see displayed adv.
Buckley Plant Co., Springfield, Ill.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

New carnation, LOUISE NAUMANN. Send in your order now for February delivery. Price: $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

Carnations. All the leading new varieties of 1904; the best of last year's varieties, and other standard kinds now ready.
H. Weber & Sons, Oakland, Md.

The Queen (extra selected), from soil, now ready, $5.00 1000, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Bedford, Mass.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.
Lake Shore Greenhouses, Albert Lea, Minn.

Ethel Crocker. Strong, healthy rooted cuttings now ready. $2.00 100; $15.00 1000. Delivered at Hartford.
W. H. Atkins, Burnside, Conn.

Carnation rooted cuttings of new and leading varieties. Send for wholesale list, giving particulars and prices.
A. N. Pierson, Cromwell, Conn.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to
John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Rooted cuttings. The Queen carnation, the best commercial white, $5.00 100; $40.00 1000. Cash with order.
P. E. Woodward, So. Framingham, Mass.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cutings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Mrs. Fisher carnations for summer blooming; rooted cuttings or 2-in. stock, ready now.
Geo. A. Kuhl, Pekin, Ill.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

50,000 rooted carnation cuttings. Our stock is excetionally fine. Send for list of varieties and prices.
C. Akehurst & Son, White Marsh, Md.

Fair Maid, Boston Market, $2.50 a 100. Other varieties on application. Also unrooted.
Otto Bourdy, Lowell, Mass.

Carnation Lawson now ready, $2.00 per 100, well rooted from healthy plants.
Crown Point Floral Co., Crown Point, Ind.

Rooted carnations now ready. For varieties and prices see our displayed adv.
California Carnation Co., Loomis, Cal.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Loomis, Cal.

CHRYSANTHEMUMS.

Stock plants. Chrysanthemums White Bonnaffon, Yellow Bonnaffon, White Jones, Yellow Jones, Mrs. R. McArthur, Mrs. N. Molyneux, White Erminilda, Pink Erminilda, S. T. Murdock, Black Hawk, Intensity, Cullingfordii, Brutus, Col. D. Appleton, H. A. Parr, J. E. Lager, October Sunshine, Monrovia, O. P. Bassett, Sunstone, Pride, H. Robinson, Nellie Pockett, Mrs. H. Weeks, Ivory, Silver Wedding, Belle of Castlewood, Rose Owen, 75c per doz.; $5.00 per 100. GEO. ATKINSON, Orange, N. J.

Chrysanthemum stock plants of Barclay, Kalb, Polly Rose, Willow Brook, Mrs. McArthur, White Bonnaffon, Glory of Pacific, Adela, Maud Dean, Lavender Queen, Major Bonnaffon, J. K. Shaw, Appleton, T. Eaton and Cullingfordii. Good strong plants, $1.00 doz., $8.00 100.
Rooted cuttings and plants in pots, ready March 1. A. N. Pierson, Cromwell, Conn.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.
Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.
Joseph Bancroft & Son, Cedar Falls, Iowa.

Stock mums. Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton, Pacific, Shaw, Dean, Perrin, Lav. Queen, Whildin, Golden Wedding, well furnished with strong, healthy cuttings, $4.00 100. Chamberlain, white Bonnaffon, $10.00 100. W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemums, extra strong stock plants, as follows: 450 White Ivory, 75 Pink Ivory, 175 Robinson, 300 White Bonnaffon, 350 Yellow Bonnaffon, 100 Timothy Eaton and 75 Col. Appleton; $5.00 per 100.
Theodor Leonhard, Paterson, N. J.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c. doz., $4.00 100.
John Brod, Niles Center, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Hardy pompon chrysanthemum list of over 100 varieties now ready. Ask for it. Orders booked now for spring.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of Appleton, Eaton, Robinson, Hardy, Pres. Smith, Pacific, Hawk, 2c; transplanted, 2½c.
Wm. H. Stenger & Son, Granville, O.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.
Louis Derocher, Avon, Mass.

Write for our preliminary price list of 1904 novelties and other desirable kinds.
H. Weber & Sons, Oakland, Md.

Stock mums of Merry Christmas, 10c; $1.00 doz. Poehlmann Bros. Co., Morton Grove, Ill.

Appleton, Ivory, Bonnaffon, 5c each.
Otto Bourdy, Lowell, Mass.

CINERARIAS.

Cineraria hybrida. Fine, clean, ready for a shift, 3-in., 4c; 4-in., 7c. Cash.
Central Greenhouses, Sandusky, Ohio.

CLEMATIS.

Clematis, leading var., stroog, true to name, $25.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus—rooted cuttings, 50c 100; 60c by mail; $4.00 1000. Crimson Verschaffeltii in large quantities, Golden Bedder and other varieties. Cash with order. C. Schulze & Son, 261-275 Lawrence St., Flushing, N. Y.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., 35c doz.; $1.50 100. Cash. Dann & Son, Westfield, N. Y.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas by the 1000. Get my prices.
F. H. KRAMER, Washington, D. C.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CYCLAMEN.

Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Cyclamen. Fine plants in bloom, 6-in., $0.00 doz.
Geo. A. Rackham, 880 Van Dyke, Detroit, Mich.

Cyclamen, well set, with buds, $12.00 per 100.
C. Winterich, Defiance, O.

DAHLIAS.

Dahlias. Ten gold medals awarded in 1903. Pot roots for shipment at once. Every section, including the popular Cactus DAHLIAS, $4.00 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 100. Terms cash. 144-page catalogue free.
Hobbies Limited, Norfolk Nursries, Dereham, Eng.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.
J. K. Alexander, East Bridgewater, Mass.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting, 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.
HENRY A. DREER, Philadelphia, Pa.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Dahlias. 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Single Dahlias, sep. colors mixed, $3.00 100. Cash please.
H. Ernst & Son, Washington, Mo.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DEUTZIAS.

Deutzia gracilis, fine, pot-grown, $15.00 100.
D. Lemoinei, pot-grown, $20.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

DRACÆNAS.

Dracaena Bruanti, just the right plant for decorative purposes, 25 inches high, full of foliage from top to bottom, 6-in. pots, 50c or $5.00 doz. Cash please.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena Sanderiana, 5 to 6 ins. high, in 2½-in. pots, $10.00 per 100.
CHAS A. KNAPP, Mermaid, Chestnut Hill, Philadelphia, Pa.

Dracaena indivisa, 3½-in., $6.00; 3-in., $4.00 100. Binley, The Florist, Glens Falls, N. Y.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

FERNS.

Piersoni ferns by the 1000 at dead easy prices for spring delivery. Get my confidential prices. Get my price list for palms and ferns before buying, free for the asking.
F. H. KRAMER, Washington, D. C.

Piersoni and Boston ferns. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.
4-in. pots .....$0.50 each, $5.50 doz.
5-in. pots ..... 0.75 each, 8.50 doz.
7-in. pots ..... 2.00 each, 23.00 doz.
8-in. pots ..... 2.75 each, 32.00 doz.
For larger specimen plants, prices on application.

FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

PIERSONI, FOSTER AND BOSTONS.
PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.
ANNA FOSTER ferns, 2½-in., $5.00 per 100, $40.00 per 1000; 3-in., $8.00 per 100; 6-in., 75c each; 7-in., $1.00 each.
BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $5.00 100; 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

Nephrolepis exaltata Bostoniensis. We are booking orders now for spring delivery. Place your order and secure stock. Have a few thousand ready for immediate delivery. Nice, young plants, $15.00 per 1000. Send P. O. orders on Little River.
Soar Bros., Little River, Fla.

Alsophila australis, specimen plants in 6-in. pots at $1.00 each. Lomaria gibba, 6-in. pots, 25c each; the above are a snap. Mixed ferns for ferneries at $3.00 per 100. Get our snap prices for Piersoni ferns for spring delivery. Terms cash. F. H. KRAMER, Washington, D. C.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-in., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Ferns, a general assortment for fern dishes, in 3-in. pots, $6.00 per 100 and worth the money.
CHARLES A. KNAPP, Mermaid, Chestnut Hill, Philadelphia, Pa.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Fern balls, 1at size, 6-in., 25c ea.; $2.25 doz., $14.00 100. Extra large, 7 to 9-in., 35c ea.; $3.00 doz., $22.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns, 7-in., very large, bushy specimens, $1.00 each. Cash please.
Godfrey Aschmann, 1012 Ontario St., Phila.

A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, 2½-in., $4.00 100.
The Storrs & Harrison Co., Painesville, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100.
J. C. Schmidt Co., Bristol, Pa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

FUCHSIAS.

Fuchsia rooted cuttings. All propagated from sets costing from $3.00 to $5.00 per set last season. Also Mrs. E. G. Hill, Black Prince, etc., $2.00 per 100. Cash with order, please.
Mrs. B. Merkel & Sons, Box S, Carlstadt, N. J.

Fuchsias, in variety, 2¼-in., 50c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

GERANIUMS.

All rooted cuttings booked for this month with the exception of S. A. Nutt, Hill, Viaud, Buchner, Patteras, Mrs. Gaar, Charotte, Adrian, Refeber, Sec. de Chatenay, Landry, Chalfaut, Mme. Bruant, $10.00 per 1000. Charles Gervais, the best dbl. rose pink, $3.00 per 100. Fine transplanted S. A. Nutt and Beauty Poitevine, 10,000 of each, $15.00 per 1000. Strictly cash with order.
PETER BROWN, Lancaster, Pa.

Geraniums from 2¼-in., $2.00 per 100. Ricard, Poitevine, Hill, Heteranthe and La Favorite can supply by the 1000. The following in 100 to 500 lots: Perkins, Dryden, Viaud, Mme. Jaulin, De Castellane, Marvel, Mrs. J. M. Gaar, Queen of West, Mrs. A. Blanc, Mme. Bruant and type. Pot-bound stock from which a cutting can be taken in a short while. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

50,000 strong, pot-bound 2¼-in. Nutt, La Favorite, Buchner, Heteranthe, Perkins, double and single Grant, $20.00 1000. Ricard, Hill, Poitevine, Jean Viaud, de Boisdeffre and others, $2.50 100. Trego and Little Pink, $5.00 100. Also R. C. and 2-in. of all bedding plants in season. Prices right. Cash with order.
Ludwig Mosbaek, 85th St., near So. Chicago Ave., Chicago, Ill.

Geraniums. Nutt, Marvel, Mme. Barney, Jean Viaud, La Favorite, Heteranthe, etc., 2½-in., $2.50 100; $20.00 1000. Le Soliel, Mme. Jaulin, John Doyle, Fleur de Roze, Ricard, Poitevine, Mrs. E. G. Hill, Vera Vend, etc., 2½-in., $3.00 100; $25.00 1000.
Our selection of varieties, to include many of the new sorts, $2.50 100; $25.00 1000.
The Storrs & Harrison Co., Painesville, O.

Geraniums, fine 2½-inch pots, $2.50 100; $20.00 1000. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol, Bridoux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Bucharle's White, Tamative, Gloire Bondeau, Alphonse Ricard.
NATIONAL PLANT CO., Dayton, O.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Geranium cuttings from plants on bench, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevaliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

New geraniums, nothing finer anywhere. Double Dryden, Governor Stone, Goliath, Little Red Riding Hood. The set of four mailed for 50c, $8.00 per 100 by express. Send for descriptive list. Cash, please.
Henry Eichholz, Waynesboro, Pa.

Geraniums. 2000 to 3000 extra fine 2½-in. plants, Sept. struck, standard varieties, $2.50 per 100; $22.50 per 1000. Will exchange for rooted cuttings of Crane, Palmer, Enchantress or good variegated.
Myers & Co., Bluffton, Ind.

Geraniums, R. C., S. A. Nutt, Poitevine, Landry, Buchner, Viaud and others, $12.00. Also a few sets costing $3.00 per set last season. Will sell per set of 25 for $1.00. Cash with order, please.
Mrs. B. Merkel & Sons, Box S, Carlstadt, N. J.

Geraniums, R. C., Poitevine, Hill, Ricard, Grant, La Favorite, mixed, $1.50 100, $12.00 1000. Ivy geraniums, mixed, 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

Geraniums. Best semi-double beddera in scarlet, pink, white, salmon, strong R. C., $1.50 100. Cash. Buckley Plant Co., Springfield, Ill.

Geraniums, 12 good varieties, 2-in., our selection, $2.00 100, $15.00 1000. Cash or C. O. D.
St. Louis Carnation Co., Clayton, Mo.

Geranium rooted cuttings, leading kinds and colors, true to name, $2.00 100; $15.00 1000.
Frank A. Pierson, Cromwell, Conn.

Fine plants of rose geraniums, 2½-in., $2.50 per 100. Also a large lot of best mixed.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, best bedders, $15.00 per 1000. Mme. Sallerol, $15.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Rooted cuttings of Nutt, Bruant, Viaud, Perkins, La Favorite, 1½c; 2-in., 2½c.
Wm. H. Stenger & Son, Granville, O.

300 Nutt, 2¼-in., ready to shift, at $2.25 per 100. Cash.
C. M. Schaefer, 353 E. 5th St., Dayton, O.

Geraniums, 10 varieties, $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

GLADIOLI.

Gladioli. Having more small gladioli than I wish to plant, I offer about 300,000 at following prices:

	1000
Groff's hybrids, ⅝ to ⅞-in. diam.	$2.50
Groff's hybrids, ⅜ to ⅝-in. diam.	1.50
Groff's hybrids, ¼ to ⅜-in. diam.	1.00

May and Lemoine's hybrids, same size as Groff's, at $2.00, $1.25 and 75c per 1000. Gladioli, in fine mixture, all classes, ⅝-⅞-in., $1.50; ⅜-⅝-in., $1.00; ¼-⅜-in., 50c per 1000. The smallest of these will generally flower the first year, under favorable conditions. Bulblets of gladioli, per bushel, at low rates.
Ismene calathina, small bulbs, $3.00, $1.00 and 50c per 100, acording to size.
Stokesia cyanea, the splendid, new, hardy, herbaceous plant, fine, $1.00 per doz.; $6.00 per 100 by mail.
E. Y. TEAS, Centerville, Ind.

GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.
ARTHUR COWEE, Meadowvale Farm, Berlin, N. Y.

Gladiolus bulbs. 50,000 each of first and second size; common, mixed stock, grown from seedlings that had a few choice varieties—less than 1 per cent—taken out. Grown by a neighbor who sells the blooms. Price away down.
M. Crawford, Cuyahoga Falls, O.

Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.
CLUCAS & BODDINGTON CO., 342 Greenwich St., New York.

Gladiolus bulbs. Shakespeare, Augusta, Grand Rouge, May, Eugene, Scribe, Mrs. Beecher, Ben Hur; also No. 1900.
John Fay Kennell, Box 405, Rochester, N. Y.

My XX stock is the best obtainable. Send postal for an account of it.
M. Crawford, Cuyahoga Falls, O.

Gladioli. Augusta, 1sts and 2nds; Groff's, small. Mrs. A. H. Austin, R. D., Wayland, O.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

Boxus sempervirens, pyramids and standards, 4 ft. high, $150.00 100. Magnolia in var., to name, well budded, $150.00 100. Aristolochia, Dutchman's pipe, strong plants, $40.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
Peterson Nursery, 164 La Salle St., Chicago.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longadorf, Floradale, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Hardy rhododendrons, azaleas, clematis, shrubs, conifers, etc. Send for our catalogue.
Van der Weijden & Co., Boskoop, Holland.

Biota Rosedale in all sizes. This is the best florists' evergreen.
Furrow Bros., Guthrie, Okla.

A fine assortment of conifers on hand. Write me for prices.
F. W. O. Schmitz, Prince Bay, N. Y.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

Rudbeckia Golden Glow, strong roots, 5c.
W. H. Salter, Rochester, N. Y.

HELIOTROPES.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

HIBISCUS.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HONEYSUCKLES.

Lonicera, extra strong, $25.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

HYDRANGEAS.

Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

HYDRANGEAS—Continued.

HYDRANGEAS, field-grown, dormant plants, suitable for 6-in. pots. OTAKSA, $3.50 per doz., $25.00 per 100. THOS. HOGG, $3.00 per doz., $20.00 per 100. MARIESII, $2.00 per doz., $15.00 per 100. RED BRANCHED, $3.50 per doz., $25.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

THOS. HOGG, with 5 to 7 flowering crowns, $10.00 per 100. RED BRANCHING, with 4 flowering crowns, $8.00 per 100. Stocky, open-air plants, suitable for 6-in. pots.
JACKSON & PERKINS CO., Newark, New York.

Hydrangea pan, grand., bushy, 5c.
W. H. Salter, Rochester, N. Y.

IVY.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100. $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please.
Godfrey Aschmann, 1012 Ontario St., Phila.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LEMONS.

Ponderosa lemons, 2½-in., $3.00 100.
The Storrs & Harrison Co., Painesville, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

LILY OF THE VALLEY.

The finest in the market for early forcing, $1.50 100; $12.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
H. N. Bruns, 1409 W. Madison St., Chicago.

S. & W. Co.'s famous RUSSIAN VALLEY can be procured only from us. The genuine has our trade mark registered label inside and in sealed cases only.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley pips, the largest and finest imported. Special price.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cut lily of the valley of good quality always on hand.
August Jorgens, 134 Herndon St., Chicago.

MOONVINES.

Moonvines, blue, 2¼-in., 50c doz.; $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ORANGES.

Otaheite oranges, 2½-in., $3.00 100.
The Storrs & Harrison Co., Painesville, O.

ORCHIDS.

Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PALMS, ETC.

Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100, $50.00 1000. Cocos Weddelliana, good strong plants, 3-in., $15.00 100. We have a fine lot of made-up plants of Arecas and K. Belmoreana. Let us quote you prices.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Kentia Forsteriana and Belmoreana, 20 inches high and upwards, 6-in. pots, good for decorations, slightly damaged, 60c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Latania borbonica, Areca lutescena, Kentia Forsteriana and Belmoresna, Phoenix canariensis, Pandanus utilis. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Palms. Cocos Weddeliana, 2½-in., $10.00; 3-in., $15.00 1000.
The Storrs & Harrison Co., Painesville, O.

Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each.
F. W. O. Schmitz, Prince Bay, N. Y.

Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PAMPAS PLUMES.

Pampas plumes, cheap in quantity.
A. Puetz, Greenland, Fla.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansy plants, 50c 100; $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please.
H. Ernst & Son, Washington, Mo.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Pelargoniums, mixed, out of 2½-in., $2.00 100.
J. C. Schmidt Co., Bristol, Pa.

PEONIES.

Dbl. herbaceous peonies, 2 to 5 eyes. Pink—$1.25 doz., $7.00 100. White—$1.25 doz., $8.00 100. Dark red—$1.25 doz., $7.00 100. Mixed—$1.00 doz., $6.00 100. By mail, add 25c to doz. rates.
Johnson & Stokes, 217-219 Market St., Phila.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 164 La Salle St., Chicago.

PETUNIAS.

Rooted cuttings of double petunias. All the latest varieties, including Dreer's and the largest white in the market, $2.00 per 100. It will pay you to get these instead of buying common stock. Cash with order, please.
Mrs. B. Merkel & Sons, Box 8, Carlstadt, N. J.

DREER'S DOUBLE FRINGED PETUNIAS. 15 choicest varieties, 3-in. pots, 75c per doz., $6.00 per 100; the set of 15 varieties, for $1.00.
HENRY A. DREER, Philadelphia, Pa.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Petunias, mixed var., 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

POINSETTIAS.

POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100.
C. Frueh & Sons, Hoyt Ave., Saginaw, Mich.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Primula obconica, white, pink, red, 3-in., 4-in., 5-in., 6-in. Full bloom. Write for prices.
C. D. Zimmerman, Buffalo, N. Y.

Primula obconica, fine plants, 3-in., $5.00 100. Cash. Converse Greenhouses, Webster, Mass.

Primroses. Chinese and obconica, $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Primula obconica, fine 4 and 5-in., $12.00 and $20.00 per 100. C. Winterich, Defiance, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

California privet, 1 yr., 18 to 24 in., very bushy, $11.00 1000; 1 yr., 12 to 18 in., well branched, $8.50 1000.
Furrow Bros., Guthrie, Okla.

California privet, fine, 5c.
W. H. Salter, Rochester, N. Y.

RHODODENDRONS.

Rhododendrons, hybrids for forcing, $45.00, $90.00 and $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

RHODODENDRONS for EASTER FORCING. A fine lot of bushy plants of early flowering varieties, especially suited for Easter flowering. 18 to 24 inches high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 inches high, $1.50 each, $15.00 per doz., $115.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

ROOTED CUTTINGS.

Pelargoniums, 15 var., named, $2.25 100. Verbenas, choice named var., 60c 100, $5.00 1000. Petunias, named, dbl., $1.25 100, $10.00 1000. Heliotropes, $1.00 100, $8.00 1000. Salvias, $1.00 100, $8.00 1000. Giant alyssum, $1.00 100. Ageratums, 60c 100, $5.00 1000. Coleus, 70c 100, $6.00 1000. Express prepaid. Cash with order.
S. D. Brant, Clay Center, Kan.

Impatiens Sultani, Anthemis coronaria, $2.00; fuchsias, best kinds and Mme. Salleroi geraniums, $1.50 per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

ROSES

Rooted rose cuttings.

	100	1000		100	1000
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.
Benuties, 2-in. $5.00 100; $40.00 1000
Beauties, 3-in. 6.00 100; 50.00 1000
Benuties, 4-in. 7.50 100; 60.00 1000
Teas, 2-in. 2.50 100; 20.00 1000
Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Roses for winter forcing. Ideal (improved La France), Franz Deegen (yellow); Catherine Guillot (orange red); Ma Capucine (nearest to scarlet); Snowball (pure white), useful for trimming. This collection of 10 plants each, out of 2-in. pots, 50 plants, $5.00.
Albert Knapper, Rose Farm, Ambler, Pa.

CRIMSON RAMBLERS, XXX, 4 to 5 ft., $15.00 per 100, $135.00 per 1000. Sound, well ripened, Northern-grown plants. Good assortment of other field-grown roses. Send for price-list.
JACKSON & PERKINS CO., Newark, New York.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

Rooted rose cuttings.

	100	1000		100	1000
Bridesm'd	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	G. Gate	1.50	12.50
Ivory	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Field-grown La France, 15 to 24 inches, top. Crimson Ramblers, 2 to 3 feet. Both on own roots, fine for forcing or pots, $10.00 100. Express prepaid. Sample 25c. Cash with orders.
Hoffman Bros., Portland, Oregon.

ROOTED ROSE CUTTINGS. American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100.
J. L. Dillon, Bloomsburg, Pa.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Roses. All the leading varieties in 2x2½ and 2½x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Roses. 5 best forcing var. roses, rooted cuttings, $12.00 1000. Beauties, $30.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stocks, $12.00 to $15.00.
C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, fine, strong plants; 6-in. pots, 20 to 25 inches high, $4.00 to $5.00 doz. Extra fine stock, 50c each; doz., $6.00; 5½-in. pots, 18 to 20 inches high, good stuff, 25c to 30c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias Bonfire and St. Louis, rooted cuttings, 75c 100. E. R. Randolph, Delavan, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsll, Summit, N. J.

SEEDS.

Flower seed for present planting.

	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed....	$0.25	$0.50	$1.50
Salvia nana comp, Bonfire....	.25	.75	2.50
Pyrethrum Golden Feather....	.15	.30	1.00
Petunia—			
Large-flowering, fringed, mxd.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue was mailed Jan. 1. If you did not receive a copy write for one.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

ASPARAGUS SEED—CROP 1903.
Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50.
Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

GROWER and CONTRACTOR of tomato seed to the trade. We are the originator of the Royal Red Aristocrat, Maule's Enormous, Maule's Success and Maule's New Magnificent tomatoes. We have a surplus of the following: 125 lbs. Royal Red, 218 lbs. Maule's Success, 17 lbs. French Marvel, fine stock at $1.00 per lb. to the trade only. 75 lbs. Ohio-grown Rocky Ford Gem melon, at 25c per lb.
M. M. Miesse, Lancaster, O.

CALIFORNIA SEEDS. Native plants. Oz.
Butterfly tree poppy, yellow flowers.....25c
Matilija poppy, white flowers.....15c
White-rose poppy, white flowers.....15c
Golden bleeding-heart, golden flowers.....20c
Cardinal larkspur, red flowers.....25c
Red-berried pepper bush.....10c
W.G. WRIGHT, 445 F St., San Bernardino, Cal.

New crop JOHNSON & STOKES' choice flower seeds. Our seeds are selected with the greatest care, and can be depended upon to be the very best obtainable. For varieties and prices see our displayed adv. in this issue. Send for our new illustrated catalogue, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. New crop all leading flower seeds ready. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Fresh flower seeds for early sowing. New crop seeds daily arriving from leading growers both at home and abroad. Send for preliminary price list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

A complete assortment of VEGETABLE and FLOWER seeds. Our 1904 trade list is now ready.
J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Grass, clover, agricultural and forest tree seeds. Prices and samples on application.
A. Le Coq & Co., Darmstadt, Germany.

New French mammoth verbena seed, 50c per 1000 seeds.
John F. Rupp, Shiremanstown, Pa.

Ardisia crenulata seed, $3.00 1000. Cash.
Emil Leuly, West Hoboken, N. J.

Citrus trifoliata, 35c per lb., by mail.
A. Puetz, Greenland, Fla.

SHAMROCKS.

Irish shamrock, strong plants, $4.00 100, or 60c doz., by mail.
John F. Rupp, Shiremanstown, Pa.

SMALL FRUIT PLANTS.

The new Commonwealth is better than Marshall and so late that it extends the strawberry season a week or more. Plants, $4.00 per 100. Geo. E. Ward, Beverly, Mass.

Burbank's Phenomenal berry and Mammoth blackberry plants for sale. Write for terms.
I. M. Shepherd, Fairoaks, Cal.

SMILAX.

1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.50 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, 15c per string.
A. N. Pierson, Cromwell, Conn.

SPIRÆAS.

Spiraea japonica, $3.50 100; compacta multi. and astilboides, $4.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

STEVIAS.

Stevia stock plants, bench or pots, 75c doz., $5.00 100. John Brod, Niles Center, Ill.

VEGETABLE PLANTS.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

LETTUCE PLANTS, Grand Rapids, free from disease and green fly; small plants, $1.00 per 1000. Transplanted, $2.50 per 1000. Cabbage, celery, tomato and parsley plants in season.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Forcing lettuce, strong transplanted, ¼c.
Wm. H. Stenger & Son, Granville, O.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Choice stock of vinca major in 3 and 4-in. pots. Write for prices.
Wagner Park Conservatories, Sidney, O.

Vinca var., 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Violets. Ready now, 20,000 rooted runners of Princess of Wales; fine, clean stock, $4.00 per 1000.
Crescent Ave. Floral Co., Grand Rapids, Mich.

WANTED.

Wanted—The address of dealers in fish foods, grasses, globes and jardinieres. A. J. Lantermier, 1713 Walton Ave., Ft. Wayne, Ind.

Wanted.—Bouvardia, cuttings or stock plants. State colors and price. Address No. 32, care Florists' Review, Chicago.

Wanted—1000 rooted or unrooted cuttings of Antbericum vitatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

TO EXCHANGE

To Exchange—We offer cannas, tuberoses, gladioli, geraniums, rose geraniums, heliotropes and cinerarias for 2-in. roses, A. plumosus and small palms.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Geraniums, extra fine, 2½-in. Sept. struck plants, standard varieties at $2.50 100; $22.50 1000 for rooted cuttings of Crane, Palmer, Enchantress or a good variegated.
Myers & Co., Bluffton, Ind.

To Exchange—15 varieties of carnations in exchange for rooted cuttings of bedding plants. Also merchandise in exchange for rooted cuttings or plants of any kind. Address No. 30, care Florists' Review, Chicago.

To Exchange—For rooted carnation cuttings, 100 or less apple trees, 3 years, 6 to 7 feet; vincas from 3-in. pots; winter gem roses, field-grown. G. L. Tyler, Du Bois, Pa.

To Exchange—Asparagus Sprengeri, 2¼-in., and Primula obconica, 3½-in., for roses, geraniums, carnations, palms, ferns, etc.
Samuel Whitton, Utica, N. Y.

CANE STAKES.

Bamboo canes, 6 to 8 ft., $6.00 1000.
Wm. Elliott & Sons, 54 Dey St., N. Y.

Cane stakes, 6 ft., $3.00 1000.
Wm. K. Nelson, Augusta, Ga.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., Chicago.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Fancy and dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellonris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
C. W. Burleson & Son, Linville, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

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GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

BUSINESS BRINGERS—
Review
Classified Advs.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

HOSE.

Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems and siftings for sale. Write
Swisher Bros., Newark, O.

NICOTICIDE kills all greenhouse pests.
Sold by all seedsmen.

Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

LABELS.

Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

PAINTS.

PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

POT HANGERS.

Chessman's adjustable pot hanger, 85c doz. Fits any size pot. Write
H. C. Chessman, Richmond, Ind.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres. F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE Commonwealth strawberry is in the same class as Marshall, but later, its season being from July 1 to 20.

HIRAM P. DEAN, Franklin, Ind., has taken ex-Representative Billingsly as a partner in his nursery business.

W. F. HEIKES, of the Huntsville Wholesale Nurseries, is president of the Alabama State Horticultural Society and has issued a call for the annual meeting at Mobile January 26 and 27.

JOSIAH HOOPES, senior member of the firm of Hoopes Bro. & Thomas, Westchester, Pa., died January 17, aged 72 years. He was born at Westchester and was known throughout the United States for his practical writings on horticultural topics.

THE John G. Moore Co., Terrell, Tex., has been incorporated to do a general nursery business; capital stock, $8,000; incorporators, Mrs. S. V. Moore, T. P. Ware, W. L. Martin, J. E. Trice and G. C. Jones.

California Privet...

	Per 1000
12,000, 1 year, 18 to 24-inch, very bushy	$11.00
15,000, 1 year, 12 to 18 inch, well branched	8.50

CANNAS, Strong Eyes.

	Per 100	Per 1000
5,000 Egandale	$1.00	$8.00
5,000 Charles Henderson	1.00	8.00
5,000 Chicago	1.00	8.00
2,000 Florence Vaughan	1.00	8.00
2,000 Mme. Crozy	1.00	8.00
15,000 Austria	.75	5.00

We also have 6,000 Biota Rosedale in all sizes. This is the best florists' Evergreen in the list. Our stock will please you.

FURROW BROS., Guthrie, Okla.

Peterson Nursery,
164 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety
Send for our Wholesale Price List.

Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
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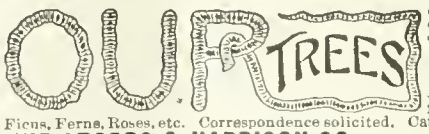

etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of
Fruits and Ornamentals.
40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.
THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

FLORISTS, NURSERYMEN, AND SEEDSMEN
who read the *new* American Gardening, learn what is doing in the Public Parks and Private Places throughout the country. A large space is devoted each week to news items covering these two features.
AS AN ADVERTISING MEDIUM ✕ ✕ ✕
AMERICAN GARDENING BRINGS RESULTS.
It reaches those who spend the money; wealthy amateurs, private gardeners, and park superintendents.
Under New Management. Improved and Up-to-date.
Published weekly. $1.50 Per Year. Sample copies free.
American Gardening Co. (Inc.), 136 Liberty St., New York.

Carnation Rooted Cuttings. NOW READY.

WE ROOT 100,000 A WEEK.

Terms cash or C. O. D., with privilege of examining at your express office.

	Per 100	1000
5000 Violania, 4-in. bloom, var.	$12.00	$100.00
9000 Mrs. Theodore Roosevelt pink	5.00	45.00
2000 Tiger, fancy	5.00	45.00
40000 Success, La France, pink	4.00	35.00
15000 Alba, big white	3.40	30.00
10000 Wolcott, white	3.40	30.00
8000 Apollo, scarlet	3.50	30.00
5000 Estelle, scarlet	3.00	25.00
5000 Los Angeles, white	3.00	25.00
10000 Golden Beauty, yellow	2.00	18.00
4000 Gold Nugget, yellow	$1.50	$14.00
4000 Stella, var	3.00	25.00
30000 Mrs. Lawson, pink	1.40	12.50
42000 Queen Louise white	1.20	10.00
25000 Flora Hill, white	1.20	10.00
10000 Norway, white	1.20	10.00
7000 Lorna, white	1.20	10.00
38000 Mermaid, free salmon pink	1.20	10.00
50000 G. H. Crane, scarlet	1.20	10.00
42000 America, scarlet	1.20	10.00
45000 Mrs. Potter Palmer, big red	$1.20	$10.00
60000 White Cloud, white	1.00	9.00
30000 Eldorado, yellow	1.00	9.00
41000 Marquis, light pink	1.00	9.00
10000 Genevieve Lord, pink	1.00	9.00
20000 Argyle, pink	1.00	9.00
25000 Gen. Gomez, crimson	1.00	9.00
27000 Armazindy, var	1.00	9.00
5000 Viola Allen, var	3.00	25.00

25 at 100 rate. 250 at 1000 rate. Express prepaid by us at above price.

Hybrid Seed, mixed, of above varieties, $1.00 per 100; $9.00 per 1000. All orders are packed on arrival to stand 30 degrees below zero.

CALIFORNIA CARNATION CO., A. MITTING, Manager. LOOMIS, CAL.

PACIFIC COAST.

LOOMIS, CAL.—Al. Pendleton, of the Loomis Carnation Co., has about 5,000 feet of glass and is propagating carnations extensively, having more than 200,000 now ready to ship.

SAN FRANCISCO.

The Market.

The weather has been mild enough during the past week to suit any one. We have had only a few slight frosts and flowers continue fairly plentiful. Business has been quiet with all the retailers, so that there is an abundance of stock to meet all requirements. The quotations I gave last week have not changed materially, although I expect to see carnations somewhat cheaper in a few days. Tulips, especially the Rembrandt variety, have made their appearance in most of the stores and are selling at 50 cents per dozen. The florists generally pack about a half dozen in a 6-inch flower pot and retail it for 75 cents. As a great many growers have planted heavily in tulips I expect an avalanche of them in a couple of weeks, especially of Keizerskroon. Valley is in good demand and of good quality. I am inclined to think they have been a very profitable crop for the growers thus far this season. Maiden hair fern is very scarce and as there is quite a shortage of the wild variety, owing to the want of sufficient rain and the cold winds, the florists have had to use much asparagus and other greens in consequence. Mums are holding their own splendidly and I do not know what the florists would do without them, especially in funeral work. The outdoor, cheap flowers have disappeared almost entirely except narcissi, and it will be many weeks before much else is offered. Chrysanthemums, however, are good, both in stem and flower and are selling at from $2 to $4 per hundred.

Various Notes.

Matraia & Bertrand have leased a large store in the new Flood building into which they will move when the edifice is finished. This firm is one of the most enterprising on Powell street, and the location of their new store will be second to none in town.

Rosaia & Rossi have established themselves in good shape in the store vacated by A. Hilbert, on Geary street. They have taken in the next door premises as well and are making a good showing.

The finest exhibit of azaleas in bloom here is to be seen at Sievers & Boland's on Post street.

The Sempervirens Club of California, the parent organization of many sectional clubs in the state, held its annual meeting in the conservatory of the Palace hotel yesterday afternoon. John McNaught made an interesting and practical address upon forestry reform. The meeting closed with the election of new officers, the regular ticket going through without opposition.

The Realty Syndicate has donated to the city of Oakland 200 palm trees to be used in beautifying the streets in the vicinity of Sixteenth street station.

Wm. J. Dingee, the newly appointed park commissioner, has been dangerously ill for the past week, but is reported today as convalescent. G.

WE are great admirers of the REVIEW.—H. O. HANNAH, Sherman, Tex.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1 20	$10.00	$ 40 00
Flora Hill	1 20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125 00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3 00	25 00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40 00
Mermaid	1.20	10 00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5.00	45 00	200.00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10.00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65 00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40 00
Apollo	3.50	30.00	125 00
Adonis	7.00	65 00	300 00
Crimson			
Harlowarden	5 00	45 00	200.00
Gov. Roosevelt	1.20	11 00	50 00
Yellow			
Eldorado	1.00	9 00	35.00
Variegated			
Marshall Field	5.00	45.00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Galety	3 00	25.00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination;** we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

Now Ready **CARNATIONS** For Shipment.

Best and most strongly rooted Carnations on the market.

White.	Per 100	1000	5000
Queen Louise	$1.20	$10.00	$40.00
Wolcott	3.40	30.00	125.00
White Cloud	1.10	9.00	35.00
Scarlet.			
America	1.20	10.00	40.00

Pink.	Per 100	1000	5000
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35.00
Mrs. Joost	1.20	10.00	40.00
Crimson.			
Gov. Roosevelt	1.20	11.00	50.00

Variegated.	Per 100	1000	5000
Armazindy	$1.00	$9.00	$35.00
Prosperity	1.40	12.50	60.00

Express prepaid to any destination. Satisfaction guaranteed or your money back.

Loomis Carnation Co., Lock Box 115 Loomis, Cal.

Mention Review when you write.

RICHMOND, IND.

Richmond is still in the push, notwithstanding there have not been many communications appearing of late from this point. All the retailers report an exceedingly heavy trade at good prices during the holidays, and everything sold out clean. The wholesalers were unable to supply all demands made upon them. Good prices as a rule were obtained all along the line.

At the annual meeting of the Richmond Florists' Club, held at the greenhouses of the B. K. & B. Co., the following-named gentlemen were elected as officers of the club for the ensuing year: President, Geo. R. Gause; vice-president, Chas. Knopf; secretary, H. C. Chessman; treasurer, John A. Evans. At the December meeting it was suggested that some member prepare a paper to be read before the club at the January meeting. The president appointed Fred H. Lemen to prepare such paper, he to choose his own subject, and appoint some one to prepare the paper for the meeting in February, and each one to appoint his successor.

There are many promising seedlings being brought forward by the different florists in this vicinity, both by the proprietors of the various greenhouses, as well as the boys in the trenches. There have been several at the E. G. Hill Co.'s place recently, one of whom calls, or will call, "E. G." grandpapa. The three Fulle brothers are well represented. B. H. Schroeder, foreman for Chessman & Schepman, is the latest, a twelve-pound boy.

H. C. C.

Beloit, Wis.—C. A. Reynolds assaulted A. Manahan, for whom his daughter formerly worked, and was arrested.

Syracuse, N. Y.—William J. Reddy, for many years an employe of P. R. Quinlan & Co., died January 12, aged 70 years.

Grand Rapids, Mich.—Herman Potter has benght a two-acre tract upon which he will at once invest $10,000 in greenhouses to grow cut flowers for the Chicago market.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention the Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

UNROOTED CARNATION CUTTINGS!

	100	1000		100	1000
Mrs. Lawson	$1.25	$10.00	Prosperity	1.25	10.00
Flora Hill	1.00	7.50	Lillian Pond	2.00	15.00
Queen Louise	1.00	7.50	Success	2.00	15.00
Dorothy	1.00	7.50	The Queen	2.00	15.00
Fair Maid	1.25	10.00	Enchantress	3.00	25.00
Roosevelt	1.25	10.00	Challenger	1.25	10.00

Carnation Cut Blooms, first class, $2.50 per 100.

All healthy stock.

UTICA FLORAL CO., Utica, N. Y.

Mention Review when you write.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903, scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit, Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1.50 "	12.50 "
Lorna	2.00 "	18.00 "
Viola Allen	3.00 "	25.00 "
Floriana	2.00 "	18.00 "
Queen Louise	2.00 "	18.00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2.00 "	18.00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

New Crop ASPARAGUS PLUMOSUS AND SPRENGERI SEED.

Carnation Cuttings.

Healthy, Well-rooted Stock.

Lillian Pond	$5.00 per 100	$40.00 per 1000	
Her Majesty	5.00 "	40.00	"
Gov. Wolcott	4.00 "	.....	
Queen Louise	2.00 "	18.00	"
Enchantress	6.00 "	50.00	"
Fair Maid	3.00 "	25.00	"
The Queen	5.00 "	40.00	"
Lawson	3.00 "	25.00	"
Prosperity	3.00 "	25.00	"
Adonis	8.00 "	...	
Estelle	4.00 "	30.00	"
Gov. Lowndes	6.00 "	.....	
Nelson	3.50 "	30.00	"
Mrs. Roosevelt	5.00 "	.....	
McKinley	5.00 "	.....	
Marshall Field	5.00 "	.....	
Golden Beauty	3.00 "	25.00	"

Can also furnish all other good varieties.

Grafted Roses on Manetti Stock.

Bridesmaids	$15.00 per 100	$120.00 per 1000
Brides	15.00 "	120.00 "
Golden Gate	15.00 "	120.00 "
Ivory	15.00 "	120.00 "
Franz Deegen	15.00 "	120.00 "

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

SAMUEL S. PENNOCK,

1612 Ludlow St., Philadelphia.

Mention the Review when you write.

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger, for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, fineat purple, lavender, white and pink sorts, named, 2 year, at 18c; 1 year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine, 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.

Mention the Review when you write.

Rooted Carnation Cuttings.

ENCHANTRESS,
$6.00 per 100, $50.00 per 1000

LILLIAN POND,
$5.00 per 100, $40.00 per 1000

PROSPERITY,
$3.00 per 100, $25.00 per 1000

LAWSON,
$3.00 per 100, $25.00 per 1000

Now Ready.

THE QUEEN for January Delivery
$5.00 per 100, $40.00 per 1000

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries,
LARCHMONT, N. Y.

New Carnations

All of the leading new varieties of 1904 at introducers' prices. The best of last year's varieties and other standard kinds Now Ready.

NEW CHRYSANTHEMUMS

Novelties of 1904 and other desirable kinds.

Write for preliminary price list, ready Jan. 10th.

H. WEBER & SONS, Oakland, Md.

Always mention the Florists' Review when writing advertisers.

CRUSADER

WINNER EVERYWHERE

THE BEST SCARLET CARNATION ever disseminated. Captured Detroit and Philadelphia last week. Portia Scarlet; never bursts, no disease; stronger grower; freer blooming than Lawson and larger flowers. We have booked orders for 30,000 cuttings from January 1 to 10. Ask those who have seen it. Whoever sees it growing places an order. Come and see it. CRUSADER is the best commercial Carnation since Lawson came out. We have an immense quantity of fine quality cuttings, and can still give January delivery. Price, $10.00 per 100; $80.00 per 1,000; 5,000 lots, $70.00 per 1,000; 10,000 lots at $60.00.

OTHER FINE VARIETIES READY NOW, BEST EVER GROWN

	100	1000
Flamingo, grand scarlet,	$12.00	$100.00
Reliance, white, ...	10.00	80.00
Lady Bountiful, white,	12.00	100.00
Indianapolis, cerise, . .	12.00	100.00
The Belle, white, ...	12.00	100.00
Albatross, white, ...	12.00	100.00

BEARDSTOWN, ILL., Dec. 22, 1903.
CHICAGO CARNATION CO., Joliet, Ill.
Dear Sirs—Crusader cuttings arrived all O. K. They are a credit to your business.
Yours respectfully, (Signed) FRANK BROS.

Standard Varieties

	100	1000
WHITE		
Gov. Wolcott, ...	$4.00	$50.00
Her Majesty, ...	5.00	45.00
Lillian Pond, ...	5.00	45.00
VARIEGATED		
Prosperity, ...	2.50	20.00
Marshall Field, ...	6.00	50.00

J. S. Wilson, Vaughan's Greenhouses, writes: "It is a good thing. I was very much impressed with it when at your place."

	100	1000
RED		
Estelle, ...	$3.00	$25.00
Palmer, ...	3.00	25.00
Harlowarden, grandest crimson, ...	6.00	50.00
PINK		
Enchantress, ...	6.00	50.00
President McKinley, .	6.00	50.00
Nelson, ...	4.00	35.00
Lawson, ...	2.50	20.00

CHICAGO CARNATION CO., Joliet, Ill.

JAS. HARTSHORNE, MANAGER.

CLEVELAND.

Announcement is made of the dissolution of the firm of Smith & Fetters, who are one of the leading retailers. E. A. Fetters retires because of continued poor health. He has been obliged to be away from business for a large part of the time recently and his health is such that his physicians advised that he remove to Arizona permanently, whither he has gone with his family.

FLATBUSH BOWLERS.

The prize contest last week must have been a strenuous affair or else some of the prizes must have had knock out drops in them, as only a few of the faithful materialized on Thursday evening. Still, as you will see by the scores below, there is a residue of ability left in the survivors:

Player—	1st	2d	3d	4th	5th	Ave.
Zeller	137	143	145	173	202	160
Irwin	136	139	159	192	161	157
Woeker	151	170	147	151	150	154
Siebrecht	127	139	151	139	135	138
Shaw	135	129	125	151	141	136

Flatbush fully intends to have a shy at first place at St. Louis.

VICTORIA, B. C.—W. Norman says Christmas trade for 1903 was far ahead of 1902.

ANOKA, MINN.—The Pratt-Ford Greenhouse Co. has been incorporated with a capital stock of $50,000. The incorporators are J. W. Ford, J. W. Ford, Jr., and D. O. Pratt. They will operate the Pratt plant.

CLEMENTON, N. J.—Edward Banyard, senior member of the firm of E. Banyard & Son, died January 8, aged 68 years. He had been ill for a week with pneumonia. Mr. Banyard was a native of Woodbridge, England, and came to America in 1864. He had been in the florist trade for thirty-five years. He leaves a son and daughter. The son will continue the business. He formerly lived at Philadelphia, and interment was at Mt. Peace cemetery there.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write.

Chas. H. Totty

CHRYSANTHEMUM GROWER

MADISON, N. J.

Write for list of new Mums.

A. N. PIERSON

CROMWELL, CONN.

THE FOLLOWING GOOD, STRONG

Chrysanthemum

STOCK PLANTS

At $8.00 per 100; $1.00 per doz.

Mrs. Barclay, Geo S. Kalb, Polly Boss, Willowbrook, Mrs. McArthur, White Bonnaffon, Glory of the Pacific, Adele, Maud Dean, Lavender Queen, Major Bonnaffon, J. K. Shaw, Col. D. Appleton, Timothy Eaton, Cullingfordii.

CHRYSANTHEMUM Rooted Cuttings and Plants in pots, ready March 1.

GRAFTED ROSES Now is the time to order them.

CARNATIONS Mrs. M. A. Patten, Nelson Fisher.

Rooted Cuttings of new and leading varieties.

SPECIALTIES IN

Cut Flowers

LILY OF THE VALLEY

Special, $5.00 per 100; No. 1, $3.00 per 100.

LILIUM HARRISII

$15.00 per 100.

Paper White Narcissus, Roman Hyacinths, Tulips, and all kinds of Bulb Stock

Asparagus Plumosus Nanus

50 cents per string.

SMILAX 15 cents per string.

Send for Wholesale List Giving Particulars and Prices.

A. N. PIERSON, - - - - Cromwell, Conn.

Mention The Review when you write.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write.

Carnations

Strong Plants. **Out of Black Soil.**

Flora Hill	per 100,	$2.50	Per 1000,	$20.00
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

Stock in perfect shape and now ready to ship.

SINNER BROS.

WHOLESALE CUT FLOWERS,

58-60 Wabash Ave, CHICAGO.

Mention the Review when you write.

BREAD and BUTTER

CARNATIONS

Here are the varieties you want and we can supply you strong R. C., guaranteed free from all disease.

Pink.	100	1000
Enchantress	$5.50	$50.00
Nelson	3.50	30.00
Lawson	1.75	16.00
Inquirer	2.50	
Dorothy	2.50	
Joost	1.50	12.50
Marquis	1.50	12.50
White.		
Gov. Wolcott	3.50	30.00
Boston Market	3.50	30.00
Innocence	2.50	22.50

White.	100	1000
Glacier	$1.50	$14.00
White Cloud	1.50	14.00
Flora Hill	1.50	14.00
Scarlet.		
Crane	2.00	18.00
Apollo	3.50	30.00
Estelle	3.50	30.00
Crimson.		
Harry Fenn	3.50	30.00
Variegated.		
Prosperity	1.75	15.00

Geraniums—Best semi-double bedders in scarlet, pink, white, salmon, strong R. C., $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. **Smilax**—2½-inch (Special Price), $5.00 per 1000. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention the Review when you write.

CARNATIONS -- Rooted Cuttings.

Jan. and Feb delivery

	Per 100	1000
Nelson Fisher	$12.00	$100.00
Mrs. Patten	12.00	100.00
The Belle	12.00	100.00
Lady Bountiful	12.00	100.00
Flamingo	12.00	100.00
Adonis	8.00	70.00
Enchantress	6.00	50.00
Boston Market	4.00	35.00
Fair Maid	4.00	35.00
Gov. Wolcott	4.00	35.00
Pres. McKinley	3.50	30.00
Nelson	3.00	25.00
Estelle	3.00	25.00
Floriana	3.00	25.00
Innocence	3.00	25.00
Prosperity	3.00	25.00
G. H. Crane	2.50	

	Per 100	1000
Gaiety	$3.00	$25.00
Stella	3.00	25.00
Lawson	2.50	20.00
Morning Glory	2.50	20.00
Glacier	2.50	20.00
Marquis	2.50	20.00
Dorothy	2.50	20.00
Gov. Roosevelt	2.50	20.00
Joost	2.00	17.50
Lorna	2.00	17.50
Norway	2.00	17.50
Maceo	2.00	17.50
Gomez	2.00	17.50
Success	2.00	17.50
Triumph	1.50	12.50
White Cloud	1.50	12.50
Bradt	3.00	

GERANIUM CUTTINGS

From plants on the bench, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention the Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

FOR "OWN-ROOTED" PLANTS FROM 2½-INCH POTS.

1 Plant, each	$0.75	100 Plants and over and less than 1,000, each	$0.25
12 Plants, each	.60	1,000 Plants and over, each	.20
25 Plants, each	.50	3-inch pot plants, 5 cents each additional.	
50 Plants and over and less than 100, each	.30	PRICES OF GRAFTED STOCK GIVEN ON APPLICATION.	

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

Carnation Cuttings

Clean Healthy Stock,

Well Rooted, Ready Now.

	Per 100	Per 1000
Pink—		
Enquirer	$1 50	$12.50
Mrs. E. A. Nelson	1 50	12.50
Mrs. Higinbotham	1.50	12.50
Mrs. Lawson	1.50	12 50
Guardian Angel	1.25	10.00
Cressbrook	1.50	12.50
White—		
Gov. Wolcott	3.00	25.00
Alba	3.00	25.00
Murphy's White	3.00	25.00
Her Majesty	3.00	25 00
White Cloud	1.25	10.00
Queen Louise	1.50	12.00
Bon Homme Richard	1.50	12.00
Variegated—		
Marshall Field	5.00	45 00
Mrs. Bradt	2.00	15 00
Prosperity	2.00	15 00
Viola Allen	3.00	25.00
Stella	3.00	25.00
Scarlet—		
J. H. Manley	3.50	25.00
G. H. Crane	2.00	15 00
Mrs. Palmer	2.00	15.00
Mrs. Ine	1.25	10.00

MICHAEL WINANDY,

406 DEVON AVE.

L. D. Phone Rogers Park 642. CHICAGO.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
Goodenough	2.00
White Cloud	1.50
Flora Hill	1.50
Red.	
Adonis	6.00
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2 50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 100
Enchantress	$6 00
Success	4.00
Mrs. Higinbotham	5.00
Cressbrook	3 00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.20

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention the Review when you write.

CARNATION CUTTINGS

NOW READY—ROOTED IN THE COLD.

	100	1000
Queen Louise, white	$1 20	$10.00
Flora Hill, white	1.20	10 00
G. H. Crane, scarlet	1 20	10.00
Mrs. Palmer, scarlet	1 20	10 00
Mrs. Lawson, pink	1.40	12.50
Mermaid, pink	1.20	10.00
Eldorado, yellow	1.00	9.00
Prosperity, variegated	1.40	12.00

5 per cent. discount on $ 5.00 orders.
10 " " 10.00 "

Burbank's Shasta Daisy Seed, new crop 20c per 100, $1.25 per 1000, $8.00 per oz.

Strong Smilax Seedlings, 60c per 100.

Cash with order. Express prepaid.

THE KNOLL NURSERIES, Loomis, Cal

Mention The Review when you write.

NEW CARNATIONS

We are Booking Orders for this Season's Novelties in Carnations

	100	1000
Judge Hinsdale (Ward)	$12.00	$100.00
Mrs. M. A. Patten (Peter Fisher)	12.00	100.00
Golden Eagle (Ward)	10.00	
Sunbird (Marquisee)	12.00	100.00
Sensation (Ward)	10.00	
Flamingo (Marquisee)	12.00	100.00
Crusader (C. C. Co.)	10.00	80.00
Christmas Eve (Ward)	$10.00	
The President (Ward)	12.00	$100.00
Octoroon (Ward)	10.00	
Nelson Fisher (Fisher)	12.00	100.00
Ethel Ward (Ward)	12.00	
Indianapolis (Baur & Smith)	12.00	100.00
Mackinac (Ward)	10.00	75.00
Reliance (C. C. Co.)	$10.00	$80.00
White Lawson (C. H. Allen and James Hartshorne)	12.00	100.00
Lady Bountiful (Dorner)	12.00	100.00
The Belle (Dorner)	12.00	100.00
Albatross (Marquisee)	12.00	100.00

ALSO THE FOLLOWING STANDARD VARIETIES:

	100	1000
Mrs. Theodore Roosevelt	$4.00	$30.00
Gov. Wolcott	4.00	30.00
Gov. Lowndes	6.00	50.00
Lillian Pond	5.00	45.00
Enchantress	6.00	50.00
Mrs. John A. Thayer	5.00	40.00
Alpine Glow	$5.00	$40.00
Mrs. T. W. Lawson (pink)	3.00	25.00
Floriana	3.00	25.00
Wm. Scott	1.50	12.50
Gov. Bliss	4.00	30.00
Adonis	8.00	70.00
Golden Beauty	$5.00	
Dorothy Whitney	5.00	
Lorna	2.50	$20.00
Prosperity	3.00	25.00
Harry Fenn	4.00	30.00

Descriptive List of Carnations now ready—Copy mailed upon application.

THE COTTAGE GARDENS, Queens, N. Y.

Mention the Review when you write.

INDIANAPOLIS.

State Society Meets.

The Indiana State Florists' Association held its annual meeting at the Commercial Club rooms on January 12, and although only three out-of-town members were present, there was a good attendance, and much business was transacted. The most important was the election of new officers and an executive committee. E. A. Nelson, of this city, was elected president; J. S. Stuart, of Anderson, first vice-president; H. Junge, second vice-president, and J. Heidenreich was re-elected treasurer. Our worthy secretary of the past two years, Mr. H. Junge, announced that he was not a candidate for re-election, so Fred Huckriede was elected to take his place. The executive committee elected consists of the following members: Mr. Hatfield, J. Rieman, J. A. E. Haugh, F. Alley and A. F. J. Baur. This committee at once held a meeting and elected Mr. Haugh chairman and Mr. Baur secretary. It also outlined a plan of presenting to the society at its meetings something of interest, either in the shape of a paper by some member or a discussion on some subject of common interest.

The exhibition was not very extensive, but what there was was fine. J. Hartje showed a vase of Moonlight and a light pink on the order of Fragrance, but lighter in color and much larger, also a large, deep pink seedling. The first two received certificates of merit. Baur & Smith showed a large vase of fine Indianapolis blooms which were awarded a certificate of merit. They booked some nice orders on the strength of that vase.

Those present from out-of-town were J. S. Stuart and J. A. E. Haugh, of Anderson, and Vernon D. Grave, of Richmond.

A day late came Fred Lemon, of Richmond, and Paul Dailledouze, of Flatbush, L. I., but they did not come to attend the meeting. Mr. Dailledouze is making his annual swing around the circle to see what is doing, and what there is good sticking around in the odd corners of the country. Of course, he could not miss the chance to have a look at Indianapolis, which struck his fancy just about a year ago. He had some good words to say about some of R. Witterstaetter's seedlings, which he had seen a day or two before. We enjoyed his visit very much, only it was too short. A. B.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., **CHICAGO.**

Mention the Review when you write.

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery.
$1.25 per doz.; $8.00 per 100; $70.00 per 1000.
Also Rooted Cuttings of Enchantress, $6.00 per 100. **G. M. NAUMANN,** 1537 Doan St., **Cleveland, O.**

Mention the Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention the Review when you write.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2.50	$20.00
Mrs. Lawson	2.00	17.50
Mrs. Joost	1.50	12.50
Ethel Crocker	1.50	12.50
Wm. Scott	1.50	12.50
Flora Hill	1.50	12.50
Queen Louise	1.50	12.50
Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention Review when you write.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

..FERNS..

Boston and Piersoni

Pot-Grown Plants. Finest Quality.

Bostons—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni—Strong rooted runners reduced to $5.00 per 100. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

Mention Review when you write

...ROSES...

We grow over 100,000 annually for the trade of the following varieties:

	2x2½ in.	2½x3-in.
Meteors	$2.50	$3.50
Brides	2.50	3.50
Maids	2.50	3.50
Perles	3.50	4.50
Ivory	2.50	4.50
LaFrance	3.00	4.00
A. V. Kaiserin	3.00	4.00
Woottons	3.00	4.00
Belle Siebrecht	4.00	5.00
President Carnot	4.00	5.00
Golden Gate	4.00	7.50
American Beauties	6.00	8.00
Liberty	10.00	....

We believe in shifting young roses often. All stock offered in 2½-in. pots have been shifted from 2-in. and are equal to most stock advertised as 3 in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Ivory is a money maker. Be sure and include a few in your order. Send 50c or $1.00 for samples of anything you may want, then you see exactly the stock you are ordering.

GEO. A. KUHL, · Pekin, Illinois.

Mention The Review when you write.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Florlana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Macen, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	1.50	12.50
Dorothy	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1 25	10.00
Ethel Crocker	1.25	10.00
White—		
Flora Hill	1.25	10.00
White Cloud	1.25	10.00
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2 50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00
Rooted Rose Cuttings—		
Bridesmaid	1.50	12.50
Bride	1.50	12 50
Ivory	1.50	12.50
Perle	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., CHICAGO.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
Mention the Review when you write.

Rooted Carnation Cuttings

Selected from healthy stock with the one idea of producing good, strong plants. Most of the varieties below are ready. New batches will be put in from time to time for later orders.

	Per 100	1000
Enchantress	$5.00	$45.00
Gov. Wolcott	3.50	30.00
Lawson	2.00	17.50
Pa'mer	$2 00	$17.50
Prosperity	2 50	20 00
Joost	2.00	17.50
Lillian Pond		$4 00
Harlowarden		6.00
Higinbotham		3.00

Stock Mnms of Merry Christmas, 10c each: $1.00 per doz.

POEHLMANN BROS. COMPANY, **Morton Grove, Ill.**

Mention Review when you write.

PARTRIDGE-

—HAS—

"NELSON FISHER"

—AND—

"Mrs. M. A. PATTEN"

Growing in quantity and can confirm all the claims made by the originator. "**Nelson Fisher**" has proved to be an easier grower and more prolific than "Lawson."

Price—Per doz., **$3.00;** per 100, **$12.00;** per 1000, **$100.00**

I have the largest and best stock of **"Enchantress"** in the Middle States. Price per 100, $6.00; per 1000, $50.00.

Your order solicited for the above and also Rooted Cuttings of all standard varieties of **Carnations and Roses.**

W. K. PARTRIDGE,
"Bloomhurst," Station B. CINCINNATI, O.

Mention the Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention the Review when you write.

CARNATION CUTTINGS

We now have ready good well-rooted Cuttings from the following varieties:

	100	1000
Enchantress	$6 00	$50
Fair Maid	3.00	25
Fragrance	6.00	50
The Queen	5.00	40
Boston Market	4.00	30
Gov. Wolcott	5.00	40
Bradt	3.00	25
Prosperity	2 50	20
Eldorado	$2.50	$20
Manley	4 00	30
Adonis	4 00	30
Lawson	2.50	20
Joost	2.50	20
Harlowarden	6.00	50
Harry Fenn	5 00	40

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100 00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. BILLERICA, MASS.
Mention the Review when you write.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of SLINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write.

MRS. FISHER Carnations

Rooted Cuttings or 2-inch. Stock for summer blooming, now ready. Write

GEO. A. KUHL,

Pekin, Ill.

Mention The Review when you write.

PITTSBURG.

The Market.

We are experiencing a spell of very uncomfortable and disagreeable weather, which has a rather depressing effect on transient business. While the general report on business among the retail florists is very favorable, the wholesalers and growers complain. There is certainly a lull in all branches of trade at the present time, and it has some effect on the florist.

Stock of all kinds is quite plentiful at this writing. Carnations are coming in heavily and of very good quality. With prices ranging as low as $8 per 1,000 (in small lots $2 to $4 per 100) stock does not clean up at all satisfactory. Maids, Brides and Liberties are in very fair demand and clean sales are reported. Prospects are that rose cuts will shorten up and prices will stiffen. Special American Beauty roses are anything but plentiful; of shorter grades there are more than enough. Tulips are very plentiful and poor sale. Paper White narcissi and Roman hyacinths still remain a glut. In greens the market is well supplied, plenty of smilax, asparagus and Sprengeri at usual prices.

Various Items.

The Pittsburg Cut Flower Co. is receiving some very fine white lilac and freesia.

The Wabash Railroad, which dealt so cruelly with our friend, Christ Rieger, evidently did the handsome thing, for he is building a five-story brick and iron factory building at Forbes and Boyd streets.

Randolph & McClements did the decorating for the Fairbanks-Cassidy wedding. Instead of the traditional white bridal bouquet the bride carried a handsome bunch of Marie Louise violets.

Visitors:—S. S. Pennock, Philadelphia; A. Roelker, New York; B. A. Heller, New Castle, Ind. Hoo-Hoo.

ARGOLA, ILL.—T. J. Denney's greenhouse had a narrow escape from destruction by fire January 4. The blaze caught from the boiler and was discovered in the nick of time.

DO YOU USE NICOTICIDE?

You should.

Its use means fine flowers, and more of them.

It KILLS ALL BUGS.

Can be used as vapor or spray.

It is not costly.

Easily and quickly applied.

If you have never used it, write us and we will make you an interesting proposition.

THE TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KY.

OUR MOTTO:—Do unto others as you want others to do unto you. Give us a trial.

Mention The Review when you write.

GERANIUMS AND MISCELLANEOUS STOCK.

From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Agerstum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Chrysanthemums, large flowering or Aster varieties, $3.00 per 100, smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.		
Coleus, 15 varieties....per 1000, $15 00,	40c	2.00
Fuchsias, in variety	50c	2 50
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings..		.75
Heliotrope, in variety	40c	2 00
Hibiscus, in assortment	60c	4.00
Forget-Me-Not, large flowering....	40c	2 00
GERANIUMS, such varieties as Centaur, Gilean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc.....	40c	2.00
Holt's Mammoth Sage, per 1000, $15 00,	40c	2.00
Lemon Verbena.... ...per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax.... .....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzerl, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2 50

SPECIAL -- FOR THE BALANCE OF JANUARY ..... 1000 Geraniums, our selection, $17.50.

BLACK PRINCE and MINNESOTA FUCHSIAS.....$2.00 per 100.

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

Mention Review when you write.

SHAMROCK

....IRISH....

Strong and fine plants. Better order early. $4 00 per 100; or 60 cts. per doz., by mail.

VERBENA Seed, New French Mammoth, the finest Giants grown. 1000 seeds, 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.

The Home of Primroses

Mention The Review when you write.

PELARGONIUMS Named varieties, large plants, 2½-in. to 3-in. pots, $3.50 per 100; 25 at 100 rate. **Pansy Plants,** large flowering, nice, stocky plants $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias,** separate colors mixed, $3.00 per 100. CASH, PLEASE.

HENRY ERNST & SON,

WASHINGTON, MO.

Mention The Review when you write.

Vinca Vines

We have a fine stock of Vinca Major in 3 and 4-inch pots. Place your order now for spring and summer delivery as stock is always scarce. Write for prices, stating quantity wanted.

Wagner Park Conservatories, Sidney, Ohio.

Mention The Review when you write.

DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention the Review when you write.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each: small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in pans $50.00 per 100. **Asparagus Sprengeri,** 4-in. $6.00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentiaa—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

Mention The Review when you write.

Palms, Ferns, Etc.

Araucaria Excelsa, from 18, 20 to 25 inches high, 6-inch pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-inch pots, 25 to 33 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-inch pots, 40c to 50c.

Ficus Elastica (Rubber Plants). Extra fine stock, 6-inch pots, 20 to 25 inches high, $4.00 to $5.00 per doz.; extra specimens, 50c each, $6.00 per doz.; 5½-inch pots, 18 to 20 inches high, good stuff, 25c to 30c each.

Dracaena Bruanti, just the right plant for decorative purposes, 25 inches high, full of foliage from top to bottom, 6-inch pots, 50c each or $5.00 per doz.

Boston Ferns, 7-in., very large, bushy specimens, $1.00 each.

Kentia Forsteriana and Belmoreana, 20 inches high and upwards, 6-inch pots, good for decoration, slightly damaged, 60c each.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

McCray Florist REFRIGERATORS

KNOWN EVERYWHERE FOR SUPERIORITY.

SPECIAL STYLE No. 616.
9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER
Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the McCRAY is Guaranteed Absolutely Satisfactory. Thousands testify to its merits.

Mention this Journal and we will send you the following catalogues: No. 39, for Residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70, for Florists.

McCRAY REFRIGERATOR CO.

316 Mill Street, Kendallville, Ind.

Branch Offices and Salesrooms: Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 710 Penn Ave.; New York, 341 Broadway; Detroit 305 Woodward Ave.; Columbia, S. C., 1210 Main St.; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.

☞ **Address Main Office unless you reside in one of the above named cities.**

SOUTHERN RAILWAY.

TO ALL THE PRINCIPAL CITIES AND RESORTS
South, Southeast, Southwest, Florida, California, Cuba, Mexico and Central America.

"The Land of the Sky" and "Sapphire Country"

Pullman Drawing and Stateroom Sleeping Cars; Dining, Library and Observation Cars of the Highest Standard. The Route of the

Washington & Southwestern Limited and Sunset Limited
New York and New Orleans, Los Angeles, and San Francisco.

The Southern's Palm Limited
New York and St. Augustine.
Write for Descriptive Matter

NEW YORK OFFICES: 271 & 1185 Broadw'y
ALEX. S. THWEATT, Eastern Passenger Agt.
W. A. TURK, - Passenger Traffic Manager
S. H. HARDWICK, General Passenger Agent
WASHINGTON, D. C.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

Mention Review when you write.

ASPARAGUS

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, 2-inch pots	1.50
Geraniums—10 varieties	3.00
Primroses—Chinese and Obconica	1.25
PANSY PLANTS	.50 $2.50 per 1000

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

STOCK MUMS CHEAP. LAST CALL.

White—Kalb, Queen, Bergmann, Robinson, Willowbrook, Ivory, Eaton; **Pink**—Pacific, Shaw, Dean, Perrin, Lav. Queen; **Yellow**—Whitldin, Golden Wedding, well furnished with strong and healthy cuttings **$4.00 per 100.** To close out, Chamberlain, White Bonnaffon, $10.00.

Five best forcing varieties roses, rooted cuttings, $12.00 per 1000; Beauties, $30.00.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention the Review when you write.

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later.

Cash with order. Write

S. D. BRANT - - - CLAY CENTER, KAN.

Mention Review when you write.

ALYSSUM—3-inch, $3.00 per 100.
Pelargoniums—Mixed varieties, 2½-inch, $3.00 per 100. **Petunias**—Mixed varieties, 2-inch $2.00 per 100. **Ivy Geraniums**—Mixed varieties, 2-inch, $2.00 per 100. **Primulas**—Obconica, rosea, fine plants, 3-inch, $5.00 per 100. **Geraniums**—R. C., Poitevine, E. G. Hill, A. Ricard, Gen. Grant, La Favorite, all mixed, $1.50 per 100; $12.00 per 1000. Cash please.

CONVERSE GREENHOUSES. Webster, Mass.

Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2-inch ..... .50 "

Send for **Cryptomeria Japonica** circular; we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS **All** the time in the Review's Classified Advs.

WIRE DESIGNS MADE UP-RIGHT

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

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MANSFIELD, O.

Death of Geo. W. Hunt.

George W. Hunt, a life-long resident of this city and for many years in the florists' business, died January 6 of paralysis, the day being the sixtieth anniversary of his birth. He had suffered three previous attacks of paralysis and had been in feeble health for some time. Mr. Hunt was born in Mansfield and held a position of esteem in the community. He was a member of several fraternal orders, including the Odd Fellows and the G. A. R., for he served through the civil war in the 64th Ohio. He leaves a widow and three sons. For some years Mr. Hunt and one of the sons, Homer D., had been engaged in the florists' business, which will be continued as before, under the old name of Geo. W. Hunt & Son, by H. D. Hunt.

NORTHAMPTON, MASS.

Holiday trade in this city was fully up to last year. Carnations were of fine quality and sold at good prices. Cyclamen, Gloire de Lorraine begonias, primulas and azaleas sold best in flowering plants, in the order named, and supply was up to the demand. The call for palms and ferns was less than last year, owing undoubtedly to the good supply of flowering plants. The weather for a week before Christmas was very fine; since that time it has been very cold. On Tuesday, January 5, the thermometer registered 26 degrees below zero, which was the lowest in this city for thirty-three years. G. H. S.

Middletown, Pa.—The large greenhouses of Charles Dohan were destroyed by fire January 7, the result of an overheated stove.

Van Wert, O.—H. C. Scharff has sold a half interest in his greenhouses to Edward Scharff and the plant will be considerably enlarged and the business conducted as Scharff Bros.

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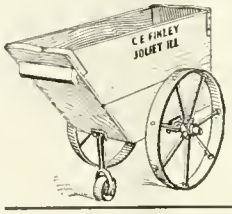

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No. 8	3x7x21	3.00 "	28.50 "
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No. 10	7x20x20	7.50 "	67.00 "
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Box 104.

PROVIDENCE, R. I.

The Market.

Business continued good for a few days after New Year's but since January 5 it has fallen off. I don't mean that it is quiet, like early fall and summer, but it is not like it was last season. Prices have dropped until they are ridiculously low compared with the season and the price asked at the holidays. It looks like an off season, especially for the grower. The cause we have to guess at. However, with the few longer days before the Lenten season there will be something doing, we hope.

The city and state inaugurations called forth quite a number of orders for flowers directly after New Year's but the supply was more than equal to the demand. Funeral orders have been limited, notwithstanding that there has been a long list of death notices.

Notes.

The Rhode Island Florists' and Gardeners' Club held its seventh annual banquet on January 14, about twenty-five members and ten invited guests being present. A very enjoyable evening was spent.

The J. A. Budlong & Sons Co. is marketing part of their cut here now after the holidays on account of the slump in prices in Boston.

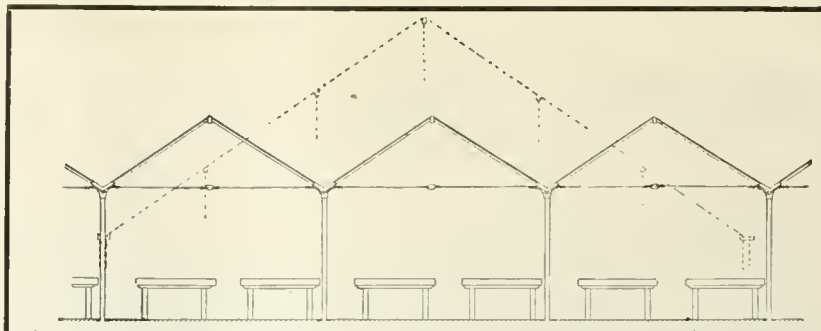
The violet growers no longer say they are short, 50 cents per 100 being readily accepted at present for good stock.

Azaleas are a drug on the market at present.

It looks as though there would be some changes in the locations of the retailers next season.

Mary (Forrest) Pollock, for quite a long period connected with the Broadway greenhouses, and now for some months in business for herself at the old established Franklin street place, reports good business. T. J.

The seed and plant catalogue of the Storrs & Harrison Co., Painesville, O., has as a color design fronds of Nephrolepis Piersoni lithographed in natural colors. It is one of the most attractive covers of the season.



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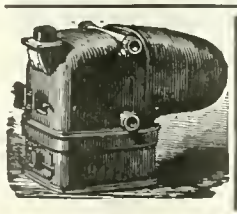

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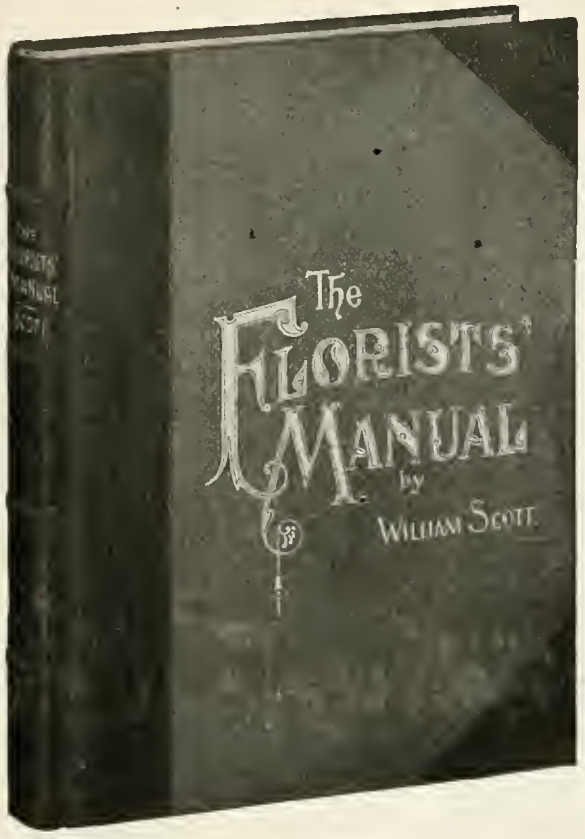

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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Winandy, M.....437
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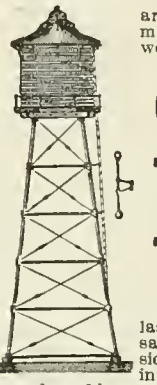

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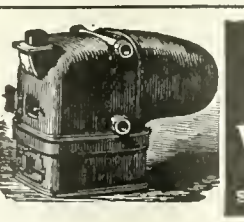

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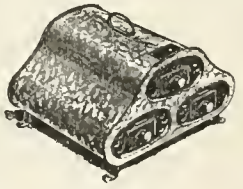

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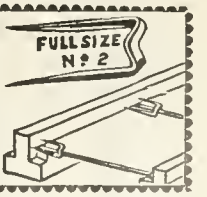

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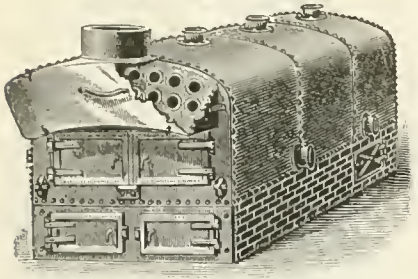

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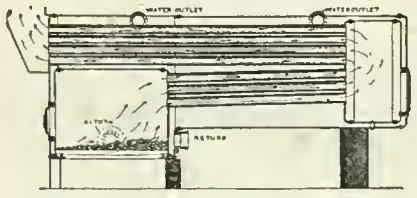

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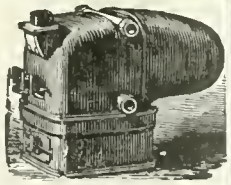

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FLORISTS' PUBLISHING CO. 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, JANUARY 28, 1904. No. 322.

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WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

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Complete Preliminary List is ready.

	Trade pkt.	Oz.
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" Little Gem, very dwarf	10c	25c
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☞ **10 per cent. discount for cash with order.**

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ASPARAGUS PLUMOSUS NANUS SEED, $1.00 per hundred; $7.50 per thousand.

VERBENA -- MAMMOTH, Fancy, Striped, White, Purple, Pink, Scarlet and Mixed,

Trade Packet, 30c; ¼ oz., 50c; oz., $1.50.

Carnation Bands. Only a tiny thing but keep a good stock on hand, for wisely used they will pay you well. Price, 1000, 15c; 2000, 25c; 4500, 50; 7000, 75c; 10,000, $1.00.

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Sole Distributors. **Detroit, Mich., U. S. A.**

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Telephone No. 1747 J, Madison.

Importer, Jobber and Manufacturer of **Florists' Supplies**

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CARNATIONS

NOTES ON VARIETIES.

In response to a request to express their opinions of the commercial qualities of the carnations they are growing several large growers have briefly set forth their views, as stated on this page. It will be observed that Lawson is the one variety most liked by all; on nearly every other standard sort opinions differ, indicating a wide variance in results in different soils and under various cultural methods:

Mrs. Lawson.

Bassett & Washburn:—This is the best dark pink we have ever grown.

Peter Reinberg:—They all doff their hats to Lawson; it is surely the best dark pink.

J. F. Wilcox:—This we consider our most profitable pink.

Chicago Carnation Co.:—Best in its class.

Wietor Bros.:—Anybody and everybody is growing this and all have good success.

Lakeview Rose Gardens:—Shall plant about 30,000 next season.

Mrs. Nelson.

Peter Reinberg:—We think it the best variety of its color; very good producer and popular with buyers.

Chicago Carnation Co.:—We like it very much; requires careful treatment.

Lakeview Rose Gardens:—Next season 1,000 will be enough.

J. F. Wilcox:—Is a shy bloomer with us, but will try it another season.

Guardian Angel.

Wietor Bros.:—Best money maker of all the pinks, always in crop, good stem and color and a good shipper.

Peter Reinberg:—One of the very best from a financial standpoint; it is the "bread-winner" for many growers.

Lakeview Rose Gardens:—Shall not use it.

Bassett & Washburn:—It is "n. g." with us; too small.

Mrs. Joost.

Lakeview Rose Gardens:—Expect to plant 10,000 next season.

Bassett & Washburn:—Does well in spring and summer, no good in winter.

Peter Reinberg:—Discarded for Mrs. Nelson and Guardian Angel.

J. F. Wilcox:—Have discarded.

Cressbrook.

Chicago Carnation Co.:—No use; too much variation in color.

Lakeview Rose Gardens:—None for next year.

Bassett & Washburn:—Shall throw it away. Flowers have very poor color and form and split badly.

Peter Reinberg:—Discarded in favor of Guardian Angel and Mrs. Nelson.

Wietor Bros.:—It won't do.

Enchantress.

Bassett & Washburn:—This has done well as far as production is concerned, but it is such a poor shipper that we are in doubt about it. Will give it a good trial next season in a separate house.

J. F. Wilcox:—Does well with us and will increase our planting next year.

Wietor Bros.:—The largest and best light pink, but not the best for shipping purposes; fine seller in Chicago market.

Lakeview Rose Gardens:—Shall not grow it.

Chicago Carnation Co.:—Best in commerce.

Higinbotham.

Peter Reinberg:—Very good commercial variety; desirable shade of pink and very prolific.

Chicago Carnation Co.:—Most profitable light pink; this variety is improving everywhere; very free; strong constitution.

Lakeview Rose Gardens:—Morning Glory will be our light pink next year.

Wietor Bros.:—Have it in fine condition; good flowers and stiff stem.

Morning Glory.

Wietor Bros.:—Best of all the light pinks of its size; fine color, good stiff stems and an elegant shipper.

Bassett & Washburn:—The best light pink with us. It takes to our soil in grand shape, never splits and always in crop.

Lakeview Rose Gardens:—Shall plant 5,000 next year, no other light pink.

Peter Reinberg:—Discarded in favor of Higinbotham.

J. F. Wilcox:—Does not do well with us; will discard it.

Chicago Carnation Co.:—Constitution gone.

White Cloud.

Bassett & Washburn:—This has proved one of the best winter bloomers with us. It shows no signs of playing out and is very steady.

J. F. Wilcox:—Does well with us and will continue to grow it.

Wietor Bros.:—The old reliable, best paying white on our place; our soil seems to be just right for this variety.

Lakeview Rose Gardens:—Next year 1,000 plants will be enough.

Peter Reinberg:—A good midwinter variety.

Chicago Carnation Co.:—Will discard.

Flora Hill.

Chicago Carnation Co.:—Good for summer bloom only; will continue to grow it for that purpose.

Wietor Bros.:—Will discard; cannot make it pay during winter months.

Lakeview Rose Gardens:—We shall plant 3,000 Hill next year.

Bassett & Washburn:—We grow Hill only for spring, summer and early fall blooming.

Peter Reinberg:—Good commercial variety.

J. F. Wilcox:—Its last season with us.

Norway.

Wietor Bros.:—Rather shy bloomer but good seller and a fine keeper.

Carnation Adonis.

(A variety which bids fair to demonstrate that "a poor start makes a good ending.")

Bassett & Washburn:—This has improved this season with us and is the best all-round white we have grown.

Lakeview Rose Gardens:—Shall plant 10,000 for next season.

J. F. Wilcox:—Does not do well with us and will discard it.

Chicago Carnation Co.:—Will discard.

Queen Louise.

Peter Reinberg:—Very good bloomer but at times inclined to burst.

J. F. Wilcox:—Consider it our most profitable white in the common varieties.

Chicago Carnation Co.:—Good only for retail place where splits can be used; will discard.

Wietor Bros.:—We have fine plants but it is far from being an ideal white.

Bassett & Washburn:—Too small.

Lakeview Rose Gardens:—Expect to grow 2,000 next year.

Gov. Wolcott.

J. F. Wilcox:—Well pleased with it and shall grow more of it next season.

Chicago Carnation Co.:—Not profitable enough; will continue to grow a few for stock only; it is a good exhibition variety, which creates demand for cuttings.

Lakeview Rose Gardens:—Like it well enough so that we expect to plant 10,000 next year.

Bassett & Washburn:—Produces exceptionally fine flowers, but not in such quantities as either White Cloud or Norway. It splits quite a little.

Lillian Pond.

Chicago Carnation Co.:—Bursts and stemrots; will discard.

Lakeview Rose Gardens:—Shall not bench it next year.

Bassett & Washburn:—We are disappointed, as it splits so badly. The size of bloom is good. Will give it another trial next year.

Gov. Lowndes.

Chicago Carnation Co.:—Very fine if constitution holds out, which seems doubtful; worth trying again.

Peter Reinberg:—We have not had blooms enough from it.

Peru.

Peter Reinberg:—The best white we grow; prolific and continuous bloomer; pure white.

Lakeview Rose Gardens:—Shall not plant it next year.

Other Whites.

J. F. Wilcox says Boston Market does well with him, and he will increase his planting next year. The Lakeview Rose Gardens have 10,000 Lorna, 5,000 Bon Homme Richard and are still growing Genesee. Bassett & Washburn say they are disappointed in White Bradt. Murphy's White is too small for them.

Carnation Governor Wolcott.
(A flower hard to beat as a fancy white.)

Her Majesty.

Chicago Carnation Co.:—Our most profitable white.

Wietor Bros.:—Found it a good bearer of good quality flowers; will give it more bench room next season.

Bassett & Washburn:—Have only a few and the trial was hardly enough to give an idea of it, but won't try again.

Lakeview Rose Gardens:—Will plant 1,000 for next season.

Adonis.

Chicago Carnation Co.:—Favorably impressed with it. Experts will succeed with it if patient. We shall increase our planting next season.

Bassett & Washburn:—The cuttings received had such a hard struggle to keep alive that it will take another season before a fair opinion can be given.

Peter Reinberg:—Despite bad showing so far we think it will turn out to be a fine variety. It is improving rapidly and now looks very promising.

J. F. Wilcox:—Does not do well with us.

Wietor Bros.:—Have none left.

Lakeview Rose Gardens:—Don't expect to grow it.

Estelle.

Peter Reinberg:—Best red we grow; very prolific; flowers large enough for commercial use.

Chicago Carnation Co.:—One of the best.

Lakeview Rose Gardens:—Can use 3,000 next year.

J. F. Wilcox:—Does fairly well with us, except that the stems are very short; we will only grow a limited amount next season.

Wietor Bros.:—Best of the scarlets now in cultivation; fine color and good keeper.

Crane.

Lakeview Rose Gardens:—Shall make it our principal red; plant 10,000 next year.

Bassett & Washburn:—This is the best red for early. It is hard to keep it from dying out late in the season.

J. F. Wilcox:—Have discarded on account of stem-rot.

Peter Reinberg:—Discarded for Estelle.

America.

Wietor Bros.:—Good for spring; brings a fine crop of good flowers.

Bassett & Washburn:—Good in the spring; worth growing on that account.

Lakeview Rose Gardens:—We have 5,000 now on the place.

Mrs. Palmer.

Chicago Carnation Co.:—Very free; has given good satisfaction but shall discard for newer varieties.

Wietor Bros.:—Large flower and of very good color, long, stiff stem.

Lakeview Rose Gardens:—Shall not grow it next year.

Peter Reinberg:—Discarded for Estelle.

Red Bradt (Chicago).

Wietor Bros.:—One of the best scarlets; will plant more of it next season.

Bassett & Washburn:—Very large flowers, similar in habit to Mrs. Bradt.

Peter Reinberg:—Would like it if it gave more flowers.

Harlowarden.

Bassett & Washburn:—Very fine flowers; had so few plants that we can only give a limited experience of it.

Peter Reinberg:—Probably the best crimson; does very well with us.

Chicago Carnation Co.:—We consider it the only one of its color, very free; we are now growing 10,000 plants.

J. F. Wilcox:—Does fairly well and will continue to grow it.

Wietor Bros.:—Best of all the crimsons.

Lakeview Rose Gardens:—Don't expect to grow it.

Roosevelt.

Peter Reinberg:—One of the best of this shade and a good bloomer.

J. F. Wilcox:—Does well with us; will increase our planting next season.

Lakeview Rose Gardens:—Expect to plant 5,000 next season.

Bassett & Washburn:—Very shy bloomer; Maceo gives more flowers than any other maroon variety.

A House of White Cloud Carnations Grown by Wietor Bros., Chicago, Where it Seems Perfectly at Home.

Prosperity.

Chicago Carnation Co.:—Indispensable; can be grown at a profit if blooms sell for 5 cents average for season.

J. F. Wilcox:—We do not find it profitable, but will continue to grow a limited number.

Wietor Bros.:—Best variegated for size of flower, stem and keeping qualities.

Peter Reinberg:—Good flower but rather shy bloomer.

Lakeview Rose Gardens:—Shall plant 5,000 next season.

Bassett & Washburn:—Best variegated.

Mrs. Bradt.

Lakeview Rose Gardens:—Of 9,000 variegated next year, 3,000 will be Bradt.

Bassett & Washburn:—Will discard it as the demand is so small, also the stems come too weak.

Chicago Carnation Co.:—Discarded for Stella, which will try again.

Peter Reinberg:—Still the best variegated.

J. F. Wilcox:—Shall discard this season for Stella, which does much better with us.

Other Variegated.

Bassett & Washburn speak highly of Gaiety. Lakeview Rose Gardens will plant 1,000 Stella next season. Chicago Carnation Co. says Dorothy Whitney is a wonderfully profitable variety, the only yellow in commerce worth growing. Bassett & Washburn say Gold Nugget is the best yellow with them. Lakeview Rose Gardens have 5,000 Eldorado this year.

Novelties.

The Lakeview Rose Gardens will plant Indianapolis, Flamingo, Albatross and others next year. Bassett & Washburn will try Crusader, Flamingo and Lady Bountiful. J. F. Wilcox will plant Crusader, Flamingo, Lady Bountiful, The Belle and some others, not yet fully decided on. The Chicago Carnation Co. will try Lady Bountiful, White Lawson, Reliance and The Belle, for white; discard all but Adonis for Crusader in scarlet; Flamingo will be tested; a few plants of Indianapolis lead to a larger trial. Wietor Bros. will plant Lady Bountiful, Flamingo and others.

CARNATION NOTES—EAST.

Feeding.

With the holiday strain well over and the plants back to normal conditions, the time has arrived when it is but natural that the plants will relish an addition to the bill of fare in the shape of food in liquid form. I wish to state, however, that this statement applies to healthy plants only.

The soil in the benches should by this time be filled with a network of roots eagerly in search of food, and if the product is to be kept up to the standard as regards size, brilliancy of color, stiffness of stem and, in fact, all that goes to make up high grade blooms, it is evident that those elements which have been taken from the soil, must be replaced.

To supply the needs of the plants thus far, I have advised the application of top dressing, principally for the reason that I am not in favor of using liquid manure while the days are growing shorter, but we are now coming to the point where the plants will begin to feel the influence of the sun's increase in power, growth will naturally be more rapid, food consumption greater, and if this can be supplied in a form easily assimilated there will be a perceptible gain.

My objection to the use of liquid manure during the darkest days of winter is based on the principle that complications arising, or apt to arise, from overwatering cannot be too strictly guarded against during the time mentioned. Every grower knows the operation of watering to be an art learned only by close observation and thorough knowledge of the requirements of the varieties under care and as the real object of using liquid food is not intended to serve the double purpose of supplying food and water at the same time, it is obvious that the safer plan is to defer this operation until more bright weather may be expected than generally occurs during the short days of winter. Of course, one cannot feed in this way without wetting the soil but the meaning I wish to convey is that the plants should not be suffering for water when an application is made. On the other hand, it is often the case that although not in want of water, there would be a lack of nourishment had not a top dressing been applied, the good elements of which have reached the roots through necessary watering.

It is important that due consideration be taken of how the plants have behaved since housing, of the quality of the soil when benched, also their present appearance as regards health, for, as I before remarked, it is only healthy plants that will be benefited by liquid food and it is assumed that your judgment will tell you that if for any reason a variety has not given good returns in suitable soil, it would be a waste of material to increase the food supply, to say nothing of the danger likely to occur through over feeding.

Various manures can be employed for this operation, either separately or in combination, but from experience I am of the opinion that a combination gives the best results, for the reason that the opportunity is afforded of maintaining a better balance between the different fertilizing elements. But this is a subject which requires careful study, not only in order that those varieties with which we feel quite familiar may be properly cared for, but we must be prepared to judge the needs of new introductions which in course of time are bound to displace the present standard sorts.

Cow manure is without doubt the best

for a foundation, while that from sheep I would place next. While hen manure is inclined to be of a fiery nature, it contains properties the value of which should not be lost sight of and when used in conjunction with other manures no harm will result. We have had unvarying success with a mixture in the proportions of two parts cow and one of sheep manure with an occasional addition of a double handful of hen manure to a bushel of mixture. Bone meal will be found profitable to use at times when the hen manure is left out, adding in about the same proportion.

Means should be devised whereby the solution when ready for use will be clear, thus facilitating distribution. It is impossible to give any exact directions as to the quantity a bench should receive, owing to the difference in strength of materials employed, how handled and time consumed in preparation. However, it is safe to begin with a solution of medium strength and, if good results follow, the plants will probably stand a stronger application later.

Weather conditions this month have not been conducive to ideal growth in carnations. There is a disposition to softness which is quickly perceived when we are now and then blessed with a day of bright sun and when considering the question of feeding this soft condition must be taken into account and before operations are begun in earnest it would seem best to wait until the plants are firmer in tissue and indications point to a larger percentage of bright weather. I will probably have more to say on this subject next week. Geo. S. Osborn.

CARNATION NOTES—WEST.

Exhibition Preparations.

It is only about five weeks from the time the Review goes to print this week until the American Carnation Society opens its convention at Detroit, and it is not too early to begin preparations for the exhibition to be held in connection with it. That every carnation grower of any importance in the country will be there goes without saying. Detroit is quite centrally located, and is easily reached from all directions, and there surely will be a great attendance. If you have anything new to show to the carnatien trade, that's the place to show, or if you have the standard varieties in fine shape and you want your reputation as a carnation grower to spread a little outside of your own locality, that's the place to show the results of your skill. If you have neither one to show, it will pay you many times the price of the trip to go and see what is doing in the line of improvement in the carnation.

The date being two weeks later than in past years, it is to be hoped that milder weather will prevail, making it less risky for those shipping blooms from a distance. During the past five years at every convention there were always several who either had their blooms ruined by freezing or the severe weather delayed the trains so that many blooms did not arrive until near the close of the convention. This is especially vexatious to those having novelties they wish to disseminate the next season. They lose the best chance for publicity they could possibly find. Those who have blooms of standard varieties frozen or delayed can recover a large part of the loss from the express companies, but the novelty owner cannot hope to recover even a small per cent of the damage he sustains through the loss of sales he would make on the strength of his exhibit.

What I started to write about is the preparations that might be begun now for that exhibition. By March carnations are usually fine and plentiful, and you will need extra fine blooms if you want to make a hit. A little feeding will be necessary, and, in fact, if the plants are growing strong and the growth is free, you can feed quite regularly now, according to the weather. During dark, cloudy weather you must not feed much with manure, but rather confine your feeding to wood ashes and lime. When the weather is bright you can make the liquid manures the main diet, with an occasional dose of wood ashes or lime between. You will soon see a difference in the size and texture of the blooms and the strength of the stems.

Disbudding must, of course, be attended to as soon as the laterals can be handled without injury to the main buds. Take them off down as low as you will cut the stems. If you want the cuttings down low take them off and get them into the sand, but don't leave them on the stem to rob the bloom of its size. Also be sure the stems are well supported, so that the large blooms, by the time they are half-developed, do not become too heavy and gradually weigh the stems down. Varieties that are inclined that way will be benefited more by wood ashes than by manure. You want to stiffen the stems all you can.

Unless the calyx of your variety is extra strong and the crop of buds extra heavy I would not remove any of the blooming stems in order to throw more strength into the exhibition bloom, but I would rather depend on a good strong growth and liberal feeding to produce as good a bloom as the variety is capable of, without running the risk of bursting most of the calyxes. Nothing will cause calyx splitting quicker than the removal of growths in considerable quantity. You have noticed this fact when you propagated all you could of a fine variety and you robbed the plants of all the cuttings you could get.

It is too early yet to put on much of a mulch, so you must feed with liquid. There are many manures and fertilizers you can use with success, according to the texture of your soil, but be sure you begin with weak doses. To make it too strong at the beginning is worse than to give none at all. A. F. J. Baur.

Store and Show Houses of the Winona Floral Co.

ANOTHER WHITE LAWSON.

We are just in receipt of a fine white carnation flower from E. Metzmaier, of Columbus, which he claims is a sport from Lawson, having the same style of flower and habit and as free in blooming. Mr. Metzmaier has taken quite a number of cuttings from this sport and expects to have quite a few plants for next fall's planting. Livingston Seed Co.

THE STEM BORER.

We enclose some carnation cuttings which show the work of a little white worm which attacks them at the surface of the soil and makes its way upward, completely destroying the stock. The worm itself is also sent in a vial. This pest is only found on one bench of young stock. Other plants of the same varieties and in the same soil do all right on other benches. What is this pest and what shall we do to get rid of it? A. G. A.

I cannot give you the Latin name for the worm, but I am of the opinion that it is no other than what is usually called the stem borer. You will usually meet it in the field, attacking the carnation plants in the same manner as they are attacking these cuttings. I do not know much about this borer and can only suggest a remedy without knowing whether it will rid the place of it or not. I would soak some tobacco stems in boiling hot water and after cooling it off I would water the soil thoroughly with it. Then I would dust them heavily with helebore or slug-shot. Shoot it into them hard so that it will get all over the stems well. They will be pretty sure to get some of it when starting in on a plant and most likely it will kill them. The tobacco water may drive them out of the soil if it does not kill them. Unless there are a big lot of these cuttings, or they should be very valuable, I would burn them up and steam the soil before taking it out where they could get into your planting ground. Once you get them in there you may have a hard job getting rid of them. A. F. J. Baur.

AMERICAN ROSE SOCIETY.

The premium list for the fifth annual exhibition of the American Rose Society, to be held at Philadelphia, March 22 to 24, provides classes similar to those of the previous shows. The regular classes are as follows: Division A, teas and hybrid teas, twenty-five cut blooms, open to all, premiums for American Beauty and Queen of Edgely, $10 and $7; other varieties, $10 and $5. Division B, teas and hybrid teas, twelve cut blooms, open to growers having not more than 20,000 feet of glass, premiums $5 and $3 for best exhibits of each variety. Division C, teas and hybrid teas, twelve cut blooms, open only to private gardeners and amateurs, premiums $5 and $3 for best exhibits of each variety. Class D, hybrid perpetuals, twelve blooms, stems twelve inches or over, open to all, premiums $10 and $5 for best exhibits of each variety. Class E, same as above, open only to private gardeners and amateurs. There is a silver cup for group of six varieties in pots, also premium for six plants of one variety in not larger than 8-inch pots. The best fifty blooms of American Beauty get $100 and the Lord & Burnham silver cup; second premium, $50. Premiums of $20 and $15 are offered for fifty blooms, any variety, Beauty and Edgely excluded. For six blooms of any variety introduced since 1900, $5 and $3 is the offer. For best display, ten varieties, in space of 100 square feet, the premiums are $100 and $50. A silver cup is offered for the best American rose not yet in commerce. There are liberal premiums for six standard plants, specimen standard, specimen plant other than standard, specimen plant in not less than 12-inch pot, six Crimson Ramblers and six plants of distinct varieties. The special prizes include an offer of $25 for plants in pots, three of each of eight varieties; also $25 for six plants each of Magna Charta, Gabriel Luizet, Mrs. Laing and Mereville de Lyon.. The American Rose Society's medals are offered for novelties.

MISCELLANEOUS SEASONABLE HINTS.

For the Orchid Growers.

In these dark days, when growth is slow, there is time to look over the orchids, if you grow any, and there are a number of florists like the writer, who grow a few dozen plants of the leading commercial species. It is for them these hints are given.

Cypripediums.

Cypripedium insigne will be about all out. This is a terrestrial orchid that has no pronounced period of rest and a good healthy plant does some growing the whole season. If they have outgrown their pots, or the compost is in poor condition, or they simply want surfacing, now is the time to do it. Perhaps you may desire to increase your stock by dividing some of the large crowded plants. Fill the pots half full of clean crocks and in the case of repotting remove all the old soil that has become sticky or compact. Keep the crown of the plant above the rim of the pot and then surface with fresh, live sphagnum. The material to use differs with some expert growers. What is known as peat is used by some growers; others have equally good success with fibrous, turfy loam.

Just a word here about peat and sphagnum. The peat that is used in Europe is the surface, two or three inches, of some hill that has been previously covered with low growing heaths and then all the fine particles are shaken out, which leaves little but roots and fibers. Our American peat, at least all I have seen, is the chopped up, fibrous roots of our strong growing native ferns, such as Osmunda regalis and others. Perhaps one is just as good for the purpose as the other, for both simply act as a medium for the roots to creep about on and absorb moisture. The sphagnum moss every florist knows, even the dude behind the counter who hardly knows but what a cyclamen is an orchid, can pronounce sphagnum. But don't think the dead, dry material that you stuff a wreath with will do for surfacing orchids. It must be fresh and alive and when you see the sphagnum green and growing, you can be almost sure that your cypripediums are doing well. About 50 degrees at night, or a trifle higher, will do for the winter months. April, May and June is the time of the most active growth and then the greatest amount of moisture is needed, but at no time should the surface moss be allowed to get dry.

Cattleyas.

Pretty and subdued the cypripedium is, and in some arrangements most chaste, but the large public, when it asks for an orchid has in mind the beautiful cattleyas. C. labiata is out of flower by New Year's and most of them a month before. C. Percivilliana will soon be gone. After they are out of flower they need little moisture till they begin to break and make new growths. While resting, and that is now, is the time to give them attention. These cattleyas are grown in pots and baskets and on blocks of wood. For the commercial florist the basket is the better method, for then they can be suspended from the roof, and that's economy of space. A thorough cleaning of the leaves and bulbs is always in order. Scale is their worst enemy and must be removed with something that won't scratch the surface of the leaf, say the handle of the budding knife, and then sponge with warm water.

Peat is the only material that they need for their roots to work in, or on, and then surface with sphagnum. Don't increase the supply of water till the young growths are an inch or so long. Sixty to 65 degrees is the minimum temperature that they should have at any time. While it would greatly check the growth of a cattleya to disturb its roots when in active growth, say the month of April, at any time of the year you can with great benefit pick out and renew any decayed peat or sphagnum from the surface.

Oncidiums.

Oncidium varicosum Rodgersii is grown in several ways, in baskets, pans or on blocks. A shallow pan is the better way. Peat with an addition of broken up charcoal (not dust) suits them well. Do any shifting or surfacing as soon after flowering as you can, because they soon start their new growths. Keep them in a night temperature of 65 degrees.

The dendrobiums are a most beautiful genus, but unless you cut the whole flower bearing stem, or so-called bulb, they are not very useful except in decorations where the whole plant can be used, and then what could be more beautiful than a well flowered D. Wardianum? It would adorn the reception room where Theodore Roosevelt settled the differences of the Czar and the Mikado, all three being represented in person.

D. nobile and D. Wardianum are the two most profitable and easiest man-

Store of the Winona Floral Co., Winona, Minn.

aged, although both are generally worn out in four or five years. Nobile can be renewed by propagating from your own stock, but Wardianum is not so easily increased. They are always better suspended from the roof in small pots or baskets. Their growth is peculiar. About the flowering time, which, with nobile, is in December and January, they send out young growths from the flowering growths. These can be taken off and, if well managed, make the second year fine bulbs that will make the finest of plants. Several, or to be more definite, a dozen of these offshoots can be put into a 12-inch pan.

Although these dendrobiums will endure, during the fall months, a temperature of 50 degrees or a little below, they are tropical and when flowering and making their growths want 65 degrees at night. When dormant, which is before flowering, is the time to repot or surface them. Because you have replenished the little peat around their roots you need not start them growing. If nobile or Wardianum make a start to grow you must let them grow by bringing into warmth or they will not make a growth that will be of any use for next year.

Calanthes.

Calanthes are grown by a few. It's an orchid but does not look like one. Veitchii is the best species, a beautiful spike of pink flowers. They are or will soon be out of flower. When started the latter part of September or October they begin to make the growth which will form the bulb for another year. And after the flower is cut growth must be encouraged and continued until the bulb is fully developed, which may be the middle of April. Then they can be put to rest in any warm corner till next September and kept absolutely dry. They are a truly terrestrial orchid and want for potting material a good fresh loam with a fourth of rotten cow manure and, while making their growth, from now for the next few months, relish liquid manure. William Scott.

ROSES.

Seasonable Hints.

Those roses which were rooted in October or November with a view to planting them for summer bloomers should now be large enough for benching. Such varieties as Kaiserin, Liberty, Ivory, Golden Gate and Chatenay are largely used for this purpose because of their ability to withstand the hot summer weather without showing serious deterioration in size and quality.

By planting now these varieties can, with proper care and attention, be brought into flowering condition by Memorial day, just in time to take the place of those winter blooming varieties which have to be thrown out to make room for the young stock.

Those who have made no provision to have soil in good condition for this purpose will be badly handicapped this season, as it will take considerable time to get soil which has been exposed to the elements all winter into good, hearty condition. Where this system of culture is practiced it will pay to have a good soil shed, where the soil will at least be protected from rain and snow, so that it will be available for use however bad the weather may be.

If the soil is wet or frozen it should be allowed to lie on the bench at a rather high temperature until it gets mellow, when it can be spread and planting proceeded with, following the same methods as recommended for summer planting.

As the comparative lack of sunshine during the first few weeks after planting will incapacitate the young plants from using a very rich diet, it is better to refrain from using bone meal or other fertilizers until they are well started. Careful watering, ventilating and frequent cultivation will constitute the principal requirements for the first three weeks.

When the young plants have taken a good hold of the soil, and show a good growth, they will be greatly benefited by a sprinkling of bone meal, which should be lightly stirred into the soil while cultivating is being done. This can be alternated by a sprinkling of air-slaked lime every two weeks.

Until the warm weather commences and the soil is well filled with roots it is safer to refrain from liquid feeding, as this has a tendency to cause sourness in the soil and has a very sickening effect on young stock. When the weather becomes hot a light mulch will protect the tender roots from the strong sunshine, keeping them cool and materially aiding in keeping up size and quality of bloom.

The summer blooming stock which has been resting during the past two months should now be started, so that a good growth may be obtained by early summer. All the small and straggling wood should be removed, and as the plants are now in a dormant state they won't suffer from a good pruning. The strong canes should be cut back to three or four eyes.

The soil between the plants should be removed as much as possible without causing injury to the roots and the whole surface given a sprinkling of air-slaked lime. The bench should be refilled with a compost of equal parts of rich loam and well rotted cow manure and given a thorough soaking.

The canes should be bent horizontally and tied in that position. This causes the dormant eyes near the base of the plant to break and it is from these eyes the best canes are produced.

The temperature should now be raised to 42 degrees and the house kept rather close till the eyes begin to break, when the temperature and ventilation should be gradually increased until in three weeks it reaches the normal, 56 degrees.

Syringing will have to be practiced every bright day. This not only keeps spider in check but encourages the eyes to break freely by keeping a proper amount of moisture in the atmosphere. As the young growths increase in size the supply of water will have to be apportioned to keep pace, so that they may not receive a check from being over dry, nor get chilled by too much, as they are very impatient of wet feet.

Ribes.

TROUBLE WITH ROSES.

I send you some sample rose plants and soil. What is the matter? These are from a section in one bench that has been replanted three times and given different treatment, but they die within two months. Other plants in the same bench are two and three feet high and give fine blooms. J. J. L.

These plants are to all appearance entirely free from disease, but they are far too weak to make any headway during winter weather; in fact, the two smaller specimens would never make thrifty, profitable plants under any circumstances, not because of their size alone, but because of the very poor quality of wood used in propagating. The soil is good and if properly composted is capable of growing fine stock.

There must be some defect either in the bench or its position in the house. If the drainage of that part of the bench is perfect, and it is not subjected to more heat, cold, or draught than other parts of the house, it must be one of these enigmas "which no fellow can understand." Throw out the plants and soil and give the bench a good washing down, then give it a hot lime wash, fill it with soil composted in the proportions of four of soil to one of decomposed cow manure. Select healthy and stocky plants and water only around the ball for the first three weeks, keep the night temperature 56 degrees, day temperature 60 to 75 degrees, according to intensity of sunshine, ventilate freely on all favorable occasions, and these plants must grow. As soon as they begin to grow cultivate freely, but do not attempt to feed until warm weather begins. Ribes.

HEAD ROOM FOR MUMS.

We want to plant one house next summer with mums, and as it is rather low on the eaves we think of putting in Ivory or Alice Byron. The house is three feet at the eaves, and if we take the plants from sand the first of June, pot them in 2½-inch pots, and plant them in the beds the first of July, will they be dwarf enough to grow, in the thirty-inch head room? Will they throw off good blooms? Is White Ivory more dwarf than Alice Byron? X. Y. Z.

I see no reason why Byron or Ivory should not grow all right with the head room mentioned and if given good cultivation they will make very fair flowers. Buds can be taken on Byron any time after August 10, if they appear as soon as that; two and one-half feet is ample height. I don't know that Ivory is more dwarf than Byron; certainly not as I have grown it. I have had very fine flowers from this latter variety on a 12-inch stem, by taking the August crown. If plants are set very closely together in a bench they are apt to draw up much more and I would recommend X. Y. Z. to plant not less than 8x6 for good flowers. Of the two varieties I would certainly prefer to grow Byron. As I have before stated in these columns I consider Byron the best early white on the market today. Brian Boru.

HARDY CHRYSANTHEMUMS.

Will you kindly publish in your journal a list of outdoor chrysanthemums hardy in the northern states, giving names and colors? A yellow that, without disbudding or any special care, furnishes blooms from one to two and one-half inches in diameter, is frequently seen in gardens, and occasionally a pure white of the same general character and size is noticed; but I would like to get information upon all varieties that may be depended upon for autumn blooms and I am sure others would appreciate a list such as that referred to. S. L.

Not being familiar with the varieties

of hardy pompon chrysanthemums that are grown outdoors in the vicinity in which this correspondent resides, I will not undertake to answer the gentleman as to what special variety he has reference to. There are many good varieties which stand the winters in the New England states. In yellows such varieties as Donkelarii and Mrs. Snyder are of the large-flowering type. What I mean is that they make flowers from two to two and one-half inches in diameter without disbudding. For small flowers there are Golden Fleece, Eagle d'Or, Gold Standard, etc. For white I would suggest Prince of Wales, Queen of Whites and Souvenir Melaine for large flowering, the best for cutting, and for small Rhoda, Labanah, Snowflake and Maid of Kent as among the best. In pinks there are Mrs. Vincent, St. Illoria and Daybreak for large, and Edna, Captivation, Ivanhoe, President and Nellie Bly for small. In red or bronze use Georgiana, Grandeur and Julia Lagravere for large flowers, and Druid Hill, Gold Finch and Princess Louise for small. While this would make up a list that would somewhat cover the ground, it is only a sample of the good things found in the collection of any first-class nurseryman or florist who makes a specialty of such stock. R. A. VINCENT.

TO ROOT REX BEGONIAS.

I would like to know the best temperature of house, sand and air for rooting Rex and flowering begonias?

W. R. G.

The Rex begonias, which are propagated by sections of the leaf, require a higher temperature than the great majority of the flowering species and varieties, and therefore the Rex is most easily propagated at the time that you are firing briskly, say from the middle of December to March 1, but the earlier you put them in the sand the better plants you will have for summer use. An ideal temperature for the Rex type would be 75 degrees for the sand and 60 degrees for the atmosphere. For the flowering varieties 65 degrees for the sand and 50 degrees for the atmosphere will do very well. As most florists know, nearly all flowering begonias propagate freely by cuttings in May and June, when the air of the house is warmer than the sand, but I never could root the Rex varieties at that season.

W. S.

GIVE THE DETAILS.

To those who wish replies to heating questions we would say that the dimensions of the houses, the purpose for which they are to be used, as well as specifications of boilers when these are at hand, must be included in all questions, otherwise a part of the data must be assumed by the person answering the questions. L. C. C.

PLAN FOR WATER HEATING.

How shall we arrange our heating plant for this range: Houses run east and west, without partition walls. One house is 32x100, twelve feet to ridge, one house is 20x68 and two are 16x54, the three latter ten feet to ridge. There is glass in the ends and thirty-two inches in the south wall. All the houses have solid beds eighteen inches high. The boiler pit, eight feet deep, is at the east end of the largest house. A ten horsepower traction boiler is used, with thirty-five 2-inch flues. The top of the supply tank is twenty feet above the boiler floor. J. W. M.

I believe that the best plan would be to use overhead or top heat supplied by a 3-inch riser under the ridge of the thirty-two-foot house and returning by twenty-two 1¼-inch pipes over the benches at a height of eighteen to twenty-four inches, depending upon the crop to be grown. The other houses should be piped in like manner. The 20x68 house will require a 2-inch riser and fifteen 1¼-inch return pipes, while the houses 16x54 will each require a 2-inch riser and eleven return pipes to maintain a temperature of 70 degrees during zero weather. If a lower temperature will answer fewer pipes can be used. If steam is substituted a considerable reduction in heating surface can be made. If it is practicable to run compact coils built out of manifold T's along the partitions or under the walks much less light will be obstructed and equally as good results obtained with many crops. I doubt if the ten horsepower boiler has capacity enough to heat these houses. It certainly has not capacity enough to carry the piping specified, which gives 1,932 feet of radiation, while the boiler is capable of supplying about 1,600 feet. If, as before stated, you can get along with a lower temperature and use less radiating pipe the boiler may carry it. It is poor economy, however, to attempt to get along with a small boiler. L. C. C.

GREENHOUSE HEATING.

That little article that I innocently sent to St. Louis, which I never dreamed would get into print, has gotten me into lots of trouble. It's been a regular hot water circulator. Now I stand by all I said, only the system I attempted to describe was the ideal if starting under favorable circumstances. I did not go into particulars as to what could be done under unfavorable conditions. A communication like that of Edw. Aleck Wallace I like, but the long personal letters from people in trouble I must refer to the hot water professional expert. Mr. Wallace invites me to explain one or two points at which he is at variance and, as briefly as I can word it, I will.

He says: "How about the water becoming lighter under the influence of heat and thus rising to the highest point? Surely, this is as important a factor as the gravitation back to the boiler." I am sure it is but a small factor. The warm particles of the water would rise and do where there is no circulation at all, as the warm particles rise from the bottom of the tea kettle to the surface and surface colder ones drop to the bottom. If there was not the motive power (if it may be called so) of the return pipe the colder particles of water ten feet from the boiler would be pressing back or filtering back through the hotter particles that had later left the boiler. The water in the heater, improperly called boiler, is made lighter than that in the return pipe and its superior weight displaces or forces the hot water out of the flow pipe; therefore the heavier the column of water in the return pipe the faster will it displace the hot and lighter water in the heater. And the speed of the circulation will depend entirely on the difference in weight of the water in the heater and that in the return pipe. Supposing you have two columns of water each six feet high, say in 2-inch pipes or any size you like. They are connected at the bottom by a cross pipe or like the letter U. Half way in this cross pipe you have a valve. Close the valve, fill one of the vertical pipes with boiling water and the other with cold water. They are both the same height. Open the valve connecting these two columns of water and immediately there will be an overflow of the hot water and the cold water will go down in its pipe an inch or two, and that is the power or force which gives us the circulation.

I must admit that Mr. Wallace is correct in stating that according to the science of hydrostatics it makes no difference whether the drop in the return pipe is six feet in 100 feet or a perpendicular drop of six feet. The pressure where the return water entered the boiler would be the same. Yet in practice the perpendicular drop has been proved to be the better method. Perhaps it makes little difference whether there is a rise of two inches in 100 feet or a drop of two inches in the flow pipe, but after leaving the rising flow pipe near the boiler, to enter the house as near as possible level is much better than any great deviation from level.

The arrangement of heating pipes is too large a subject, so I will conclude by referring to the overhead pipe which I "so summarily dismissed." If you were heating the second floor of a factory it would be folly to do anything but place the heater on the ground floor. There are many instances where a heater cannot be placed more than a foot or two below the level of the greenhouse floor on account of the drainage or some other cause. Then to run the main flow pipe near the ridge will undoubtedly help the circulation; but you are wasting the heat and that flow pipe near the roof should be so encased with some asbestos or mineral wool that not a particle of radiation could escape till the water entered the pipes on the walls or beneath the benches. WILLIAM SCOTT.

THE READERS' CORNER.

Twinned Boilers.

ED. REVIEW:—On page 362, in your issue for January 14, F. W. tells how the water is driven out of one boiler into the other, the boilers being set level and twinned, without check valves in the returns. He also asks how a uniform level can be kept in both boilers. In reply to this we would say that this difficulty mostly occurs if the header, the main cross steam connection, is too small to provide an equal pressure in both boilers. It will be necessary to enlarge the present header, or better, place a large equalizing pipe from one boiler to the other. By so doing the pressure will be equal in both boilers, even if one is fired and the other not. With the above arrangement it will not be necessary to have check valves, but check valves are advisable wherever the boilers are valved off. R. & R.

The Rose Society.

EDITOR REVIEW: I have just read the article by Benjamin Dorrance, "The Rose Society." It is a shame that he has to make such an appeal to the rose

men. The foundation of our business is the rose. A florist's store without a rose? Think of it! We all, every one of us, ought to be most interested in the Rose Society. Every florist ought to be a member and support it in every way possible. S. M.

VIOLETS.

The Situation at Rhinebeck.

The very many violet growers in the vicinity of Rhinebeck, N. Y., as well as other sections, have experienced one of the worst years financially that have been known since the development to large proportions of the cultivation of the fragrant, modest little flower. There is no better bloom grown, either in color, size or perfume, than is found in Rhinebeck. The flowers of the best growers have been fully up to the average in quality this year; yet the cut in price has been really appalling. There are many causes alleged, among them, and perhaps foremost, the great financial straits in New York and other large cities.

The violet is truly a rich man's flower. Its freshness is its perfection and so it must be replaced very often, thus giving an outlet to the grower, who in turn must study to pick just at the right time and before any of the fragrance or color is lost. The overproduction of poor violets, and there are many, has certainly had its bearing on the study, carefulness and order of the first-class growers, while retailers, in order to dispose of the poor stock at all, have been obliged, no doubt, for their own percentage, to cut on the price of the good stock in order to appease the cry of the "anything that has a bloom" grower. The winter has also been an unusually severe one and the street venders, who are able to thus dispose of the left-over or second grade, have been obliged to go out of business.

As to the future of the violet much is to be said in encouragement to the painstaking grower and the careful shipper. The poor article should, and no doubt will, in the near future be given an honest cut price, thus encouraging or giving impetus to do better or go out of business.

There are very few new plants going up in Rhinebeck this spring. Many of the new growers are discouraged and willing to sell out, truly finding that money does not grow on bushes.

A Rhinebeck Grower.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Peter Reinberg, Chicago, Ill., submits for registration Rose Uncle John, a sport from Golden Gate. Flower opens nicely, like Bridesmaid, and is of a much deeper shade of pink than Golden Gate, which it resembles in all other respects.

H. Weber & Sons, Oakland, Md., submit for registration seedling carnation New Daybreak. The result of a cross between seedlings of Scott extraction on one side and Daybreak extraction on the other, the vigorous characteristics of both these progenitors having been well perpetuated. Color, the true Daybreak shade, which is maintained without fading at any time of the year. Blooms three inches and over in diameter; stems eighteen to thirty inches, and always strong enough to hold flower erect.

Wm. J. Stewart, Sec'y.

Vegetable Forcing.

Carthage, Mo.—Perry Finn has just completed a greenhouse 30x200 for forcing vegetables.

LETTUCE.

All space should be kept filled up as soon as it is vacant. It will soon be too late for planting in raised benches. In these the crop will do all right through the month of March, but when April arrives the sun becomes rather strong and has a flagging influence on the crop, and even with all the moisture, atmospheric and otherwise, that can be given they lose that desired crispness that gives quality to the product. When solid benches are used, or where the crop is grown on the ground level, the natural moisture of the soil will be of material assistance in eliminating this flagging influence and in maintaining quality. Under those conditions, the indoor season can be considerably extended, and with judicious shading even kept on to meet the outdoor crop. But with the raised benches it is different, and I find it better to bring in a crop in cold frames between the indoor and outdoor crops, as the plants are easier managed in frames through the spring months than in the greenhouse, and it gives the space in the latter for other things.

A stock of young plants for this purpose should be kept coming along now. Any time after the middle of February planting may begin. By that time the sun's rays are of sufficient strength to thoroughly warm up the frames through the day, and, with covering at night, they can be kept warm enough. Hardening off of the plants is a very important matter. If taken right from the greenhouse and planted in the frames at once, the change in temperature and the check in planting is apt to be too much for them, and a set-back may result. It is therefore better to set the flats containing the plants in the frame for a week or so, to let them become acclimated before proceeding to plant.

If the soil in the frames is of ordinary good quality, it will not be necessary to change it, but it should be enriched by a liberal application of well-rotted barnyard manure, which should be thoroughly worked into the soil to a depth of at least a foot. This, too, should be done a few days before planting, and the sash bared to the sun through the day and covered up at night to concentrate the heat so that the soil will be warmed up as well as possible to make it more genial for the little plants. And unless the frames are set well down in the ground some rough material had better be packed around the outside to prevent frost from penetrating through the boards.

Several varieties that are hard to do in the greenhouse can be grown without much trouble in the cold frame. With ordinary care leaf rot and such diseases seldom or never attact them there. The Boston Market and Big Boston varieties are the ones we usually employ. Deacon also makes a splendid frame variety. Although a little slower than the others, it is worth waiting for, as it makes a firmer head and stands long before running to seed. W. S. Croydon.

CHICAGO.

The Market.

Most of the wholesalers are in the habit of making pretty close comparisons of their sales, day by day and week by week, with the same period in pervious years and to a good many of them, after looking at last year's record, the business this week looks pretty bad. The corresponding week a year ago was one of the best of the season; this week will not approach it. Not only is business dull by comparison, but the stock is not in sight to do much. However, much of the difference comes in the low prices now prevailing.

Good Brides and Maids are the only items which sell well; there are so few of these that it is hard to satisfy customers. Stiff prices prevail here but the small soft stock hangs fire. Beauties are scarce, except shorts, which are generally of poor quality. Carnations are again easing up, the lower grades needing considerable assistance in the quest for a buyer.

Bulbous stock is in a worse position than ever. Paper Whites are doing little better than previously. They have hardly brought the cost of the bulbs in the past few weeks. Tulips, too, are cheaper than ever before, stock which a year ago readily brought $5 per 100 now going slowly at $3. Valley must be good to sell, and other bulb flowers, including callas and Harrisii, are in the same predicament.

The violets are having as tough a time as the bulbs. There is only one ray of light, and that not a bright one. The fact that every day sees additions to the list of Hudson river growers who are shipping here shows that this market is fully as good as any in the country. But this is a mighty poor week for a comparison of results, for Monday was 20 degrees below zero. The weather man had to go back sixteen years to find as cold a day, and it has not yet warmed up very much. The New York violets were delayed twelve hours on Monday and several shipments arrived badly frozen. Several consignors shipped for the first time Saturday night and as a consequence are not likely to be pleased with results. However, as one party writes that Rhinebeck alone is producing 150,000 a day, if these consignors do not stick, the local dealers feel that doubtless others will be found to take their places. Quality seems to be good with all of them, at least the Campbells produced locally are having a hard time of it. Singles do better.

Various Notes.

A. H. Schneider, of Oak Park, has leased for ten years a piece of ground inside Concordia cemetery on which he will at once erect a couple of greenhouses to take care of the spring plant trade in the cemetery. The place opposite the cemetery formerly run by Mr. Schneider will be in the hands of Ernest Oechslin this season.

Phil Hauswirth is the youngest grandfather so far reported. His son Ed has a little daughter, born January 20.

The Fleischman Floral Company has taken a long term lease on one of the stores in the new Railway Exchange building at the corner of Michigan avenue and Jackson boulevard. Mr. Rubel states that the lease is more a specu-

lation than anything else and that he has not decided whether he will sublet or put in a candy or flower store. The Fleischman Company, he states, has no thought of moving from the Palmer House, where they recently made a new lease.

T. D. Mosconesotes, of the Masonic Temple, has leased a room at North State and Division streets and will shortly open a store there. It is not far from Wienhoeber's on one side and Wittbold's on the other.

The building occupied by the Anderson Floral Company is to be demolished May 1 and Otto Young will build a sky-scraper there.

Bassett & Washburn are still cutting fine Liberties, stock that sells at $2 to $2.50 per dozen.

Peter Reinberg has placed an order with George M. Garland for close to 4,000 feet of iron gutter to be used in rebuilding the big section of his place running from the residence to Balmoral avenue. It will be a big job, and the old houses, only up about ten years, are still in fair shape, but Mr. Reinberg is so well pleased with the high gutter range erected last year that he thinks it will pay to put this piece in the same shape.

On the night of January 22 the Chicago branch of the Pittsburg Plate Glass Company was burned out for the second time within a year. This time it was a total loss, approximately $200,000. The company has booked several good sized orders for greenhouse glass for early spring, but delivery will not be delayed on account of the fire.

On January 20 Herman Rennock, who shot Oscar Kreitling, was found not guilty of murder. In a previous trial the verdict was for conviction.

C. W. McKellar is making orchids a specialty, handling laelias and others as well as cattleyas and cypripediums.

James Hartshorne brought vases of Dorothy Whitney, Fiancee, Harlowarden, Reliance and Crusader to the Growers' Market last Saturday. It was all very good stock and he booked a number of orders for cuttings on the strength of the display. He says he already has orders for 175,000 Fiancee, to be sent out in 1905.

It is reported that labor troubles are imminent in the wooden box factories and the wholesalers are filling all available space with boxes "in the knock-down."

The Florists' Club will hold its second outside meeting this evening at Metropolitan hall, 856 North California avenue. The subjects scheduled for the last regular meeting, having to do with greenhouse building, will be discussed.

W. H. Hilton is at home from his trip to Cuba, having stopped for a day or two in New Orleans.

Mardi Gras at New Orleans comes February 15 and 16. It always brings a good many orders to this market.

Benthey & Co. are going into the rooted cutting business on an extensive scale, having made arrangements to supply practically everything in this line.

Leonard Kill has recently proposed twenty-four names for membership in the Florists' Club.

H. W. F. Goetz, with John B. Goetz, Saginaw, was a recent visitor.

C. Pruner, of Winterson's, is at his home in Ohio trying to get well.

John Zeck, of J. A. Budlong's, has been hobbling this week as the result of a fall on the ice which severely injured one knee.

J. Stern, the Philadelphia supply dealer, was in town this week, visiting his brother and the trade.

NEW YORK.

The Market.

The opening of the week finds us enduring another siege of old-time winter weather, the outskirts, doubtless, of the cold wave that envelopes Chicago in a temperature of 20 degrees below zero. A few hours ago it was raining and overcoats were a burden. Now the festive ear muff is again in evidence. These sudden changes keep the growers on the anxious seat and accentuate the universality of the bronchial epidemic, which seems to affect about everyone in the trade.

There seems to be enough and to spare of every kind of cut flower stock. The very finest American Beauties touched 40 cents occasionally last week and Maids in a few special lots reached 12 to 15 cents. There was little change in the ordinary grades. Violets and carnations are plentiful and superb again in quality. Orchids are being called for by out-of-town buyers and hold steady.

Bulbous stock of all kinds commands low rates in comparison with last year, and in fact everything, when compared with the same dates in 1903, shows a marked recession from the prices then obtained. The outlook for improvement is some brighter, and a continuation of extreme cold weather will doubtless be reflected in a general improvement in demand. All the social functions, the opera, weddings and dinners are in full blast and balls of national repute will fill the intervening weeks till Lent with abundance of festivity and floral decorations.

Various Notes.

"Carnation night" at the next meeting, on February 8, of the New York Florists' Club promises to be of unusual interest. The rooms at the Grand Opera House building, corner of Twenty-third street and Eighth avenue, will be crowded, not only with members and exhibitors, but the ladies have been invited to attend the exhibition and will be the recipients of special courtesy. Not only members of the club who are carnationists are expected to exhibit, but displays will be welcomed from any grower desiring to place flowers of any kind on exhibition. They may be sent to Secretary John Young, 51 West Twenty-eighth street, who will properly care for and stage them for any unable to give them personal attention. Exhibits are expected from the leading growers of the country. It will be a splendid opportunity for all having novelties to make a preliminary display prior to the great convention a few weeks later, at Detroit.

Friday of this week is Carnation day and McKinley day, and it is much to be desired that the enthusiastic efforts of our friend Altick, of Dayton, in behalf of the McKinley memorial fund, are meeting with merited recognition and that the custom of wearing a carnation on January 29 in memory of the martyred president may be universally observed.

A. J. Fellouris is receiving splendid stock of galax and leucothoe daily and reports a busy season.

Nicholas Lecakes, of Twenty-ninth street, whose dealings in green goods of every kind have been rapidly increasing, has sailed for a well earned rest in Europe and will doubtless plant wild smilax on Mars Hill and in the pass of Thermopylæ before his return.

The large phœnix sold by the collector of the port of New York last week on account of siezure by the customs authorities, were disposed of at famine prices, some stock worth $20 going at $4. Few florists were in attendance. The plants were ten to twelve feet high.

Charles Millang's conservatory proves a great convenience for city florists and the number of palms, ferns and flowering plants handled daily there is far in excess of expectations. Mr. Millang contemplates adding considerably to his room and facilities, having leased the whole building at 50 West Twenty-ninth street. He disposes of several thousand small ferns daily.

Crowæanum holds steady at $1.50 per 100 at John I. Raynor's, the only New York source of supply for this beautiful novelty.

J. K. Allen is receiving a nice stock daily of the fine pink gladiolus Shakespeare, excellent quality for the season and for which there is a ready sale.

F. R. Pierson's new dark crimson carnation is a beautiful thing. It originated with W. C. Russell, superintendent of the C. F. Dietrich estate at Millbrook, and the stock was purchased by Mr. Pierson. The Pierson Co. also has a good novelty in a new smilax, Medeola asparagoides myrtifolia, a German introduction for which they have the American agency.

The winter residence of R. W. Clucas, of Clucus & Boddington Co., was erroneously stated in my last to be Orange. It should have been Summit, N. J. This firm has just received a large shipment from Japan of flowering wistarias, plums, peaches and cherries trimmed in attractive shapes and in fine condition, also immense quantities of tuberoses from their southern plantation.

On Thursday evening the fifth annual dinner of the Tarrytown Horticultural Society will be held in the new hotel there and the secretary, Mr. Newbrand, announces the certainty of a large attendance.

Benj. Dorrance, of Dorrancetcn, Pa., will bask in the sunshine of the Florida climate during the balance of the winter.

Paul Dailledouze was delighted with his western visit, and the courtesy of his reception everywhere.

The trade extends its sympathy to A. L. Don, of Weeber & Don, seedsmen, in the loss of his mother in Scotland. The deceased lady was in her eighty-seventh year.

Hicks & Crawbuck, of Brooklyn, find the florists' supply department a good business venture, and have just added a fine team and new wagon to their facilities.

Theo. Paits, one of the old-time florists of New Lots avenue, East New York, died suddenly and alone at his greenhouses last Wednesday. For years he made his daily calls on the florists with hyacinths and valley as his specialties and personal memories of his frequent visits ten years ago remind me of his faithfulness to promises and sterling honesty that more than atoned for ec-

centricities. He was very fond of animals and a peculiar coincidence was the death of a faithful horse at the same hour he passed away. He was nearly 70 years old.

The proximity of the Detroit carnation convention developes a widespread interest in the east and a good attendance is certain from New York and vicinity. The railroads have announced a fare of one and one-third rate for intending visitors. It is quite likely a Pullman will be filled for the journey via the West Shore.

One of the most interesting exhibits at the great automobile exhibition here was that of the Caldwell Lawn Mower Co., of Newburg, N. Y. It was a steam lawn mower and its value for parks and large estates is evident. Its weight is about one and a half tons. It can be used as a roller, as well as a mower and attracted much attention at the show, which was attended by over 100,000 visitors.

The Bowling Club elected as officers of the new organization Wm. Siebrecht, president; Jno. B. Nugent, treasurer; Wm. Ford, secretary; Theo. Lang, captain. The second meeting was a most harmonious gathering, and thirteen members again demonstrated the luck of the proverbial unlucky number. Patrick O'Mara was present, still recuperating from his long struggle with Job's comforter, but will be in condition for his share of the sport by next Monday evening. The full membership is expected to total twenty. The scores follow and show marked improvement. Philadelphia and Flatbush may look for challenges before another moon.

Player.	1st.	2d.	3d.	4th.	5th.
Ford	142	157	155	148	164
Siebrecht	158	137	165	130	132
Young	132	115	133	126	126
Raynor	133	158	141	132	118
Traendly	136	141	187	100	116
Gibbs	109	140	105	141	112
Shaw	141	114	115	116	138
Frank	147	151	111	144	150
Craw	127	93	124	91	95
Nugent	95	81	101	84	161
Elliott	139	123	107	...	...
Lang	143	193	...	...	...

J. Austin Shaw.

ST. LOUIS.

The Market.

Business seems to have improved somewhat the latter part of the past week and the demand for stock is greater than for the last ten days. Since last writing we have been treated to some real winter weather, with a good fall of snow. This kind of weather will no doubt make a scarcity in the market. During the past week there were a number of dinners, weddings, receptions and other entertainments, which used up considerable stock. Counter trade is better and the downtown dealers claim that they see quite an improvement in this line. The street corner men are not able to sell in this kind of weather.

In carnations the market is well supplied, especially with pink sorts. Others seem in big demand. All whites sell well; the price on these is not so high; $2 to $4 buys a hundred fairly good blooms. Fancy stock runs $5 to $6. The best stock comes from Henry Baer, of Peoria, Ill. This stock is very fine and sells quick at top prices.

The rose market is somewhat weak but the demand is good for choice stock, the shortage of which seems general. The price is rather high, the best being not very fancy. The best of the Brides and Maids bring $6 to $8, Meteors as high as $10 and Gates $4 to $6. The market is not likely to be relieved if this cloudy weather continues.

Violets are in big demand and none too many are in the market. The price the past week was 75 cents per 100 and they are likely to go up to $1 this week. The quality of the stock is very fine. Bulb stock is still plentiful, but in better demand, as funeral work uses much of this, especially Romans and Paper Whites. These sell at from $1 to $3 per 100. Callas are in big demand at $12.50 as Harrisii are not in the market yet. Valley is very plentiful at $3 and $4. Most of the tulips are very short-stemmed to bring regular price. Freesias are scarce. A big lot of galax was sold last week, more bronze than green. Smilax, too, is selling well at 15 cents per string, also Asparagus plumosus and Sprengeri. Ferns have gone up to $2 per 1,000.

Various Notes.

Dr. A. S. Halstedt, of the St. Clair Floral Company, Belleville, was a caller last week. He reports that the Belleville florists have been kept very busy of late with funeral work. His new range of Dietsch houses is all ready for the glass and he says that the new addition will give the company much needed room.

It was learned at the Missouri Botanical Gardens that George E. McClure, whose home is in Buffalo, son of the well-known George, of that city, is to desert the ancient order of bachelors and become a benedict. He will lead to the altar Miss Ida Norton, librarian at the Missouri Botanical Gardens, on the morning of February 1. Congratulations are now in order and I know the members of the club are with me in wishing the young couple much happiness.

J. H. Hadkinson, superintendent of floriculture at the World's Fair, visited Omaha the past week on business connected with his department. The meeting of the committee from the club will take place this week.

J. S. Stern, of Philadelphia, was with us last week, selling florists' supplies. Jos. Roelker, of New York, was also a caller, selling bulbs.

Miss Birdie Jordan McDermon, youngest daughter of the late John M. Jordan, died last week at the home of her mother on Bacon street.

Henry Laucher, formerly with Edwin Lonsdale, Philadelphia, and later with John Brod, Niles Center, Ill., has taken a position with F. C. Weber, at 4326 Olive street.

Mayor Wells has asked for an additional bond of $550,000 from the exposition authorities as a guarantee to restore the western part of Forest Park to proper shape after the fair. A bond of $100,000 has already been filed.

William Adels has left the employ of F. H. Weber and is now with Fred Foster, at 505 Olive street.

Fred Ammann, of Edwardsville, Ill., spent Sunday in St. Louis with friends. Fred reports everything all O. K. at his place and that he had a visit from his friends, Messrs. Steidle and Jablonsky. In company with Mr. Jablonsky and his foreman, Henry Blixen, he will pay a visit to Chicago growers next week.

J. J. B.

Battle Creek, Mich.—H. M. Burt has opened a branch at Bradshaw's drug store at Marshall.

ART IN FLORAL DESIGNING.

Like Mr. Donaghue, I "make up" flowers for a living, but must confess that instead of dulling the artistic perception, daily contact with this kind of merchandise has rather sharpened it. Neither has the study of human nature over the counter interfered with the development of a taste for the purer and sweeter objects which we call flowers. The financial part certainly is very essential, as is also the part of pleasing the patron. When I find that my ideas conflict with those of the customer, mine are immediately resigned. And it is well by the way, to be open to suggestions from customers. I am indebted to them for many valuable ideas. But at the same time, it might be suggested to Mr. Donaghue that he implant and cultivate in his patrons, as opportunity offers itself, an appreciation of the highest type of work he is capable of producing. And all this for his own benefit. This cannot be done in a minute; it takes long time, and patience of the same dimensions.

I have stood behind the counter for years, selling designs, and turned around and put up my own orders, and can testify to the fact that it pays, as well as pleases, to do things in the most artistic manner possible. Describe and illustrate different styles of work, until you hit upon a style that pleases the customer, but the working out of the details belongs to you. Be able to do rich, massive work, but be able also to spin misty sprays and garlands, like Mr. Donaghue's, but don't leave them in the air as he does. Fasten them on your pillows, wreaths and columns when you have opportunity to finish off a piece according to your best judgment. There isn't one customer in 500 who would ever inquire whether a design is lined with tinfoil, or any other kind of foil, if it pleases her in other respects. By all means study the inclinations of your patrons, each one individually. Know to whom you dare to make suggestions, and as well those who would not welcome your ideas. But there are dozens of people who prefer your suggestions to one who has a stiff preference for her own.

A piece that is poorly designed and well constructed is worse than a good design poorly constructed. It is all an error to suppose that beginners cannot take artistic instruction from the start, as well as mechanical details. Let them think along both lines at the same time. A large per cent of the designs sent out as models and samples are not up to the standard which they should reach. We have used Long's because they are almost the only ones available, and it is too expensive to make enough of our own. But many a time we have suggested improvements on these designs, while discussing them with customers, and they appreciate any such interest and suggestions.

Gertrude Blair.

Lexington, Ky.—J. P. Keller says that they built three greenhouses last season and expect to put up two more this spring, for trade is better than ever. He says that the building of interurban trolley lines helps them considerably. Mr. Keller manages the city store and his father directs the growing at the greenhouses.

Plant an adv. in the Review and see your business grow.

OAKLAND, MD.

Death of Henry Weber.

Henry Weber, the senior member of the firm of H. Weber & Sons, died at his home in the suburbs of Oakland, at 2:15 on the afternoon of January 21, after an illness of several months. He was 68 years of age and widely known in the trade. The funeral took place on Saturday afternoon, January 23.

Mr. Weber was born in the Province of Hesse-Cassle, Germany, in 1835, and was a gardener by instinct. He had his own garden as a boy and after completing the usual course in the government schools he was apprenticed to the trade. At 19 he was in charge of the place as foreman. Enlisting in the British army, he saw active campaigning in the Crimean war, in 1854 and 1855. Later he participated in army operations in New Zealand, Asia and Africa, continuing in the service for ten years. In 1865 he came to America to join a brother, John, who had preceded him. The two engaged in market gardening near Mt. Savage, Md., continuing for five years. In 1870, Mr. Weber, having sold his interest in the business, removed to Cumberland, Md., and started at market gardening and plant growing. In 1879 he bought the property at Oakland where he has since lived. It was almost a marsh when he bought the land, but he converted it into an ideal property for growing cauliflower and celery for market. Soon, however, he was attracted to the possibilities in the line of florists' plants and cut flowers and in a few years developed this branch to large proportions. He was always alive to the value of the best cultural methods and was one of the first to take up the good work which has placed the carnation in the forefront as a florists' flower. Among the best known Weber introductions are Genevieve Lord and Governor Lowndes. Mr. Weber had three sons in the business with him and of recent years had left it largely to their care. One son, William, was vice-president of the American Carnation Society. They will continue the business as heretofore.

CLEVELAND.

The Market.

Business since January 1 has been so light and everything so quiet that there has been nothing to write about during that time. Prices have been gradually falling until at present cut flowers are quoted as follows: Beauties, 75 cents to $3 per doz.; Meteors, Maids and Brides, $4 to $8 per 100; carnations, $1.50 to $4 per 100; tulips, $2 to $4; Romans, $3; valley, $4; violets, single, 50 to 75 cents; N. Y. double, 75 cents to $1; smilax, 15 cents per string. In large quantities these prices have been shaded heavily, and even then lots of stuff has been thrown in the dump pile. The down-town stores have kept very fine window displays, but even that does not seem to create any demand, and they all report nothing doing. The cuts with almost all the growers are light, which fact ought to make them feel very thankful.

Various Notes.

Sutton Parks will open a retail store in the Citizens' Bank building, on Euclid avenue. This location is a good one and is about half way between the stores of Smith & Fetters and the J. M. Gasser Co. Mr. Parks has been in the business for the past six years, is well known and already has a good trade established with the best flower buyers of the city.

The trade has been agreeably surprised by the receipt of a notice from the Cleveland Cut Flower Co., announcing the opening of their commission and supply house at 52-54 High street on February 1. The company was organized under the laws of Ohio and has a capital of $10,000. It will do a strictly wholesale business in cut flowers and handle a full line of florists' supplies and has a force of men manufacturing wire designs. The first move of the new company was to purchase the stock, fixtures and good will of Bate Brothers and the F. R. Williams Co. Messrs. Geo. Bate and F. R. Williams will be found with the new company. E.

DETROIT.

Carnation Convention Plans.

The time has arrived when the carnation grower is thinking of the annual meeting of the American Carnation Society and wants to know what preparation is being made for the success of the meeting, which is to be held in the most central city in the Union, Detroit, March 2 and 3. The local club has been quietly working, has a meeting place that cannot be excelled anywhere and a program that should please all. The meeting will be held in Harmonie Hall, the exhibition on the top floor and the business sessions on the second. This is the same hall in which the S. A. F. met in 1899, and is sufficiently commodious. The banquet will be in the same hall and commence at 7:30 p. m., giving ample time for a pleasant program. The committee having the matter in charge has secured some of the most able speakers in the country for the occasion and a most enjoyable time is expected.

The exhibition promises to be the largest ever held. One grower has already written that he will bring over 3,000 blooms. As the one and one-third fare is secured from the railroads, there is every reason to expect the banner meeting of the society, and if the eastern growers appear with as good a representation as did the western growers at Brooklyn last year, the meeting is an assured success. Detroit has ample hotel accommodations of a first-class order and all who can should be on hand to help and to learn. The visiting ladies who attend will be asked to enjoy the banquet.

There will be three most interesting papers read and discussed, of interest to every member of the society. The president, G. A. Rackham, will be glad to secure hotel accommodations for any one in advance or give any required information. The members of the club will be glad to meet any and all delegations on arrival here and wish to be notified as to time of arrival. They also wish everyone to register on the first day of the meeting and procure their banquet tickets. It is necessary, to secure the one and one-third fare, to procure a certificate on buying a ticket and on arrival here turn it in to the secretary for validation to enable the holder to buy a return ticket for the one-third fare. Now let us get together once more for benefit and a social time.

RAG.

BUFFALO.

Current Topics.

The most optimistic of our brethren pronounce the present state of business as quiet, and all will agree that there are plenty of flowers of all qualities to meet the attenuated demand. Very good long-stemmed tulips have been plentiful for the past week, but are not yet in brisk demand. Violets are in fair supply and few go to waste. Good carnations are always cleaned up. Roses appear to be rather more plentiful just now than is usual at this time of the year and there are too many of second, third and fourth grades. The public has not and perhaps never will fall in love with Golden Gate and Ivory will never sell if there are enough Brides to go around. Not every one wants big roses at an expensive price. A first-class Bridesmaid or Bride should retail now at $2.50 or $3 per dozen at least, and then you can pay the grower what he should have and what it is worth to produce them, but weak necked, limp and poorly colored roses of those varieties are wanted by no one.

And there is where I think there is an opening for most of us to grow perfect flowers of varieties that will produce a large quantity and can be sold at, say, $1 or a little more. W. J. Palmer & Son, of our city, grow a quantity of pretty, old Bon Silene and find a constant and profitable demand for it. Morgan is another variety, and what's the matter with sweet old Safrano, and Wootton seems relegated to oblivion. These varieties may not be the thing for the grower who ships his entire cut, but for the grower who retails his product there is room for at least some of them.

Perhaps Mme. Chatenay will be one of those roses that can be produced in quantity and sell at a moderate price. There is as much need for a dollar-a-dozen rose as for 50-cent carnations; there always will be, and this demand is not filled by a third quality of our finer and more expensive varieties.

We tried to have a meeting of the Florists' Club last Friday, but the slimness of attendance was excusable. W. F. Kasting was taking his forty-third degree of Masonry, better known as the "convivial rites." The secretary was suffering with "rumatis," to which he is a martyr. W. A. Adams could not venture across the street for fear of being drowned in semi-liquid snow. Others had good excuses and the country members could not be expected to travel through the flood. The executive committee decided to make the February meeting a carnation gathering, endeavor to get a few flowers of most advertised new varieties as well as some of the best home-grown standard varieties and a talk on the divine flower by some acknowledged authority, not a Buffalo man, of course, because he could not draw an audience. We shall be delighted to see Flamingo take flight from Syracuse and Lady Bountiful come, accompanied by her Fiancee from the west, and Crusader we will be particularly glad to see if he can leave the Holy Land, and others that can be spared. W. S.

BELLINGHAM, WASH.—The bulb growers of Whatcom and Fair Haven should now be addressed at this place, as the two cities have been consolidated under the name of Bellingham.

THE TRADE AT CLEVELAND.

In the Review under date of January 14 there appeared a notice of the incorporation of The Cleveland Cut Flower Co., by George Bate, F. R. Williams and others, and if space will permit I would like to say just a few words about these Cleveland florists and the Cleveland trade in general.

George Bate and F. R. Williams are among the leading men in the cut flower trade in Cleveland and it is gratifying to know they have joined forces in this new enterprise. Cleveland is fast becoming a great cut flower market and the demands of the trade must be met in an up-to-date and business-like manner.

On the one hand, the grower who sends his stock to market to be sold demands the highest market prices, and usually expects his entire shipment will be readily disposed of. On the other hand, the retailer always wants the best of stock at the lowest price and expects the commission man to let him select it himself. And right here is where the commission man's troubles begin. Only too often stock comes to market in anything but satisfactory condition, and when, in all justice to the grower, the commission man asks the market price for it, the retailer sets up an awful wail. Our wholesale men must use much tact and diplomacy, to say nothing of good common sense, if they wish to suit both retailer and grower, especially if stock is plentiful and weather conditions unfavorable.

And then there is the question of the street fakir to be considered. While he is not particularly active in the winter time, he is everywhere in evidence during mild weather in the larger cities, and is a great help to the grower and the market in general.

The class of people who buy flowers of a fakir on the street seldom patronize a florist's store.

These are questions which have been discussed quite often before and it is not necessary to go into more lengthy details now. But there is a class of florists who are neither wholesalers, store men nor fakirs, but who often do themselves and the market in general more harm than they are aware of. They are the small florists who, when they find that they have more stock than they can sell to their customers or the home trade will persist in peddling their goods to the store men at cut-throat prices. They won't send it to the commission man, who will get for it what it is worth, for they can't bear to think of paying a few cents' commission, but they will drive several miles to market, neglect their greenhouses and spend several hours going from store to store, never thinking of the time they are wasting.

Bate Bros. have made a remarkable record for themselves in the short time they have been doing business. The firm is composed of three brothers, all young men, and hustlers, too, and their modern range of about 35,000 feet of glass is devoted exclusively to growing cut flowers for the wholesale market. Roses, carnations, violets and adiantum are their specialties, and these are always well grown. Robert Hand has charge of the rose section and much credit is due this young grower for the fine stock he produces. The carnations, violets and other items are always good and better adiantums cannot be seen anywhere in Cleveland.

This young firm had much to contend with when they launched upon the sea of business. The houses they bought were getting old, the stock was run down and their capital was not very large. By persistent effort, strict attention to business and fair dealing they have gradually climbed to the top of the ladder, and now they have a fine range of houses in East Cleveland, just outside of the city and a visit to their place is well worth the time and trouble. Clevelander.

Elizabeth, N. J.—Robert Gordon's greenhouses were damaged $300 by fire January 20.

Evanston, Ill.—The twin babies of Joseph P. Brooks, foreman for Weiland & Risch, have been seriously ill with bronchitis, but are now recovering rapidly.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

WANTED—Working foreman; must understand the growing of carnations, mums, bedding stock and be a good propagator; temperate and experienced; state wages expected. St. Louis Carnation Co., Clayton, Mo.

SITUATION WANTED—By a young single man wishing to change; 4 years' experience in general greenhouse work, at present located in Iowa. Address No. 38, care Florists' Review, Chicago.

FOR SALE—Fine chance for an energetic man with small capital to acquire a well-established retail florist store business with best trade in city; also greenhouses (12,000 ft. glass); good location; everything in running order; will sell together or separate at a bargain; cause poor health. Address Schluraff Floral Co., Erie, Pa.

WANTED—A carnation grower; must be single and understand his business well; state full particulars and wages with board and room. Nic Zweifel, Route 10 North Milwaukee, Wis.

FOR SALE or lease in Chicago—four greenhouses well stocked with bedding and other plants; splendid local and shipping trade; several hundred hotbed sash; large acreage for vegetables, with dwelling, barn, horses, wagons, implements etc. Address No. 39, care Florists' Review, Chicago.

WANTED—Some second-hand double A glass. Give size and price. Geo. W. Kiger, R. D., No. 2, Bellaire, Ohio.

WANTED—Florist, an all round man to take charge; small retail place; wages $20.00 per month. Address R. Kaiser, 104 College Ave., Annapolis, Md.

WANTED—At once, a young man for florist's store; must be well up on designs and good store man; must furnish reference; wages $75.00 per month. Address State Nursery Co., Helena, Montana.

SITUATION WANTED—By a single, middle aged man, life experience in cut flowers and pot plants. Address No. 35, care Florists' Review, Chicago.

SITUATION WANTED—By young florist, age 21 years; 6 years' experience; married; no children. Address Gloede, florist, 2012 Grey Ave., Evanston, Ill.

SITUATION WANTED—Position in cut flower store, Chicago preferred, with view of learning business; 1½ years' experience; best of reference; not afraid of work; salary immaterial; age 23. Address No. 36, care Florists' Review, Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40,000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10,000; take $4,000 cash; very liberal terms on balance. Plant worth about $25,000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE OR RENT—Greenhouses, 6,000 feet of glass; hot water; 9-room dwelling. Oak Park, Ill. A. T. Hemingway, 180 La Salle St., Chicago.

FOR SALE—Two second hand tubular boilers, 54 inches by 11 feet; have been used under 35 lb. pressure; $50.00 each f. o. b. Chicago. Cross Press & Sign Co., Blackhawk and Dayton Sts., Chicago.

FOR SALE—Greenhouses; good location for local and shipping business; plant well stocked with roses, carnations, mums and potted plants. Address No. 37, care Florists' Review, Chicago.

SITUATION WANTED—By an energetic man; single; aged 28 years; as working foreman in cut flowers and plants; can furnish good recommendations in both lines. Address A. M., care F. R. Hills, Maywood, Ill.

SITUATION WANTED—As foreman or to take charge of section, by an up-to-date grower of roses, carnations, mums and general line of bedding plants; age 35, single, with 20 years' experience; state wages and give full particulars. Address F. W., care Garden City Hotel, 46-50 Sherman St., Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. 28, care Florists' Review, Chicago.

WANTED—A good all-round florist who can grow a general line of cut flowers and plants; German preferred; wages $35 per month, room and board. Address Wm. Kutschbach, Houston, Texas.

FOR SALE—Stock and favorable lease of an establishment of 12,000 feet of glass, carnations and bedding plants. Terms very reasonable, account death of owner. Call or address Mrs. H. McMichael, Wilmette, Ill.

FOR SALE—Commercial place of 11,000 feet of glass near New York; planted in roses and soft stuff; 8 acres of land, dwelling, barn, horse, wagon, etc.; in a No. 1 running order; price $9,000; $4,000 cash; possession at once. Address No. 34, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, at 6c per foot; also some 4-in.; several small and medium sized boilers, and quantity double thick glass at $2.75 per box. Address W. H. Salter, Rochester, N. Y.

FOR SALE—Store and greenhouses; fully stocked; long time lease; good location and doing a good business; ill health cause of selling. Address John Hoeft, 920 N. Campbell Ave., Chicago.

FOR SALE—Greenhouse, about 12,000 ft. glass; a first-class retail and wholesale place; will sell cheap if sold at once. Address W. H. Kreiter, Massillon, Ohio.

FOR SALE—Range of modern greenhouses, 10,000 feet in city of 15,000; have other business 500 miles from this location; will sell at about half cost; two-thirds of purchase price can have 5 years' time on, or any terms to suit purchaser. Good 7-room house. The bare land would sell for half the price asked. For full particulars address No. 24, care Florists' Review, Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Sollay $50.00 new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in. 7½c; 1¼ in., 5¾c; 1¼-in., 3¼c; 3¼-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies No. 1 stock $4.00; No. 2 stock, $5.00. Rubber hose, new 3¼-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass new, 16x24 double, natural gas made glass, $3.50 per box; 14x20 double $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil putty, white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

PUBLIC SALE—I will offer at Public Sale, February 11th, 1904, Greenhouse property, well stocked, 4000 ft. of glass; also 8 room dwelling. Will positively be sold. Call on or address

W. S. TAGGART, St. Clairsville, Ohio.

WANTED.

Wanted by an eastern seed house, **Stock Clerk** for vegetable seeds. Address No. 27, care Florists' Review Chicago.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO-DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

EVERY ORDER CALLS for "GREEN GOODS"

Now-a-days, but we have inexhaustible supplies of Asparagus Strings, Asparagus Sprays, Sprengeri and Smilax. We can supply the market. All we need on the largest orders is time to cut the stock.

All Cut Flowers in Season.

SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	75 to 1.00
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Callas per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $1.50	12.00
Leucothoe sprays	.75

Subject to change without notice.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8 inch stems, per 100	$6 00 to 8 00
Bride maids	5 00 to 8 00

	Per 100
Bride	$5 00 to $8 00
Ivory	5 00 to 8 00
Liberty	6 00 to 15 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Headquarters for EVERGREENS

Order direct from us and you won't be disappointed. We always carry a fine line of Laurel Festooning, made good and full. 5c and 6c per yard Princess Pine Festooning, made all round and heavy, 5c and 6c per yard. Laurel Wreaths, made heavy and fancy, $2.00 per doz. and upwards, according to sizes. Princess Pine Wreaths, made very heavy, $1.50 to $2.00 per doz Holly Wreaths, made extra heavy 50c each; $5.00 per doz. Holly the best in the country, well berried, $5.00 per case, contains 100 lbs. Wild Smilax, extra $4.00 and $7.00 per case. Also a full line of Florists' Supplies. A No. 1 Hardy and Fancy Ferns, $1.50 per 1000. New Crop Bronze and Green Galax, $1.00 per 1000. Also Green Moss in bbls. $1.00 per bbl. All orders by mail, telephone and telegraph will receive our personal attention. Long Distance Telephone 2618 Main and 583-4 Tremont.

HENRY M. ROBINSON & CO., 11 Province St., BOSTON, MASS.

Mention the Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30-36 in. stem	4 00
" " 24-in. stem	3.00
" " 20-in. "	2.00
" " 15-18-in. stem	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100	
CHATENAY, extra select	$10.00 to	$15.00
" medium	6.00 to	8.00
LIBERTY, extra select	10.00 to	15.00
" medium	6.00 to	8.00
SUNRISE, extra select	8.00 to	10.00
" medium	4.00 to	6 00
BRIDE	5.00 to	8.00
BRIDESMAID	5.00 to	8.00
GOLDEN GATE	5.00 to	8.00
PERLE	5.00 to	8 00
CARNATIONS	3.00 to	4.00
ROSES, OUR SELECTION		4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5 00.

Mention Review when you write.

HANDLING LATE BULBS.

What shall we do with Von Sion tulips and Dutch hyacinths that were left over and just now potted up in pans and flats? Must they be at once placed outside or will under the bench answer, well covered over and in a cool house, say 45 to 50 degrees at night? Is it necessary they should freeze, and about when and with what treatment may they be brought into bloom? C. M. B.

These bulbs will be ready and anxious to make roots directly if they are put into pots or flats and given water. Beneath a bench, where it is never over 45 degrees, and covered with four or five inches of soil or tanbark, or any material that will keep the light away from them may do fairly well for them, and in six or seven weeks they will be so well rooted that when put on the bench they will flower quite satisfactorily. It will then be so late in the season, say the middle of March, that they will flower in a night temperature of 50 degrees and require nothing that we call forcing, such as those flowering at this date have required. If, however, you have a frame where you could cover them with a few inches of soil and then stable litter, to keep the soil in the pots or flats from freezing, I would much prefer it than beneath a bench in the greenhouse. Freezing is not at all essential. Tulips and hyacinths freeze hard in the beds when planted out for spring flowering, but they have made roots in the fall before freezing up and make more in the spring, after the frost is out of the ground and before the flowering time. The more active the root growth is in the spring, which late planting induces, the more lasting and beautiful will your tulip beds be in the month of May. W. S.

IN the advertisement of the Chicago Carnation Co., Joliet, Ill., last week the price of cuttings of Gov. Wolcott was given as $4 per 100 and $50 per 1000, where it was obvious that $4 per 100 and $30 per 1000 was intended. The price is correctly quoted in this week's issue.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

VISITED CHICAGO: F. A. Forbes, of Forbes' Seed Store, Plymouth, Ind.

VISITED Oklahoma City, Okla. Jno. F. Geary, representing Leonard Seed Co., Chicago.

VISITED OMAHA: Mr. Robinson, representing Jerome B. Rice & Co., Cambridge, N. Y.

VISITED ROCHESTER, N. Y.: Chas. P. Braslan, of Braslan, Seedgrowers Co., San Jose, Cal.

NEW YORK: The catalogue of Peter Henderson & Co., is delayed on account of a fire at their printers'.

W. F. MASSEY tells the North Carolina tuberose growers to get together and they may easily control the market.

IN general the reports from the catalogue seedsmen indicate that the extreme cold weather is keeping back mail orders considerably.

REPRESENTATIVES of eastern wholesalers are in the west with a knife fresh from the grindstone; "orders" is the watchword, regardless of price.

M. J. SHIELDS, Moscow, Idaho, a large shipper of grass seeds, estimates the grass seed crop of Latah county as worth considerably more than $50,000.

THE trade is just beginning to realize how short many of the standard varieties are. The week's quotations by the wholesale dealers have been thought too high in many cases. Refusals to pass orders at the prices asked, have, however, been followed by orders which in some instances have been refused except at a higher price.

THE drought in the southern and central valley counties of California has at last been broken, and the outlook for the crops is much more cheerful. In some of the southern counties there had been no rainfall of importance or value since last May. A copious downpour in nearly all sections on January 17 was welcomed with universal gratitude. The seed farms in the Santa Clara valley will be much benefited.

REPORTS from the vicinity of Omaha, Neb., show quite a disturbance there. Chilly temperature with occasional hot flushes prevails between the representatives of eastern and western houses. Conflicting statements are given out as to the cause of the short deliveries made by the corn growers. The local dealers put the blame for their failure to make decent deliveries upon outsiders who bought up sweet corn, intimating that the outside parties bought corn that the local people owned through contract. This is considered a lame excuse by those who expected a fair delivery on their contract orders, as they claim to have knowledge that shipments in good sized lots have gone out from the said local dealers at the higher prices which have prevailed. The calmness which usually characterizes the actions of seedsmen and other good business men in cases of emergency is lost sight of and the present temper of the interested parties is hurtful to the well being of the seed trade generally.

CONTROLLING PLANT DISEASES.

At the recent meeting of the American Breeders' Association, W. A. Orton, of the United States Department of Agriculture, discussed plant breeding as a factor in controlling plant diseases. His conclusions are summarized as follows:

Hybrid watermelons resistant to the dreaded watermelon wilt have been obtained. Sutton, of England, has produced potatoes resistant to the disease called "phytopthtora." Milliard produced disease resistant grapes, and Nillson has produced a vetch resistant to peronospora. The United States Department of Agriculture has developed strains of cotton resistant to the cotton wilt. The best of these, the Rivers' Sea Island varieties, produce full crops of cotton of high quality on the worst wilt infected land. This department has also originated the Iron cow pea, which is eatirely resistant to the cow pea wilt, and also to root knot caused by nematodes. Other new hybrid cow peas have been obtained, also resistant to both of these diseases and of better yield and quality.

It has been found practicable to breed for resistance and at the same time increase the value of the other desirable qualities of the variety. Mr. Orton emphasizes the selection of individuals and particularly for the resistance of their "blood" to disease as shown by the disease resistance of a large number of the progeny of individual mother plants. Hybridization should be resorted to when selection fails to accomplish the purpose. In using hybridizing as a means we sometimes have the added difficulty of fixing the types. There is no likelihood that the fungi causing disease will change their habits and become parasitic on the resistant strains.

PHILADELPHIA.

The Holiday Trade.

The January meeting of the Chicago Florists' Club was the occasion for two papers on the holiday trade, which have proved of more than ordinary interest. One paper, prepared by William J. Stewart, covered Boston and New York. Another, written by G. C. Watson, covered this city. Both writers are warm supporters of the future of the Christmas plant, and treated the subject from the plantsman's standpoint. Both papers give an impression that plants are driving cut flowers out of the market at the holidays. With regard to this city, this idea is not borne out by the facts.

William J. Baker obtained a better average price than ever before for carnations. The Flower Market growers produced an immense quantity of the finest Beauties, and sold completely out of all flowers except a few poor teas. Leo Niessen sold more stock and realized a larger amount from Christmas sales than ever before.

More examples might be given, but these are enough. They may be summed up as follows: Cut flowers, more stock produced, more used, prices lower except on carnations. Plants, a slight increase at good prices on foliage and a decided increase also at good prices on choice flowering stock. The volume of business done in plants of all kinds at Christmas is small when compared with that done in cut flowers.

It was a wise move on the part of the Chicago Florists' Club to have exponents of the holiday plant give their views. There is danger in the extremely high prices. There is even more danger in stale stock. There is also a great opening for plant growers, but the field is limited as yet. Midwinter is not the best time to handle plants. At that season the general public prefers flowers, provided they are good and not too expensive. Let us hope they will continue to do so.

PHIL.

ROCKFORD, ILL.—Mrs. J. J. Soper has won an automobile in a raffle, holding only one ticket in over 15,000 sold.

SPRINGFIELD, ILL.—The W. T. Buckley Plant Co. has lost a good many geraniums by frost during this cold spell.

NEWARK, N. J.—Holderman & Wolfinger lost, but not heavily, through smoke and water from a fire above their store on the morning of January 17.

EUROPEAN DEPARTMENT.

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Bulb Growers

LISSE, HOLLAND,

Beg to announce the arrival of their representative Mr. JOHN H. BOCKMANN in the U. S. A. Please address all communications up to May 1s

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136 Water St., **NEW YORK.**

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Grass, Clover,

AGRICULTURAL and FOREST TREE SEEDS

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FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c	¼ oz., 50c	oz.,	$1.50
SALVIA Nana Comp., Bonfire	" 25c	¼ oz., 75c	oz.,	2.50
PYRETHRUM Golden Feather	" 15c	¼ oz., 30c	oz.,	1.00
PETUNIA, large flowering, fringed, mixed	pkt.,			.50
PETUNIA, double, large flowering, fringed, mixed	"			1.00
STOCK Imp. Giant Perfection, white	pkt., 25c	¼ oz., $1 50	oz.,	5.00
STOCK Snowflake, white	" 25c	¼ oz., 2.50	oz.,	9.00

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Asparagus Plumosus Nanus	per 100 seeds,	$1 00
	" 1000 "	9 00
Asparagus Sprengeri	per 100 seeds,	35
	" 1000 "	3 00
Asters—Queen of the Market, separate colors or mixed	per trade pkt.,	25
Dracaena Indivisa	per oz.,	25
Smilax	"	35
Stocks—Cut and come again	"	3 00
Verbena—Mammoth, separate colors or in mixture	trade pkt.,	25
Kentia Belmoreana, per 100 seeds, 70c; per 1000,		5 00
" Forsteriana, " " 70c; "		5 00
Dracaena Canes—Terminalis True	per foot,	20
Bamboo Canes—6 to 8 feet	per 1000,	6 00
Mushroom Spawn—The genuine English "Milltrack" brand	per 1000 lbs.,	7 00

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SINGLE	Per doz.	100	1000
Scarlet	35c	$2.50	$22.50
White	35c	2.50	22.50
Crimson	35c	2.50	22.50
Rose	35c	2.50	22.50
Yellow	35c	2.50	22.50
Mixed	30c	2.25	20.00

DOUBLE	Per doz.	100
Scarlet	60c	$4.50
White	60c	4.50
Crimson	60c	4.50
Rose	60c	4.50
Yellow	60c	4 50
Mixed	50c	4.00

GLOXINIA CRASSIFOLIA ERECTA—Giant Flowering, Carefully Selected Bulbs from a Specialist in Ghent

	Per doz.	100
Mixed, first size, 1 in. and over	40c	$3.25
Mixed, large size, 1¼ to 1½ in	50c	4.00
Mixed, extra large, 1½ to 2 in.	65c	4 75

	Per doz.	100
White, extra large, 1½ to 2 in	75c	$5.00
Blue, " " 1½ to 2 in	75c	5.00
Spotted, " " 1½ to 2 in	75c	5.00

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TORONTO.

The Market.

The weather during the last week has held to the traditions of the genuine old-fashioned winter. When it did decide to give us what sometimes is called a January thaw, about six hours was all it could spare. This has had its effect on the cut flower trade, and one of the most noticeable features has been the rise in the price of roses to what is known as Christmas prices. Carnations have been scarce, that is, good stock. Bulb stock of all kinds is coming plentifully now, which is helping considerably to make up for shortages in roses and carnations.

The severe weather has almost entirely demoralized train service, so that we never know when express goods are coming in or when stuff sent out by express will be delivered. Trains are running from five to twenty-four hours behind time.

Various Notes.

The Gardeners' and Florists' Association held its annual election of officers in St. George's Hall on January 19, when the following officers were elected and installed for the ensuing year: President, W. H. Ford; vice-president, Geo. Douglas; second vice-president, Geo. Manton; treasurer, Geo. Mills; secretary, E. H. Collins; executive committee, W. Muston, T. Manton, W. Jay, D. Robinson, J. H. Dunlop, H. Dillemuth, J. Ede; representatives to the exhibition board, W. Jay and T. Manton.

W. J. Lawrence is at present cutting some nice Harrisii lilies. His roses are considerably off crop at present, which I might say is quite a common complaint with so many of the florists around town.

Among the younger growers who have lately embarked in business on their own account, Geo. Allan, of Toronto Junction, and John Milligan, of Mimico, are certainly making very creditable showings, their principal stock being carnations, and these have had good sale.

John Cotterill, who for years has had a reputation as a grower of Asparagus plumosus, has this year gone more extensively into carnations, violets and bulb growing and is sending in quite a quantity of good stock. His big houses of asparagus have been supplying the bulk of the asparagus put upon the Toronto market during the last two or three weeks. D. J.

TEXARKANA, ARK.—M. S. Stegall says trade was splendid for Christmas, and has kept up well ever since.

ORCHIDS
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I can always supply limited quantities on short notice. With reasonable notice can supply large quantities.
Cattleyas, $6 doz. Laelias, $2 to $3 doz. Cypripediums, $2 doz Calanthes, $2 doz
All other seasonable flowers at Current Chicago Market Prices.
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CYANIDE FOR WHITE FLY.

EDITOR REVIEW: In your issue of January 7, I note that J. E. P. would like to know how to get rid of that little white fly. We had lots of trouble with the same fellow for the past two years, but I think we are entirely rid of it now.

I use two jars of any description, holding about one quart, as the mixture is liable to boil over. It consists of one ounce water, one ounce sulphuric acid, three-fourths of an ounce of cyanide of potassium. I use this quantity in each of the two jars for a house thirty-three feet long, twelve feet six inches wide and eight feet two inches to the ridge, inside measurement, even span. Allow the mixture to remain in the house all night and use two nights in succession. I also paint two of the hot water pipes with equal parts of lime and sulphur mixed with sour milk and let the latter remain on the pipes all winter.

J. E. P. will find the above too unpleasant for the fly to stay with him very long after the above dose. I have also noticed we have been free from tomato rust and blight since using the sulphur and lime on the pipes. S. J. TRESPESS.

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

RICHMOND, VA.—Business continues good. Frank Mosmiller reports the holiday sales as twenty-five per cent ahead of a year ago.

NEWBURG, N. Y.—The Schaefer Co. has been incorporated, capital stock $50,000, by Sadie A. Chadborn, F. C. Chadborn and G. F. Chadborn, to take over the business of F. J. A. Schaefer's Sons.

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Philadelphia, Jan. 27.

		Per doz.
Beauties, Specials		$6.00
" Extra		5.00
" No. 1	$ 3.00 to	4.00
" Shorts	1.50 to	2.00
Queen of Edgely, Extra		4.00
" " No. 1	2.00 to	3.00
" " Shorts		1.50
		Per 100
Bride and Bridesmaid, Specials	$10.00 to	$15.00
" " No. 2	4.00 to	6.00
Golden Gate, Firsts	10 00 to	12.00
" " Seconds	4.00 to	6.00
Liberty, Firsts	25.00 to	40.00
" Seconds	6.00 to	15.00
Meteor, Firsts	10.00 to	12 00
" Seconds	4.00 to	6.00
Perle	4.00 to	8.00
Sunrise	6.00 to	10.00
Ideal	6.00 to	12 00
Orchids, Cattleyas		60 00
" Vandas	20.00 to	25.00
" Laelias		25.00
" Cypripediums		15.00
Carnations, Commons	1.50 to	2.00
" Fancies	3.00 to	5.00
" Novelties		8.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings		50.00
" " Sprays		2.00
" Sprengeri "		2.00
Callas	8.00 to	12.50
Daisies	.50 to	.75
Hyacinths, Roman	3.00 to	4.00
Daffodils	2.00 to	6.00
Tulips	3.00 to	4.00
Freesia	3.00 to	4.00
Gardenias		50.00
Lilium Longiflorum	10.00 to	15.00
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Mignonette	2.00 to	4.00
Narcissus	3.00 to	4.00
Pansies	.75 to	1.00
Smilax	12.50 to	15.00
Stevia	.50 to	1.00
Sweet Peas		1.50
Violets	.75 to	1.50

Lilac, $1.00 to $2.00 per bunch.

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New York, Jan. 27.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	10.00 to 12.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 12.00
Liberty	4.00 to 35.00
Meteor	2.00 to 8.00
Cattleyas	25.00 to 50.00
Cypripediums	10.00 to 15.00
Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 2.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, bunch	25.00
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia, per bunch	.15 to .20
Gardenias	35.00 to 50.00
Hyacinths, Roman	1.00 to 2.00
Lilac, per bunch	.50 to 1.00
Lilies	8.00 to 10.00
Lily of the Valley	1.00 to 3.00
Mignonette, ordinary	1.00 to 2.00
" fancy	3.00 to 6.00
Narcissus	1.00 to 3.00
Smilax	8.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips	1.00 to 2.00
Violets, ordinary	.35 to .50
" extra	.50 to 1.00

Galax, $1.00 per 1000.
Common Ferns, $1.00 per 1000.

Southern Smilax, **No. 1 quality,** only **$5 50** per 50-lb. case.

Be sure and try it when you want Smilax.

Galax, bronze or green, 75c per 1000, discount on large orders. **Laurel Festooning,** No. 1 quality, 4c, 5c and 6c per yard, always on hand and large orders filled at short notice.

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If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Buffalo, Jan. 27.

	Per 100
Beauties, Specials	$25.00 to $50.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.50
" Shorts	2.00 to 4.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	2.00 to 4.00
Cusin	2.00 to 8.00
Golden Gate	2.00 to 8.00
Liberty	3.00 to 10.00
Meteor	2.00 to 8.00
Mrs. Morgan	2.00 to 8.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.50 to 4.00
" Novelties	5.00 to 8.00
Adiantum Cuneatum	.60 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 12.50
Camellias	5.00 to 10.00
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
Lilac	15.00 to 25.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.50 to .75
Smilax	15.00
Sweet Peas	.50 to .75
Tulips, single and double	3.00 to 4.00
Violets, ordinary	.40 to .50
" extra	.60 to 1.00
Galax	.10 to .15
Leucothoe	.50 to .75
Common Ferns	.15 to .20

ONE of the handsomest calendars of the season comes from Martin & Forbes, Portland, Ore.

NILES, O.—Chas. L. Adgate has purchased a tract of thirty acres just outside of town and will shortly remove his greenhouses to it.

KNOXVILLE, TENN. — Charles W. Crouch has purchased the building at 523 Gay street, and will move his retail store there as soon as the present tenant can vacate and the room can be remodeled. It is a fine location and will make a handsome store.

DOBBS FERRY, N. Y.—The regular meeting of the Dobbs Ferry Horticultural Association was held Saturday evening, January 16, President Henderson in the chair. Two new members were elected. An essay was read by Mr. Henderson which was well received and for which he was given a hearty vote of thanks. A lively discussion followed and a very enjoyable evening was spent.

GALAX. Bronze or Green, 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

Florists' Supplies of every description.

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DIRECT FROM THE GROWER
No Middleman.

BRIDES and MAIDS A SPECIALTY.

Prices lower than elsewhere. Try me.

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(The Rose City.) MADISON, N. J.

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WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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Wholesale Cut Flower Prices.

Chicago, Jan. 27

	Per doz.
Beauties, 36-inch stems	$5 00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100, $6 00 to	8.00

	Per 100
Bridesmaids, Specials	$6.00 to 10.00
" Firsts	4.00 to 5 00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8 00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	4.00 to 5.00
" Common	1.50 to 3.00
Violets	.75 to 1.00
Paper Whites	2.00 to 3.00
Romans	3.00 to 4.00
Tulips	2.00 to 4.00
Freesia	3.00 to 4.00

Easter lilies, $2 00 doz.
Callas, $1.50 per doz.
Mignonette, $1.00 to $1.50 per doz.

Valley	2.00 to 4.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00

Smilax, $1.50 per doz.
Common ferns, per 1000, $2.50.
Galax Leaves, $1.00 per 1000.

Pittsburg, Jan. 27.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids Specials	12.00 to 15.00
" " " Extra	8.00 to 10.00
" " " No. 1	4.00 to 6.00
" " " No. 2	2.00 to 3 00
Cusin	4.00 to 8.00
Golden Gate	4 00 to 12 00
Liberty	4.00 to 20.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 3.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8 00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 4.00
Callas	8 00 to 10 00
Daffodils	2.00 to 4.00
Daisies	1.00 to 1 50
Freesia	3.00 to 4 00
Hyacinths, Roman	1.00 to 3.00
Lilac	1.00 to 1.50
Lilium Harrisii	12 00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	2.00 to 4 00
" fancy	6 00
Pansies	1.00 to 1.50
Smilax	12 50 to 15.00
Sweet Peas	.50 to 1 00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.0
Violets, ordinary	.50 to 1.0
" extra	1.5

Oshkosh, Wis.—John Nelson's boiler gave out during this cold spell, but he was able to save the stock.

Easton, Pa.—Business has continued good since the holidays. Arthur L. Raub & Co. report a great run of funeral work. White stock is very scarce. The weather has been very cold.

BRANT & NOE
FLORAL COMPANY,
58–60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
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ALL Florists' Supplies,
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Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
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With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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Special attention given to Hardy Cut FERNS.
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Telephone Central 3284.
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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Lily of the Valley
of good quality always on hand.
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134 to 144 Herndon St., CHICAGO.
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All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

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Wholesale Cut Flower Prices.

Detroit, Jan. 27.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	20 00
" Shorts	$10 00 to 15.00
Bride and Bridesmaid, Specials	8.00
" " Extra	7.00
" " No. 1	6.00
" " No. 2	5.00
Cusin	4.00 to 6.00
Golden Gate	4.00 to 8.00
Kaiserin	5.00 to 8.00
Meteor	4.00 to 8.00
Mrs. Morgan	4 00 to 7 00
Perle	4.00 to 8.00
Orchids—Cattleyas	50 00
" Cypripediums	25.00
Carnations, Common	1.50
" Selects	2.00
" Fancies	5 00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	40.00 to 60.00
" " sprays	2.00 to 4.00
" Sprengeri, "	2 00 to 4 00
Callas	10 00 to 12.50
Freesia	4.00 to 5.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	3.00 to 5.00
Mignonette, Fancy	4.00
Narcissus	4.00
Smilax	12 50
Sweet Peas	1 00
Violets, Ordinary	.50
" Extra	1 00
Galax per 1000	1.00
Leucothoe	1 00

Cincinnati Jan. 27.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	25 00 to 35.00
" No. 1	12.50 to 20 00
" Shorts	4.00 to 10.00
Brides and Maids, Specials	10.00
" " Extra	8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3 00 to 10.00
Perle	3.00 to 8 00
Sunrise	3.00 to 8.00
Carnations, Common	1.50 to 2.00
" Selects	3.00 to 4.00
" Fancies	4.00 to 8.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	3 00 to 4.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15 00 to 20.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Tulips	3.00 to 4.00
Violets, Ordinary	.35
" Extra	1.50

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Seedsmen and Wholesale Florists.

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316 Walnut Street, CINCINNATI, OHIO.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Jan. 27.

	Per doz
Beauties, Specials	$6.00 to $9.00
" Extra	4.00 to 5.00
" No. 1	2.00 to 3.00
" Shorts	.75 to 1.50
	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
Carnot	6.00 to 8.00
Golden Gate	5.00 to 8.00
Kaiserin	4.00 to 8 00
Liberty	4.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Common	3.00 to 4.00
" Selects	5.00 to 6.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.25 to 1.50
" Sprengeri, "	1.25 to 1.50
Callas	12.50 to 15.00
Freesia	3.00 to 4.00
Hyacinths, Roman	1.00 to 3.00
" Dutch	4 00 to 6 00
Lily of the Valley	3.00 to 4.00
Mignonette, Ordinary	2.00 to 3.00
" Fancy	4 00 to 5.00
Narcissus	2 00 to 3.00
Poinsettias	15.00 to 25.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 1.50
Tulips, single	2.00 to 4.00
Violets, Extra	.75 to 1.00
Galax	.15
Common Ferns	.20

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF....SELECT VALLEY and AMERICAN BEAUTIES

Write us when in need of CHOICE STOCK. A complete line of FLORISTS' SUPPLIES.

Mention Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE
Telephone Calls: 340 and 341 38th Street.

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Auditorium Annex. Telephone Harrison 585.

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The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

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502 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

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Sievers & Boland.

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IN THE HEART OF
New York City
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OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway.
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New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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T. J. Johnston,
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WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

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Long Distance Phone 2478.
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Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

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1610 to 1620 N. Illinois St., Indianapolis, Ind.

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S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

WARREN H. MANNING, of Boston, was at Minneapolis January 20.

HOWARD A. CHASE, of the R. G. Chase Co., Philadelphia, has been re-elected president of the Pennsylvania State Horticultural Society.

THIS is the season for meetings of horticultural societies and many nurserymen are taking advantage of the opportunity to shake hands with the buyers.

A. NORLANDER, of Elmwood, Minn., will again engage in the nursery trade in the spring with a large lot of ash seedlings, elder, elm, wistarias, etc.

AT Newark, N. Y., the nurserymen are going in for raising beets for the local sugar factory. Stuart & Co. and C. H. Perkins are among those who will put in a considerable acreage.

THE newspapers chronicle the prolonged and unexplained absence of E. R. Hurlburt, of the Mt. Zion Nursery, Mt. Zion, Ill. He is chairman of the board of supervisors of Macon county.

THE Colorado State Board of Horticulture reports a grower who from one and one-fourth acres of Elberta peach trees last season marketed 2,363 boxes of fruit, bringing from 65 to 70 cents.

THE Meaders Bros. Nursery Co., of Dumas, Ark., is moving its general offices to Little Rock. They report business good in the southwest and will increase the number of their travelers this season.

I. M. SHEPHERD, Fairoaks, Cal., complains that nurserymen are unwilling to pay the grower living prices for producing such specialties as Mammoth blackberry and Burbank's new Phenomenal berry.

H. A. SURFACE, economic zoologist for Pennsylvania, recommends the following formula for a spray for San Jose scale: Unslaked lime, 40 pounds; sulphur, 20 pounds; salt, 15 pounds; water, 60 gallons.

"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"

("THAT'S ALL")

This stock can be had only direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours — plus cost of carriage

Caldwell The Woodsman Co.

EVERGREEN, ALABAMA.

THE executive committee of the New England Association of Park Superintendents met in Boston January 20. It was decided to hold the annual convention of the Association in New Haven, Conn., June 14 to 16.

J. P. BROWN, of Connersville, Ind., secretary of the International Society of Arboriculture, will have charge of an exhibit of catalpas at the St. Louis exposition, the purpose being to demonstrate the economic value of the tree.

C. W. STUART, of Newark, N. Y., addressed the recent farmers' institute on "The Outlook for Apple Production as a Nurseryman Sees It." He said that increased plantings have hardly kept pace with the increasing demand and evaporation has created a profitable use for "seconds."

THE Pennsylvania Nurserymen's Association was organized at Lancaster, January 21, with these officers: President, W. H. Moon, Morrisville; vice-president, Thomas B. Meehan, Philadelphia; treasurer, Thomas Rakestraw, Kennett Square; secretary, Earl Peters, Mount Holly Springs. The annual meeting will be held in conjunction with that of the State Horticultural Society.

CATALOGUES RECEIVED.

Conard & Jones Co., West Grove, Pa., plants and seeds; McGregor Bros. Co., wholesale list of plants; W. B. Longstreth, Gratiot, O., seeds; Wm. Toole, Baraboo, Wis., pansies; Diggs & Beadles, Richmond, Va., seeds; St. Louis Seed Co., St. Louis, Mo., seeds; M. Crawford Co., Cuyahoga Falls, O., strawberry plants and gladioli; Bobbink & Atkins, Rutherford, N. J., plants and trees; F. C. Pomrencke, Altona-Hamburg, Germany, seeds and plants; E. C. Newberry, Mitchell, S. D., plants and cut flowers; R. Vincent, Jr. & Son, White Marsh, Md., pompon chrysanthemums, vegetable and bedding plants; Schlegel & Fottler Co., Boston, seeds and plants.

NORTH ADAMS, MASS.—The florists and gardeners of Adams, North Adams and Williamstown met January 19 and organized the Hoosac Valley Horticultural Society. The following officers were elected: President, J. Hynes, North Adams; vice-president, T. D. Brown, Adams; secretary, A. J. Schmutz, North Adams; treasurer, Mr. Maher, Williamstown; auditors, F. H. Pratt, of North Adams, and Mr. McClellan, of Williamstown.

OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of

Fruits and Ornamentals.

40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.

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Descriptive Illustrated Catalogue Free.

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Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in.; Savitzii, $3.00; Eclipse, $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Abutilons in variety, 2¼-in., 40c doz.,$2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, rooted cuttings, $1.00 100. E. B. Randolph, Delavan, Ill.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera, the new Brilliantissima, finest of all, $6.00 100. A. J. Baldwin, Newark, O.

ALYSSUM.

Alyssum, 3-in., $3.00 100. Cash.
Converse Greenhouses, Webster, Mass.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 8c; 2nd size, 5c.
W. H. Salter, Rochester, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ARDISIAS.

Ardisias, pot-grown, full of red berries, 35c each, $3.00 doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

Ardisia crenulata, 600 3-yr.-old roots. Write for price. E. Leuly, West Hoboken, N. J.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus, strong plants from 4-in. pots, $8.00 per 100. A. Sprengeri, from 3-in. pots, $4.00 per 100. Cash.
J. Palmer Gordon, Ashland, Va.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus, extra strong 4-in., ready for 5-in., $12.50 100. 25 at 100 rate. Cash.
J. R. Shrelner, Lancaster, Pa.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong clumps from solid bed, $8.00 per 100. Cash.
Emil Leuly, West Hoboken, N. J.

Asparagus plumosus, from flats, $2.25 100 by mail, $20.00 1000; 4-in., $8.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2½-in., $2.00, 3-in., $3.00 100. The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30.00 per 1000. A. Schmitt, Glenville, O.

Asparagus Sprengeri and plumosus, 2, 2¼, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 50c per string.
A. N. Pierson, Cromwell, Conn.

400 Sprengeri, strong, 2-in., $1.50 100.
White's Conservatories, Sandusky, O.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's White Commercial. Grow them to sell. Sell them for chrysanthemums, or cash—you're the doctor. (See displayed.)
C. A. Olmstead, East Bloomfield, N. Y.

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AZALEA MOLLIS for EARLY FORCING. Fine bushy plants, 15 inches high, full of buds, $4.50 per doz, $35.00 per 100.
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Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100.
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Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maculata, 2-in., $4.00 100.
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Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
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Begonia Pres. Carnot, 6-in. pots, $2.50 doz., in bud and bloom. Other var. mixed, 4-in., $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Japan, dbl. fl. cherries, pot-grown, fancy twisted, full of buds, 75c each, $8.00 12, $60.00 100. H. H. Berger & Co., 47 Barclay St., N. Y.

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Bouvardia, stock plants, pink, white and red, single and double, $5.00 per 100.
J. A. Shellem, 17th and Tasker Sts., Philadelphia, Pa.

BOX TREES.

Box trees, bushy, about 6-in. high, in open ground, $6.00 per 100.
Joel Thomas, Fitzgerald, Ga.

BULBS.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

Harrisii lilies, Bermuda, dormant, case 400, 5x7-in., $8.00; 1000, $15.00; case 300, 6x7-in., $8.00; 1000, $22.00.
Begonia, tuberous rooted, single, in four sep. colors, 1—2-in., 35c doz., $2.25 100; mixed, all colors, 30c doz., $2.00 100; dbl., four sep. colors, 1—2-in., 65c doz., $4.50 100; mixed, all colors, 60c doz., $4.00 100.
Gloxinia crass. erecta, white, red, blue, violet, mottled, separate, 60c doz., $4.00 100; all colors mixed, 40c doz., $3.00 100.
Excelsior Pearl tuberoses, dbl., 3x4-in., 50c 100, $4.00 1000; 4x7-in., extra strong, $1.00 100, $8.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.
Gloxinia crassifolia erecta, giant flowering. Mixed—First size, 1-in. and over, 40c doz., $3.25 100; large size, 1¼ to 1½-in., 50c doz., $4.00 100; extra large, 1½ to 2-in., 65c doz., $4.75 100. White, blue, spotted, extra large, 1½ to 2-in., 75c doz., $5.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
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We have an extra fine lot of caladiums, all sizes, and No. 2 tuberoses, 3 to 4-in. in circumference. Write us for prices before buying.
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Caladium esculentums, all size bulbs, very cheap. J. Palmer Gordon, Ashland, Va.

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Cannas, strong, dormant tubers, $2.00 per 100; $18.00 per 1000. Alphonse Bouvier, Austria, Chicago, Comte de Bouchard, Creole, Chas. Henderson, F. R. Pierson, Florence Vaughan, J. D. Cabos, John White, Mlle. Berat, Manda's Ideal, Oriole, Pierson's Premium, Paul Bruant, Paul Marquant, Queen Charlotte, Sec. Chabanne, Thos. S. Ware, etc.
WOOD BROS., Fishkill, N. Y.

Cannas. Chas. Henderson, Duke of Marlborough, Crimson Bedder, Queen Charlotte, Alemannia, America, Chicago and Pres. McKinley, $1.75 per 100; $15.00 per 1000. Other standard and new varieties, cheap.
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Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas. Strong tubers, 2 to 3 eyes, all sound, fine stock, $1.25 per 100; $10.00 per 1000. Austria, Burbank, Childsii, Alemannia, Chas. Henderson, Ex. Campbell. All true to name. W. R. Gray, Oakton, Fairfax Co., Va.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, strong eyes. Egandale, Henderson, Chicago, Fl. Vaughan, Mme. Crozy, $1.00 100; $8.00 1000. Austria, 75c 100; $5.00 1000.
Furrow Bros., Guthrie, Okla.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc. A. J. Baldwin, Newark, O.

15,000 cannas, good live eyes. Write for my prices. A. B. Campbell, Cochranville, Pa.

Canna Austria, a few thousand at $4.00 per 1000. Soar Bros., Little River, Fla.

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NEW CARNATIONS. We are booking orders for this season's novelties in carnations.

	100	1000
Judge Hinsdale (Ward)	$12.00	$100.00
Mrs. M. A. Patten (Peter Fisher)	12.00	100.00
Golden Eagle (Ward)	10.00	
Sunbird (Marquisee)	12.00	100.00
Sensation (Ward)	10.00	
Flamingo (Marquisee)	12.00	100.00
Cruaader (C. C. Co.)	10.00	80.00
Christmas Eve (Ward)	10.00	
The President (Ward)	12.00	100.00
Octoroon (Ward)	10.00	
Nelson Fisher (Fisher)	12.00	100.00
Ethel Ward (Ward)	12.00	
Indianapolis (Baur & Smith)	12.00	100.00
Mackinac (Ward)	10.00	75.00
Reliance (C. C. Co.)	10.00	80.00
White Lawson (C. H. Allen and Jamca Hartshorne)	12.00	100.00
Lady Bountiful (Dorner)	12.00	100.00
The Belle (Dorner)	12.00	100.00
Albatross (Marquisee)	12.00	100.00

Also the following standard varieties:

	100	1000
Mrs. Theodore Roosevelt	$4.00	$30.00
Gov. Wolcott	4.00	30.00
Gov. Lowndes	6.00	50.00
Lillian Pond	5.00	45.00
Enchantress	6.00	50.00
Mrs. John A. Thayer	5.00	40.00
Alpine Glow	5.00	40.00
Mrs. T. W. Lawson (pink)	3.00	25.00
Floriana	3.00	25.00
Wm. Scott	1.50	12.50
Gov. Bliss	4.00	30.00
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Dorothy Whitney	5.00	
Lorna	2.50	20.00
Prosperity	3.00	25.00
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Descriptive list of carnations now ready. Write us for one.
THE COTTAGE GARDENS, Queens, N. Y.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Pink—	100	1000	Red—	100	1000
Enc'tress	$6.00	$50.00	Palmer	$2.00	$15.00
Mor'ng G..	2.00	15.00	Chicago (Red Bradt)	2.00	15.00
Higinb'am	1.50	12.50	Estelle	2.00	15.00
Mrs. Lawson	1.50	12.50	Harl'den	3.00	25.00
G. Angel.	1.25	10.00	White—		
Cressbrook	1.50	12.50	Her Maj..	3.00	25.00
			W. Cloud.	1.50	12.50
			Flora Hill.	1.50	12.50

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

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Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Enchantress	$6.00
Queen Louise	1.50	Success	4.00
Lorna	2.50	Mrs. Higinbotham	5.00
Good Enough	2.00	Cresbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Red—		Dorothy	2.00
Adonis	6.00	Sunbeam	2.50
Mrs. P. Palmer.	3.00	Morning Glory	1.50
J. H. Manley	4.00	Mrs. Joost	1.25
Oriole	2.50	Daybreak	1.25
G. H. Crane	2.00	Wm. Scott	1.25
Jubilee	1.50	Crocker	1.25
Portia	1.25	Mermaid	2.00
Yellow—		Floriana	1.50
D. Whitney	5.00	Crimson—	
Buttercup	3.00	Harry Fenn	5.00
Gold Nugget	2.00	Gov. Roosevelt	2.50
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Variegated—Prosperity, $2.50 100; Mrs. G. M. Bradt, $3.00 100.
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Carnation cuttings. Clean, healthy stock, well rooted.

Pink—	100	1000	White—	100	1000
Enquirer	$1.50	$12.50	Wolcott	$3.00	$25.00
Nelson	1.50	12.50	Alba	3.00	25.00
Higinbotham	1.50	12.50	Murphy's White	3.00	25.00
G. Angel.	1.25	10.00	Mer Maj'y	3.00	25.00
Cressbrook	1.50	12.50	W. Cloud.	1.25	10.00
Variegated—			Q. Louise.	1.50	12.00
M. Field.	5.00	45.00	Richard	1.50	12.00
Mrs. Bradt	2.00	15.00	Scarlet—		
Prosperity	2.00	15.00	Manley	3.50	25.00
V. Allen	3.00	25.00	G.H.Crane	2.00	15.00
Stella	3.00	25.00	Palmer	2.00	15.00
			Mrs. Ine.	1.25	10.00

Michael Winandy, 406 Devon Ave., Chicago.

Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.
Lake Shore Greenhouses, Albert Lea, Minn.

UNROOTED CARNATION CUTTINGS. 500,000 now ready. Short-jointed, healthy.

White.	1000.	Pink.	1000.
Queen Louise	$5.00	Lawson	$8.00
Alba	12.50	Argyle	4.00
Los Angeles	12.50	Mrs. Joost	5.00
Norway	5.00	Mermaid	5.00
White Cloud	5.00	Wm. Scott	5.00
Lorna	6.00	Triumph	5.00
Crimson.		Dorothy	6.00
Harlowarden	20.00	Variegated.	
Gen. Gomez	5.00	Violania (4-in. bloom best var.)	50.00
Yellow.		Marshall Field.	20.00
Golden Beauty	8.00	Stella	12.50
Eldorado	5.00	Armaziady	5.00
Gold Nugget	7.00	Viola Allen	12.50
Scarlet.		Mrs. Bradt	7.00
America	5.00		
Apollo	12.50		

Terms—Cash or C. O. D. with privilege of examination. 500 at 1000 rate.
CALIFORNIA CARNATION CO., Loomis, Cal.

Carnation rooted cuttings. Selection of cuttings from 13 carnation houses.

	100.	1000.		100.	1000.
Fisher	$12.00	$100.00	Gaiety	$3.00	$25.00
Patten	12.00	100.00	Stella	3.00	25.00
The Belle	12.00	100.00	Lawson	2.50	20.00
Bountiful.	12.00	100.00	Mag. Glory	2.50	20.00
Flamingo.	12.00	100.00	Glacier	2.50	20.00
Adonis	8.00	70.00	Marquis	2.50	20.00
Ench'tress	6.00	50.00	Dorothy	2.50	20.00
Boston Mkt	4.00	35.00	Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Wolcott	4.00	35.00	Lorna	2.00	17.50
McKinley	3.50	30.00	Norway	2.00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana.	3.00	25.00	Success	2.00	17.50
Innocence.	3.00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	W. Cloud.	1.50	12.50
Crane	2.50		Bradt	3.00	

W. J. & M. S. Vesey, Fort Wayne, Ind.

CRUSADER, the best scarlet carnation ever disseminated. We have an immense quantity of fine quality of cuttings. Price: $10.00 100; $80.00 1000; 5000 lots, $70.00 1000.

Other fine varieties ready now.

	100.	1000.
Flamingo, grand scarlet	$12.00	$100.00
Reliance, white	10.00	80.00
Lady Bountiful, white	12.00	100.00
Indianapolis, cerise	12.00	100.00
The Belle, white	12.00	100.00
Albatross, white	12.00	100.00

	100.	1000.		100.	1000.
Wolcott	$4.00	$30.00	Palmer	$3.00	$25.00
Majesty	5.00	45.00	H'lowarden	6.00	50.00
Pond	5.00	45.00	Enchantress	6.00	50.00
Prosperity.	2.50	20.00	McKinley	6.00	50.00
Field	6.00	50.00	Nelson	4.00	35.00
Estelle	3.00	25.00	Lawson	2.50	20.00

CHICAGO CARNATION CO., Joliet, Ill.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	Per 100.	1000.	White.	100.	1000.
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.50	20.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov.L'nder	3.00	25.00
Red.			Marion	1.25	10.00
Estelle	2.50	20.00	Variegated.		
Mrs. Ine.	1.25	10.00	Prosperity.	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Bradt	2.00	15.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond.	5.00	40	Floriana	2.00	15
Mrs. Nelson.	2.50	20	Gov. Roosev't	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt.	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill.	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	
Mrs. Joost	2.00	15	J. H. Manley	3.00	

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name.
Part cash with order, balance C. O. D.
EVENDEN BROS., Williamsport, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'kt	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.
W. E. HALL, Clyde, O.

Rooted carnation cuttings; clean, healthy stock, well rooted.

	Red.	100.	1000.		White.	100.	1000.
Crane		$2.50	$20.00	F. Hill		$1.25	$10.00
America		2.50	20.00	W. Cloud.		1.25	10.00
Palmer		2.50	20.00	Q. Louise.		1.50	12.50
Pink.				Norway		1.50	12.50
Lawson		1.50	12.50	Light Pink.			
Dorothy		1.50	12.50	Enchantress		5.50	50.00
Nelson		2.50	20.00	Hig'botham		2.50	20.00
G. Angel.		1.50	12.50	M. Glory.		2.50	20.00
Triumph		1.50	12.50	Variegated.			
Joost		1.25	10.00	Prosperity.		2.50	20.00
Crocker		1.25	10.00				

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnation cuttings. Healthy, well rooted stock.

	100	1000		100	1000
Pond	$5.00	$40.00	Her Majesty	$5.00	$40.00
Wolcott	4.00		Q. Louise.	2.00	18.00
Enchantress	6.00	50.00	Queen	5.00	40.00
Fairmaid.	3.00	25.00	Prosperity	3.00	25.00
Lawson	3.00	25.00	Estelle	4.00	30.00
Adonis	8.00		Nelson	3.50	30.00
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty.	3.00	25.00
M. Field.	5.00		Hill	1.50	12.00
Joost	1.50	12.00			

Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. INDIANAPOLIS. $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1	8	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise.	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud.	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	Harlowarden	5.00	
Her Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress.	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty.	5.00	45	Prosperity	2.50	20
Harlowarden.	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$6.00	$50.00	Fair Maid.	$3.00	$25.00
Queen	6.00	50.00	Lawson	2.50	20.00
Wolcott	4.00	30.00	Q. Louise.	2.00	15.00
Roosevelt	3.00	25.00	M. Glory.	2.00	15.00

Our stock is first-class, and we guarantee our cuttings to be A1 and well rooted.
Orders from parties unknown to us must be accompanied by cash or satisfactory references.
THE LEWIS CONSERVATORIES, Marlboro, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted.
The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress.	$6.00	$50	Manley	$3.00	$25
Fair Maid.	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn.	5.00	40			

Cash with order, please
GEO. E. BUXTON, Nashua, N. H.

Carnations, extra strong rooted cuttings, from clean stock.

	100	1000		100	1000
Lawson	$2.00	$15.00	Queen Louise	2.00	15.00
Higinbotham.	2.50	20.00	Gov. Roosevelt	2.50	20.00
Harry Fenn	3.00	25.00	Prosperity.	3.00	
J. H. Manley.	3.00	25.00	Golden Beauty	4.00	

THEODOR LEONHARD, Paterson, N. J.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise.	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt.	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted carnation cuttings ready early in January.

Pond.	Estelle.	Stella.
Peru.	Glacier.	Lawson.
Lorna.	Prosperity.	Golden Beauty.
Marquis.	Roosevelt.	Mrs. T. Roosevelt
Lowndes.	M'n'g Glory.	Mrs. E. A. Nelson

Clean, well rooted, healthy stock. Place your orders now. JOHN H. DUNLOP, Toronto, Ont.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6	$50	Lawson	$3	$25
L. Pond	5	40	Prosperity	3	25
The Queen	5	40	Cash with order.		

Larchmont Nurseries, Larchmont, N. Y.

CARNATIONS—Continued.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cresshrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel.	$2.00	$15.00
Fairmaid	2.50	20.06	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport.	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud.	2.50	20.00
America	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo Niessen, 1217 Arch St., Philadelphia.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Strong carnation cuttings.

	100.	1000.		100.	1000.
The Queen	$5.00	$40.00	Floriana	$3.00	$25.00
Lawson	3.00	25.00	Maceo	3.00	25.00
Bradt	3.00	25.00	Roosevelt	3.00	25.00
Fair Maid	3.00	25.00	Prosperity	3.00	25.00
Lorna	3.00	25.00	Cash with order.		

THOS. W. SOUTHWARD, Willimantic, Conn.

Rooted carnation cuttings. Special prices.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$1.50	$12.00
Wolcott	3.50	30.00	Pond	3.00	25.00
Lawson	1.50	12.00	Harlow'den	3.00	.....
Palmer	1.50	12.00	H'botham.	1.50	12.50
Prosperity	2.00	18.00	Lorna	2.50	20.00

Poehlmann Bros. Co., Morton Grove, Ill.

Queen Louise carnation still heads the list as a commercial white. From 3000 plants we cut 91,000 first-class blooms. We have 16,000 fine healthy plants, free from all disease, from which to take cuttings—A No. 1 stock in every particular, $1.25 100; $10.00 1000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Rooted carnation cuttings. Strong, healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market.	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

50,000 rooted carnation cuttings for January delivery. White Cloud, Hill, Queen Louise, Dana, Morning Glory, Joost, Lawson, Prosperity, America, Crocker and Norway. Guaranteed free from rust or stem-rot. In this southern climate our plants are entirely free from these diseases. Rosemont Gardens, Montgomery, Ala.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquis	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Rooted carnation cuttings. Cash or C. O. D.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.50
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

St. Louis Carnation Co., Clayton, Mo.

Now ready; fine, healthy, clean stock of Lawson, Prosperity, Dorothy, America, F. Hill, Peru, Queen Louise, Innocence, Floriana, Lorna and Gov. Wolcott, $2.00 per 100; $18.00 per 1000.

W. W. COLES, Kokomo, Ind.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.

C. W. Blatchley, Plantsville, Conn.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.

Sidney Littlefield, North Abington, Mass.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

Rooted carnation cuttings. Clean, healthy stock. Snow Drift, white; Joost, pink; Cartledge, pink, $1.50 per 100, $12.00 per 1000. Liberal count to help pay expressage. Cash.

John R. Shreiner, Lancaster, Pa.

Strong, well rooted carnation cuttings. WHITE BRADT, the white sport of Mrs. Geo. M. Bradt, $1.50 per 25; $5.00 per 100; $22.00 per 500. Cash with order or C. O. D.

John E. Sten, Red Wing, Minn.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100, $75.00 1000.

Jerome A. Suydam, Flatbush, N. Y.

25,000 rooted cuttings ready now. Lawson, $1.25 100, $10.00 1000. Joost, Guardian Angel, Maceo, $1.00 100; $8.00 1000. Flora Hill, $1.00 100; $9.00 1000. Cash with order.

J. J. Lampert, Xenia, O.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

EXTRA GRADE CUTTINGS.

Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

Fisher and Joost carnations, for summer blooming, in 2-in. and rooted cuttings. Also all the other good varieties of carnations. Write

Geo. A. Kuhl, Pekin, Ill.

We have the money-making varieties and can supply strong rooted cuttings, guaranteed free from disease. For varieties see displayed adv.

Buckley Plant Co., Springfield, Ill.

Carnations. All the leading new varieties of 1904; the best of last year's varieties, and other standard kinds now ready.

H. Weber & Sons, Oakland, Md.

The Queen (extra selected), from soil, now ready, $5.00 1000, $40.00 1000, special price on large orders. Cash please.

H. A. Jahn, New Bedford, Mass.

Ethel Crocker. Strong, healthy rooted cuttings now ready. $2.00 100; $15.00 1000. Delivered at Hartford.

W. H. Atkins, Burnside, Conn.

Carnation rooted cuttings of new and leading varieties. Send for wholesale list, giving particulars and prices.

A. N. Pierson, Cromwell, Conn.

MOONLIGHT, the new white for 1904. Price: $10.00 per 100; $75.00 per 1000. Write for full particulars to

John Hartje, 3129 No. Illinois, Indianapolis, Ind.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.

C. C. Pollworth Co., Milwaukee, Wis.

Rooted cuttings, The Queen carnation, the best commercial white, $5.00 100; $40.00 1000. Cash with order.

P. E. Woodward, So. Framingham, Mass.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cutings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.

Loomis Floral Co., Loomis, Cal.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.

Wm. Swayne, Box 226, Kennett Square, Pa.

50,000 rooted carnation cuttings. Our stock is excetionally fine. Send for list of varieties and prices.

C. Akehurst & Son, White Marsh, Md.

Carnation Lawson now ready. $2.00 per 100, well rooted from healthy plants.

Crown Point Floral Co., Crown Point, Ind.

Rooted carnations now ready. For varieties and prices see our displayed adv.

Loomis Carnation Co., Loomis, Cal.

New carnation, LOUISE NAUMANN. Send in your order now. Price, $1.25 doz., $8.00 100, $70.00 1000.

G. M. Naumann, Doan St., Cleveland, O.

The QUEEN carnation, best commercial white. Grand stock. Rooted cuttings, $5.00 100; $45.00 1000. C. H. Totty, Madison, N. J.

FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.

Otto Bourdy, Lowell, Mass.

Rooted and unrooted carnation cuttings. We prepay express charges.

The Knoll Nurseries, Loomis, Cal.

CHRYSANTHEMUMS.

Chrysanthemums, extra strong stock plants, as follows: 450 White Ivory, 75 Pink Ivory, 175 Robinson, 300 White Bonnaffon, 350 Yellow Bonnaffon, 100 Timothy Eaton and 75 Col. Appleton; $5.00 per 100.

Theodor Leonhard, Paterson, N. J.

Stock plants. Chrysanthemums White Bonnaffon, Yellow Bonnaffon, White Jones, Yellow Jones, Mrs. R. McArthur, Mrs. N. Molyneux, White Erminiida, Pink Erminiida, S. T. Murdock, Black Hawk, Intensity, Cullingfordii, Brutus, Col. D. Appleton, H. A. Parr, J. E. Lager, October Sunshine, Monrovia, O. P. Bassett, Sunstone, Pride, H. Robinson, Nellie Pockett, Mrs. H. Weeks, Ivory, Silver Wedding, Belle of Castlewood, Rose Owen, 75c per doz.; $5.00 per 100. GEO. ATKINSON, Orange, N. J.

Chrysanthemum stock plants of Barclay, Kalb, Polly Rose, Willow Brook, Mrs. McArthur, White Bonnaffon, Glory of Pacific, Adela, Maud Dean, Lavender Queen, Major Bonnaffon, J. K. Shaw, Appleton, T. Eaton and Cullingfordii. Good strong plants, $1.00 doz., $8.00 100.

Rooted cuttings and plants in pots, ready March 1. A. N. Pierson, Cromwell, Conn.

GEO. S. KALB, very fine early white. If you do not have this grand variety you are missing it. Strong bench plants, 6 for 60c, 12 for $1.10, prepaid.

Also stock plants of Bonnaffon, Ivory, Wanamaker, Parr and several other standard varieties at same price.

Joseph Bancroft & Son, Cedar Falls, Iowa.

Hardy pompon chrysanthemums; large flowering or aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.

R. Vincent, Jr. & Son., White Marsh, Md.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.

G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c doz., $4.00 100.

John Brod, Niles Center, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemum stock plants, extra large, of Bonnaffon and El Caney at $2.00 100.

Louis Derocher, Avon, Mass.

Write for our preliminary price list of 1904 novelties and other desirable kinds.

H. Weber & Sons, Oakland, Md.

Stock mums. Merry Christmas and Eaton, $1.00 per doz. Large clumps.

Poehlmann Bros. Co., Morton Grove, Ill.

Leading varieties of stock mums and rooted cuttings at lowest rates.

W. H. Gullett & Sons, Lincoln, Ill.

Send for my list of new chrysanthemums.

C. H. Totty, Madison, N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CINERARIAS.

Cineraria hybrida. Fine, clean, ready for a shift, 3-in., 4c; 4-in., 7c. Cash.

Central Greenhouses, Sandusky, Ohio.

Cinerarias, large 4-in., $8.00 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis, leading var., strong, true to name, $25.00 100.

F. W. O. Schmitz, Prince Bay, N. Y.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write

Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.

E. B. Randolph, Delavan, Ill.

Coleus, over 15 best bedding varieties, unnamed, 2¼-in., $2.00 100.

Burnell & Totman, Randolph, Vt.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., 35c doz.; $1.50 100. Cash. Dann & Son, Westfield, N. Y.

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Cryptomeria japonica. We are headquarters for it. Write us.

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Cycas by the 1000. Get my prices.

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Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.
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PIERSONI, FOSTER AND BOSTONS.
PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.
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BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $5.00 100; 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
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4-in. pots	$0.50 each,	$5.50 doz.
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For larger specimen plants, prices on application.
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FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
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Piersoni ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
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Fern balls, 1st size, 6-in., 25c ea.; $2.25 doz., $14.00 100. Extra large, 7 to 9-in., 35c ea.; $3.00 doz., $22.00 100.
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Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
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A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write
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Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100.
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Fuchsias, in variety, 2¼-in., 50c doz., $2.50 100.
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Geraniums, fine 2½-inch pots, $2.50 100; $20.00 1000. Jean Viaud, Mme. Bruant, L. Swartling, S. A. Nutt, Atlantis, W. L. Gunn, Madonna, Mme. St. Pol, Bridoux, Columbia, Blanche Moulas, Rev. Atkinson, Mme. Chas. Molin, Dr. Blanche, Bucharle's White, Tamative, Gloire Bondeau, Alphonse Ricard.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
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50,000 strong, pot-bound 2¼-in. Nutt, La Favorite, Buchner, Heteranthe, Perkins, double and single Grant, $20.00 1000. Ricard, Hill, Poitevine, Jean Viaud, de Boisdeffre and others, $2.50 100. Trego and Little Pink, $5.00 100. Also R. C. and 2-in. of all bedding plants in season. Prices right. Cash with order.
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Our selection of varieties, to include many of the new sorts, $2.50 100; $25.00 1000.
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Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, strong stocky cuttings, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevaliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
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New geraniums, nothing finer anywhere. Double Dryden, Governor Stone, Goliath, Little Red Riding Hood. The set of four mailed for 50c. $8.00 per 100 by express. Send for descriptive list. Cash, please.
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Geraniums, 2½-in pots of the following varieties: Nutt, Alphonse Ricard, Mrs. Hill, Jean Viaud, La Favorite, Clyde, fine plants, $2.00 per 100. Crown Point Floral Co., Crown Point, Ind.

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Rooted cuttings, best bedders, $15.00 per 1000. Mme. Sallerol, $15.00 per 1000.
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Gladioli. Having more small gladioli than I wish to plant, I offer about 300,000 at following prices:

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Groff's hybrids, ⅝ to ⅞-in. diam.	$2.50
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May and Lemoine's hybrids, same size as Groff's, at $2.00, $1.25 and 75c per 1000. Gladioli, in fine mixture, all classes, ⅝-⅞-in., $1.50; ¾-⅝-in., $1.00; ¼-⅜-in., 50c per 1000. The smallest of these will generally flower the first year, under favorable conditions. Bulblets of gladioli, per bushel, at low rates.
Iamene calathina, small bulbs, $3.00, $1.00 and 50c per 100, acording to size.
Stokesia cyanea, the splendid, new, hardy, herbaceous plant, fine, $1.00 per doz.; $6.00 per 100 by mail.
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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.
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Gladiolus bulbs. 50,000 each of first and second size; common, mixed stock, grown from seedlings that had a few choice varieties—less than 1 per cent—taken out. Grown by a neighbor who sells the blooms. Price away down.
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Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.
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Gladiolus bulbs. Shakespeare, Augusta, Grand Rouge, May, Eugene, Scribe, Mrs. Beecher, Ben Hur; also No. 1900.
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My XX stock is the best obtainable. Send postal for an account of it.
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Our gladiolus bulbs are good. Try them.
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Buxus sempervirens, pyramids and standards, 4 ft. high, $150.00 100. Magnolia in var., to name, well budded, $150.00 100. Aristolochia, Dutchman's pipe, strong plants, $40.00 100.
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Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write
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Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
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Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Floradale, Pa.

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Biota Rosedale in all sizes. This is the best florists' evergreen.
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A fine assortment of conifers on hand. Write me for prices.
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For your trees, shrubs, vines and small fruits, send to
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Rudbeckia Golden Glow, strong roots, 5c.
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Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
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Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

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Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
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Lonicera, extra strong, $25.00 100.
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HYDRANGEAS, field-grown, dormant plants, suitable for 6-in. pots. OTAKSA, $3.50 per doz., $25.00 per 100. THOS. HOGG, $3.00 per doz., $20.00 per 100. MARIESII, $2.00 per doz., $15.00 per 100. RED BRANCHED, $3.50 per doz., $25.00 per 100.
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Japan, pot-grown hydrangeas, white, blush blue or deep rose, strong plants, 40c each, $4.00 doz. Novelty of immense trusses of rosy flowers borne on reddish stems, $1.00 each, $10.00 doz. H. H. Berger & Co., 47 Barclay St. N. Y.

THOS. HOGG, with 5 to 7 flowering crowns, $10.00 per 100. RED BRANCHING, with 4 flowering crowns, $8.00 per 100. Stocky, open-air plants, suitable for 6-in. pots.
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Hydrangea pan. grand., extra fine, standards, $35.00 100; dwarf, $15.00 100.
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Hydrangea pan. grand., bushy, 8c.
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Hardy English Ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor Ivy, 2¼-in., 40c doz., $2.00 100.
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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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Ponderosa lemons, 2½-in., $3.00 100.
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The finest in the market for early forcing, $1.50 100; $12.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
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Lily of the valley pips, the largest and finest imported. Special price.
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Cut lily of the valley of good quality always on hand.
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Moonvines, blue, 2¼-in., 50c doz.; $3.00 100.
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Mushroom spawn, the genuine. English MILL TRACK brand, $7.00 per 100 lbs.
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Japan, multigrafted maples, many colors, on one stem, 50c each, $5.00 doz.; same grafted on two stems, 60c each, $6.00 doz. Single colors, fine for forcing, 18—30-in., 40c each, $4.00 doz. Magnolia Stellata or conspicua, full of buds, 40c each, $4.00 doz.
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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Kentia Belmoreana, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100, $50.00 1000. Cocos Weddelliana, good strong plants, 3-in., $15.00 100. We have a fine lot of made-up plants of Arecas and K. Belmoreana. Let us quote you prices.
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Latania borbonica, Areca lotescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited.
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Palms. Cocos Weddelliana, 2½-in., $10.00; 3-in., $15.00 1000.
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Latania borbonica, 5 ft., $3.00 each; 3 ft., $1.25 each.
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Kentias and latanias a specialty. Send for price list. F. H. KRAMER, Washington, D. C.

Palms and other decorative plants.
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Philadelphia-grown palms.
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Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansy plants, 50c 100; $2.50 1000. Cash.
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Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please.
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Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
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Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

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Dbl. herbaceous peonies, 2 to 5 eyes. Pink—$1.25 doz., $7.00 100. White—$1.25 doz., $8.00 100. Dark red—$1.25 doz., $7.00 100. Mixed—$1.00 doz., $6.00 100. By mail, add 25c to doz. rates.
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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
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DREER'S DOUBLE FRINGED PETUNIAS. 15 choicest varieties, 3-in. pots, 75c per doz., $6.00 per 100; the set of 15 varieties, for $1.00.
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Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors.
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Petunias, dbl. fringed. Ten novelties from Dreer's latest set. R. C., $1.25 100. Cash.
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Petunias, mixed var., 2-in., $2.00 100. Cash.
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POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100.
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Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Primroses. Chinese and obconica, nice stocky plants, 2¼-in., $2.00 100; 300 for $5.00. 3-in., $3.00 100; 200 for $5.00.
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Primula obconica, fine plants, 3-in., $5.00 100. Cash. Converse Greenhouses, Webster, Mass.

Primroses. Chinese and obconica, $1.25 100. Cash. Jos. H. Cunningham, Delaware, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz.
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California privet, 1 yr., 18 to 24 in., very bushy, $11.00 1000; 1 yr., 12 to 18 in., well branched, $8.50 1000.
Furrow Bros., Guthrie, Okla.

California privet, fine, 5c.
W. H. Salter, Rochester, N. Y.

RHODODENDRONS.

RHODODENDRONS for EASTER FORCING. A fine lot of bushy plants of early flowering varieties, especially suited for Easter flowering, 18 to 24 inches high, $1.00 each, $11.00 per doz., $90.00 per 100; 24 to 30 inches high, $1.50 each, $15.00 per doz., $115.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

Rhododendrons, hybrids for forcing, $45.00, $90.00 and $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Pelargoniums, 15 var., named, $2.25 100. Verbenas, choice named var., 60c 100, $5.00 1000. Petunias, named, dbl., $1.25 100, $10.00 1000. Heliotropes, $1.00 100, $8.00 1000. Salvias, $1.00 100, $8.00 1000. Giant alyssum, $1.00 100. Ageratums, 60c 100, $5.00 1000. Coleus, 70c 100, $6.00 1000. Express prepaid. Cash with order.
S. D. Brant, Clay Center, Kan.

Impatiens Sultani, Anthemis coronaria, $2.00; fuchsias, best kinds and Mme. Salleroi geraniums, $1.50 per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

Field-grown La France, 15 to 24 inches, top. Crimson Ramblers, 2 to 3 feet. Both on own roots, fine for forcing or pots, $10.00 100. Express prepaid. Sample 25c. Cash with orders.
Hoffman Bros., Portland, Oregon.

ROOTED ROSE CUTTINGS. American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme.C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted rose cuttings.

	100	1000		100	1000
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.

Beauties, 2-in.	$5.00 100;	$40.00 1000
Beauties, 3-in.	6.00 100;	50.00 1000
Beauties, 4-in.	7.50 100;	60.00 1000
Teas, 2-in.	2.50 100;	20.00 1000

Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Rooted rose cuttings; clean, healthy stock, well rooted.

	100.	1000.		100.	1000.
Bridesm'd	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	G. Gate	1.50	12.50
Ivory	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100, $25.00 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

Rooted rose cuttings. American Beauty, $3.00 100, $30.00 1000. Bride, Maid, Ivory, Gate, $1.50 100; $12.00 1000. Perle, Kaiserin, Meteor, Canadian Queen, $2.50 100; $22.50 1000. Orders received for 2½ and 3-in. stock for later delivery.
W. H. Gullett & Sons, Lincoln, Ill.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin. $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000. 500 at 1000 rate.
Sinner Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Roses. All the leading varieties in 2x2¼ and 2¼x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stocks, $12.00 to $15.00.
C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastics. Write me.
L. H. Foster, Dorcheater, Mass.

SALVIAS.

Sslviss. Bonfire, Silverapot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia Bonfire, 2¼-in., $2.00 100. Cuttings half price. Burnell & Totman, Randolph, Vt.

Salvias Bonfire and St. Louis, rooted cuttings, 75c 100. E. R. Randolph, Delavan, Ill.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Psrall, Summit, N. J.

SEEDS.

Flower seed for present planting.

	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp, Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, med.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue was mailed Jan. 1. If you did not receive a copy write for one.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

ASPARAGUS SEED—CROP 1903.
Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.50.
Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

Absolutely FRESH SEEDS. Asparagus plumosus nanus, $1.00 per 100; $9.00 per 1000. Asparagus Sprengeri, 35c per 100; $3.00 per 1000. Aster—Queen of the Market, separate colors or mixed, trade pkt., 25c. Dracaena indivisa, 25c per oz. Smilax, 35c per oz. Stocks—Cut and come again, $3.00 per oz. Verbena—Mammoth, separate colors or in mixture, trade pkt., 25c. Kentia Belmoreana and Kentia Forsteriana, 70c per 100; $5.00 per 1000.
Wm. Elliott & Sons, 52 Dey St., N. Y.

GROWER and CONTRACTOR of tomato seed to the trade. We are the originator of the Royal Red Aristocrat, Maule's Enormous, Maule's Success and Maule's New Magnificent tomatoes. We have a surplus of the following: 125 lbs. Royal Red, 218 lbs. Maule's Success, 17 lbs. French Marvel, fine stock at $1.00 per lb. to the trade only. 75 lbs. Ohio-grown Rocky Ford Gem melon, at 25c per lb.
M. M. Miesse, Lancaster, O.

CALIFORNIA SEEDS. Native plants. Oz.

Butterfly tree poppy, yellow flowers	25c
Matilija poppy, white flowers	15c
White-rose poppy, white flowers	15c
Golden bleeding-heart, golden flowers	20c
Cardinal larkspur, red flowers	25c
Red-berried pepper bush	10c

W.G. WRIGHT, 445 F St., San Bernardino, Cal.

Kentia Belmoreana or Forsteriana, 50c 100, $3.50 1000. Cocos Weddeliana, 35c 100, $7.00 1000. Livistona olivaeformis, 35c 100, $7.00 1000. Asparagus Sprengeri, 20c 100, $1.00 1000; A. plumosus, 35c 100, $7.00 1000. A. plumosus nanus, 35c 100, $7.00 1000. A. plumosus decumbens, 75c 100, $6.00 1000. A. plumosus robustus, $1.00 100, $9.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

New crop JOHNSON & STOKES' choice flower seeds. Our seeds are selected with the greatest care, and can be depended upon to be the very best obtainable. For varieties and prices see our displayed adv. in last issue. Send for our new illustrated catalogue, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. New crop all leading flower seeds ready. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Palm Seeds. New crop Cocos Weddeliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Fresh flower seeds to sow now. New crop seeds from leading growers both at home and abroad. See adv. on first page; also write us for our preliminary price list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

Asparagus plumosus seed (true), picked Jan. 19, 1904, from our own vines, 75c per 100 prepaid; $6.00 per 1000. Cash.
Wonsetler Greenhouses, Bryan, O.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

A complete assortment of VEGETABLE and FLOWER seeds. Our 1904 trade list is now ready.
J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Grass, clover, agricultural and forest tree seeds. Prices and samples on application.
A. Le Coq & Co., Darmstadt, Germany.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

New French mammoth verbena seed, 50c per 1000 seeds.
John F. Rupp, Shiremanstown, Pa.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

20,000 fresh Asparagus plumosus seed, $5.00 1000. Henry Young, Ada, Ohio.

Ardisia crenulata seed, $3.00 1000. Cash.
Emil Leuly, West Hoboken, N. J.

SHAMROCKS.

Irish shamrock, strong plants, $4.00 100, or 60c doz., by mail.
John F. Rupp, Shiremanstown, Pa.

SMALL FRUIT PLANTS.

The new Commonwealth is better than Marshall and so late that it extends the strawberry season a week or more. Plants, $4.00 per 100. Geo. E. Ward, Beverly, Mass.

Burbank's Phenomenal berry and Mammoth blackberry plants for sale. Write for terms.
I. M. Shepherd, Fairoaks, Cal.

SMILAX.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.50 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, 15c per string.
A. N. Pierson, Cromwell, Conn.

SPIRÆAS.

Spiraea comp. multi., 40c doz., $3.00 100. Astilboidea floribunda, 60c doz., $4.00 100.
H. H. Berger, 47 Barclay St., N. Y.

Spiraea japonica, $3.50 100; compacta multi. and astilboidea, $4.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

STEVIAS.

Stevia stock plants, bench or pots, 75c doz., $5.00 100. John Brod, Niles Center, Ill.

VEGETABLE PLANTS.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

LETTUCE PLANTS. Grand Rapids, free from disease and green fly; small plants, $1.00 per 1000. Transplanted, $2.50 per 1000. Cabbage, celery, tomato and parsley plants in season.
Warrick Bros., 498 Locust Ave., Washington, Pa.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Choice stock of vinca major in 3 and 4-in. pots. Write for prices.
Wagner Park Conservatories, Sidney, O.

Vinca var., 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Violets, 2½-in, Campbell and Swanley White, $2.00 100. A. B. Campbell, Cochranville, Pa.

WANTED.

Wanted—Several hundred narcissi, single and double; also tulips, white, scarlet and yellow. Geo. W. McClure, 832 West Delavan Ave., Buffalo, N. Y.

Wanted—1000 rooted or unrooted cuttings of Antbericum vitatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

TO EXCHANGE.

To Exchange—We offer cannas, tuberoses, gladioli, geraniums, rose geraniums, heliotropes and cinerarias for 2-in. roses, A. plumosus and small palms.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Rooted cuttings of Frances Joost carnations for Asparagus plumosus or will sell cheap for cash. Wm. B. Lovell, Sabula, Ia.

CANE STAKES.

Bamboo cane stakes, 8-ft., $6.00 1000.
Wm. Elliott & Sons, 52 Dey St., N. Y.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., Chicago.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Fancy and dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

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Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

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Wax Flowers and Wax Floral Designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
C. W. Burleson & Son, Linville, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

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H. M. Robinson & Co., 11 Province St., Boston.

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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Ealer, Saddle River, N. J.

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Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 110 West St., New York.

NICOTICIDE kills all greenhouse pests.
Sold by all seedsmen.

Tobacco stems, fresh, strong; bales 300 to 500 lbs., 75c 100. U. C. Ryerson, Newark, N. J.

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Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Coleaburg Pottery Co., Colesburg, Iowa.

POT HANGERS.

CHESSMAN'S ADJUSTABLE POT HANGER. Patent applied for. Fits any size, 85c per doz. The first 100 florists ordering a doz. will receive 6 of our greenhouse hangers free. Order now. Send size of sash bar from drip gutter down. H. C. CHESSMAN, Richmond, Ind.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

TROUBLE WITH ANTIRRHINUM.

We have the center bench of our house planted with antirrhinum, propagated in August from plants growing outside. Some weeks ago a cream-flowered variety became affected by some disease. The tips of the leaves first turn brown and within ten days the whole leaf will be affected and have the appearance of being scalded or burned by blistered glass. The white and yellow varieties in the same bench are perfectly healthy. We are keeping a night temperature of 55 to 58 degrees. The plants are growing in the same soil after chrysanthemums without any additional fertilizer, only a light sprinkling of lime. Can you tell what it is and suggest a remedy without the necessity of lowering the temperature?

SNAPDRAGON.

The one who has been asked to answer the above does not claim to have had a very extended experience with antirrhinum under glass. We have never seen any trouble with them as described. The best we ever saw were growing in a night temperature of 48 to 50 degrees, but if the temperature quoted above keeps some perfectly healthy that will not account for the cream-colored varieties withering. Any poorness of the soil will certainly not account for the trouble and as no insects, fungus or bacteria is mentioned, I must pass and trust that some one of larger experience can enlighten and relieve Snapdragon.

W. S.

FREEPORT, ILL.—John Bauscher, Jr., will open a cut flower, plant and seed store at 94 Chicago street.

COLORADO SPRINGS, COLO.—Trade is quiet here just now on account of the shut-down of the Colorado Fuel & Iron Co. plant.

FRANKFORT, KY.—Henry & Leclere are doing a nice business. They began in 1902 with two houses 20x100 and last season built another of the same size for carnations. E. Power also increased his range by one house last year. John Kraehenbuehl has taken the position as gardener to Dr. A. J. Alexander, at Spring Station, where they have three houses in plants and vegetables.

PACIFIC COAST.

SAN JOSE, CAL.—The frosts have been as severe as last year. Callas have been cut to the ground and some bulbs entirely lost. And the outdoor beds of Paper White narcissus are producing no flowers of value. But the cut flower trade seems to be good. C. Navlet's store is continually filled with customers, and G. A. Lehmann is busy at both store and greenhouses. Mr. Braslan, the seed grower, is still in the east. Some very fine Princess of Wales violets are being received from Colma. The violets of local growers have all been hurt by the frosts.

NILES, CAL.—John Rock, of the California Nursery Co., says that the season's business so far shows a satisfactory increase over that of last year. The selling season extends from October to May. In fruit trees there has been a run on cherries this season, and prunes have sold better than for some years past. Olives are less in demand each year. The large amount of labor required in gathering the fruit extracts about all the profit from the crop. Mr. Rock believes there is a great future for the Jordan almond, which he is now introducing to California growers. It has a very large kernel of fine quality. The nursery contains 500 acres and is strong in ornamentals. There are many acres of palms and ornamental trees that are never seen planted outside in the east. An avenue of immense Phœnix canariensis is a sight to remember. There are greenhouses for some of the tender plants and an immense earth house for plants and shrubs in pots. Mr. Rock is not an old man, but he has been in the nursery business in California for forty-one years.

PLANT NOTES.

Although the plant buyers in California do not devote as much space to carpet bedding and annual flowering plants as is given in the east, there is some demand in the vicinity of our large cities and in many of the better class of country residences for showy, soft-wooded stock. We have not had a very severe winter and geraniums and heliotropes in the neighborhood of San Francisco are still growing, although in some exposed places they have been bitten somewhat.

Achyranthes, alternantheras, geraniums and salvias can be easily rooted here, at this time of the year, in cold frames and kept in flats until the middle of March or the first of April and they will be ready for sale. We are planting seed of Golden Feather and Lobelia Crystal Palace Gem today and giving the boxes a little bottom heat and they will be ready at the same time. The dwarf blue ageratum is one of the most delicate bedding plants here and is grown from seed also. Coleus is not much used for outside planting in California, being grown principally in pots for house decoration.

In geraniums, the best selling sorts are Mme. Salleroi, Mme. Pollock, Mountain of Snow, Marechal McMahon and Happy Thought. Both the yellow and red alternanthera, variegated alyssum, dwarf lobelia, achyranthes in three colors and scarlet salvias are about all that are used in quantity. The canna, although in great favor in the eastern states, is not planted generally in California. Owing to the long, dry season they do not make as much growth or attain such showy proportions as they do elsewhere. We use instead the giant Abyssinian banana (Musa ensete) and various hardy palms, either as a background for smaller plants or as individual clumps in the lawn. The bananas have not been frost bitten to any extent this season and unless we have some very severe weather they will begin a new season's growth with plenty of foliage on hand.

G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000	5000
Queen Louise	$1.20	$10.00	$ 40 00
Flora Hill	1.20	10 00	40 00
Alba	3.40	30 00	125 00
Gov. Wolcott	3 40	30.00	125.00
Norway	1 20	10 00	40.00
Lillian Pond	5 00	45.00	225 00
Chicot	1 20	11.00	50 00
Viola Allen	3.00	25 00	100.00
Pink			
Mrs. Thomas Lawson	1 40	12 50	60 00
Mrs. Joost	1 20	10 00	40.00
Mermaid	1.20	10.00	40 00
Mrs. Roosevelt	6 00	55 00	225 00
Enchantress	6 00	50.00	225.00
Success	4 00	35.00	150 00
Pres. McKinley	5.00	45 00	200.00
Cressbrook	2 50	20.00	90.00
Scarlet			
J. H. Manley	3.50	30 00	140 00
G. H. Crane	1.20	10.00	40 00
America	1 20	10 00	40 00
Estelle	1.50	14.00	65.00

Scarlet	100	1000	5000
Mrs. Palmer	$1.20	$10 00	$ 40 00
Apollo	3.50	30.00	125 00
Adonis	7.00	65.00	300.00
Crimson			
Harlowarden	5.00	45 00	200.00
Gov. Roosevelt	1.20	11 00	50.00
Yellow			
Eldorado	1.00	9.00	35.00
Variegated			
Marshall Field	5.00	45 00	200.00
Stella	3 00	25.00	100 00
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12 00	60 00
Galety	3.00	25.00	115 00

UNROOTED CUTTINGS at one-half the above prices.

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

Now Ready CARNATIONS For Shipment.

Best and most strongly rooted Carnations on the market.

White.	Per 100	1000	5000
Queen Louise	$1.20	$10.00	$40.00
Wolcott	3.40	30.00	125.00
White Cloud	1.10	9.00	35.00
Scarlet.			
America	1.20	10.00	40.00

Pink.	Per 100	1000	5000
Lawson	$1.40	$12.50	$60.00
Marquis	1.00	9.00	35.00
Mrs. Joost	1.20	10.00	40.00
Crimson.			
Gov. Roosevelt	1.20	11.00	50.00

Variegated.	Per 100	1000	5000
Armazindy	$1.00	$9.00	$35.00
Prosperity	1.40	12.50	60.00

Express prepaid to any destination. Satisfaction guaranteed or your money back.

Loomis Carnation Co., Lock Box 115 Loomis, Cal.

Mention Review when you write.

SAN FRANCISCO.

The Market.

We are having fairly cold weather during the present week. The thermometer registered 28 last night, and that has been about the average for the past ten days. All kinds of flowers are somewhat scarcer than they were last week, and the price of good roses has gone up a step. I do not think the quality of Brides and Maids is improving, as almost everything offered is weak in stem and small in flower. Carnations are holding their own, and there is no surplus of any variety. Chrysanthemums are still in the ring, but they are getting smaller and soon will be a thing of the past. Bulbous stock of the narcissus tribe is very plentiful, but daffodils are scarce yet and bring very fair prices. It will be a couple of weeks before they are handled in quantity. Valley is plentiful and sells at $5 per hundred wholesale. Much of it is soft from over-forcing. Tulips are to be had only in limited quantities, but in a week or two we may expect a deluge of them. All sorts of green stuff is scarce. Freesias are somewhat easier, but there have been no large quantities brought in yet. Lilium Harrisii are not up to the standard with most of the growers, many short-stemmed flowers representing either poor quality of bulbs or improper handling.

Notes.

H. Rowland Lee, the well-known landscape architect of Los Angeles, is in town for a few days, and so is Chas. Olaine, of Palo Alto.

The Holland Floral Co. has purchased an acre of ground in Elmhurst, and is contemplating the erection of several more greenhouses.

G.

BEATRICE, NEB.—While the Nebraska State Horticultural Society was in session S. H. Dole & Sons took advantage of the advertising opportunity to decorate the dinner tables and distribute boutonnieres.

ROSE PLANTS

STRONG STOCK from 2½-inch pots.

	Per 100	Per 1000
Uncle John	$20 00	$150 00
Mme. Chatenay	6 00	50 00
Sunrise	5 00	40 00
Liberty	4 00	35 00
Maid	3 00	25 00
Bride	$3 00	$25 00
Golden Gate	3 00	25 00
Ivory	3 00	25 00
American Beauty	6 00	50 00

ROSE CUTTINGS—Well Rooted.

	Per 100	Per 1000
Bride	$1 50	$12 50
Bridesmaid	1 50	12 50
Golden Gate	1 50	12 50
Ivory	$1 50	$12 50
Sunrise	3 50	30 00
American Beauty	3 00	25 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

WHITE.	Per 100	Per 1000
Reliance	$10 00	$ 80 00
Lady Bountiful	12 00	100 00
Moonlight	10 00	75 00
Her Majesty	5 00	45 00
Gov. Wolcott	4 00	30 00
Boston Market	3 00	25 00
Norway	2 00	15 00
The Belle	12 00	100 00

SCARLET.	Per 100	Per 1000
Crusader	$10 00	$ 80 00
Flamingo	12 00	100 00
Estelle	3 00	25 00
Mrs. Potter Palmer	3 00	25 00
America	2 00	15 00
VARIEGATED.		
Prosperity	2 50	20 00
Mrs. Bradt	3 00	20 00

VARIEGATED.	Per 100	Per 1000
Marshall Field	$6 00	$ 50 00
PINK.		
Indianapolis	12 00	100 00
Enchantress	6 00	50 00
President McKinley	6 00	50 00
Mrs Lawson	2 50	20 00
Mrs Higinbothsm	4 00	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

BENTHEY & CO., 35 Randolph St., Chicago.

Mention the Review when you write

PITTSBURG.

The Market.

Three days of steady rain and two days of flood hurt the flower business of this city last week. On January 23 and 24 the raging Allegheny and Monongahela rivers overflowed their banks and flooded the lower part of Pittsburg and Allegheny. Among the florists who have their places of business in flooded districts are Mrs. E. A. Williams, L. I. Neff, Geddes & Blind, Pittsburg Cut Flower Co., Breitenstein & Flemm, and W. C. Berkert, of Allegheny. Timely preparations were made by these firms and all goods were removed to a place of safety.

Prices on all flowers descended very much last week; they surely reached their lowest point; never before has good stock brought so little as now. Quantities of good carnations and roses are arriving and the demand for them is limited. Tulips of very good quality are being received. The demand for Romans and Paper White narcissi is light.

Notes.

The committee which has the Florists' Club smoker in charge has sent out a very unique announcement, a programme which should insure a full attendance.

Visitors: Edw. Reid, Philadelphia; A. Ringier, representing W. W. Barnard & Co., Chicago. Hoo-Hoo.

New Castle, Ind.—Wm. Dittman has ordered material for two houses to be added to his range in the early spring.

ROSES. ROSES.

Beauties, Rooted Cuttings, $3.00 per 100; $25.00 per 1000. 2¼-inch, $6.00 per 100; $50.00 per 1000.

BRIDES, BRIDESMAIDS, METEORS, IVORIES, LIBERTIES, PERLES, 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

ALL STRICTLY A-1 STOCK. PERFECT SATISFACTION GUARANTEED ON ALL ORDERS.

J. F. WILCOX, Council Bluffs, Iowa.

Mention the Review when you write

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guarenteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,

PLANTSVILLE, - - - CONN

Mention the Review when you write.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,

WHITE MARSH, MD.

Mention the Review when you write.

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots at 7c; larger, for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, finest purple, lavender, white and pink sorts, named, 2-year, at 18c; 1 year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii 2 year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants 8c. Golden Glow, strong roots 5c. California Privet, fine 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

CRUSADER

WINNER EVERYWHERE

THE BEST SCARLET CARNATION ever disseminated. Captured Detroit and Philadelphia. Portia Scarlet; never bursts, no disease; stronger grower; freer blooming than Lawson and larger flowers. Ask those who have seen it. Whoever sees it growing places an order. Come and see it. CRUSADER is the best commercial Carnation since Lawson came out. We have an immense quantity of fine quality cuttings. Price, $10.00 per 100; $80.00 per 1,000; 5,000 lots, $70.00 per 1,000; 10,000 lots at $60.00.

OTHER FINE VARIETIES READY NOW, BEST EVER GROWN

	100	1000
Flamingo, grand scarlet,	$12.00	$100.00
Reliance, white, ...	10.00	80.00
Lady Bountiful, white,	12.00	100.00
Indianapolis, cerise, . .	12.00	100.00
The Belle, white, ...	12.00	100.00
Albatross, white, ...	12.00	100.00

BEARDSTOWN, ILL., Dec. 22, 1903.

CHICAGO CARNATION CO., Joliet, Ill.

Dear Sirs—Crusader cuttings arrived all O. K. They are a credit to your business.

Yours respectfully, (Signed) FRANK BROS.

Standard Varieties

	100	1000
WHITE		
Gov. Wolcott, ...	$4.00	$30.00
Her Majesty, ...	5.00	45.00
Lillian Pond, ...	5.00	45.00
VARIEGATED		
Prosperity, ...	2.50	20.00
Marshall Field, ...	6.00	50.00

J. S. Wilson, Vaughan's Greenhouses, writes: "It is a good thing. I was very much impressed with it when at your place."

	100	1000
RED		
Estelle, ...	$3.00	$25.00
Palmer, ...	3.00	25.00
Harlowarden, grandest crimson, ...	6.00	50.00
PINK		
Enchantress, ...	6.00	50.00
President McKinley, .	6.00	50.00
Nelson, ...	4.00	35.00
Lawson, ...	2.50	20.00

CHICAGO CARNATION CO., Joliet, Ill.

JAS. HARTSHORNE, MANAGER

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000		Per 100	1000		Per 100	1000
Mme. CHATENAY	$6 00	$50 00	LIBERTY	$6 00	$50 00	PERLE	$3 00	$25 00
SUNRISE	5 00	40 00	MAID	3 00	25 00	GOLDEN GATE	3 00	25 00
KAISERIN	4 00	35 00	BRIDE	3 00	25 00	IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000		Per 100	1000		Per 100	1000
IVORY	$1 50	$12 50	BRIDE	$1 50	$12 50	PERLE	$1 50	$12 50
MAID	1 50	12 50	GOLDEN GATE	1 50	12 50	SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

MONTREAL.

Gardeners' Club Dinner.

The Montreal Gardeners' and Florists' Club spent an enjoyable evening at the Regina, January 19, the occasion being its annual dinner. R. W. Whiting, the president, occupied the chair and there was a large attendance of members.

An interesting feature of the evening was the presentation of a watch to Mr. Whiting, as a token of esteem from the members of the club on his retirement from office and approaching departure from the city. The presentation was made by James McKenna.

The toasts were as follows: "Montreal Horticultural Society," replied to by A. J. Bowles, secretary-treasurer of that society; "Canadian Horticultural Society," Ex-president I. Bennett; "Lachine Horticultural Society," President Church and C. A. Smith; "The Seed Trade," Messrs. A. Simmers, Toronto, and William Ewing. During the evening songs were rendered by W. C. McAllister, W. A. Lea, W. Wilshire, Mr. Knowles and Archie Walker.

The officers of the club are as follows: President, R. W. Whiting; first vice president, A. Gibb; second vice president, C. Craig; secretary-treasurer, W. H. Horobin; assistant secretary, Herbert Eddy; executive committee, A. C. Wilshire, J. Eddy, J. Walsh, W. Alcock, W. C. Hall, A. H. Walker and George Trussell.

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903 scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit, Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1 50 "	12.50 "
Lorna	2.00 "	18 00 "
Viola Allen	3.00 "	25 00 "
Floriana	2.00 "	18 00 "
Queen Louise	2.00 "	18 00 "
Ethel Crocker	1 50 "	12.50 "
Lawson	2 00 "	18 00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson, 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

Ferns

A fine lot of PIERSONI FERNS in 2 and 3-in. pots, ready for a shift; also, 5, 6, 7, 8 and 10-inch, all at low prices. BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-in. Fine Stock. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention the Review when you write.

New Carnations

All of the leading new varieties of 1904 at introducers' prices. The best of last year's varieties and other standard kinds Now Ready.

NEW CHRYSANTHEMUMS

Novelties of 1904 and other desirable kinds. Write for preliminary price list, ready Jan. 10th.

H. WEBER & SONS, Oakland, Md.

Always mention the Florists' Review when writing advertisers.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50.00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond	5 00	45 00	Harry Fenn	5.00	40 00
Prosperity	2.50	20 00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook	2.50	20.00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention the Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

FOR "OWN-ROOTED" PLANTS FROM 2½-INCH POTS.

1 Plant, each	$0.75	100 Plants and over and less than 1,000, each	$0.25
12 Plants, each	.60	1,000 Plants and over, each	.20
25 Plants, each	.50	3-inch pot plants, 5 cents each additional.	
50 Plants and over and less than 100, each	.30	PRICES OF GRAFTED STOCK GIVEN ON APPLICATION.	

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

MRS. FISHER Carnations

Rooted Cuttings or 2-inch. Stock for summer blooming, now ready. Write

GEO. A. KUHL,
Pekin, Ill.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
Goodenough	2.00
White Cloud	1.50
Flora Hill	1.50
Red.	
Adonis	6.00
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Pr 1000
Enchantress	$6 00
Success	4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.0
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

CARNATION CUTTINGS

NOW READY—ROOTED IN THE COLD.

	100	1000
Queen Louise, white	$1 20	$10.00
Flora Hill, white	1.20	10 00
G. H. Crane, scarlet	1.20	10.00
Mrs. Palmer, scarlet	1.20	10 00
Mrs. Lawson, pink	1.40	12.50
Mermaid, pink	1.20	10.00
Eldorado, yellow	1.00	9.00
Prosperity, variegated	1.40	12.00

5 per cent. discount on $ 5.00 orders.
10 " " 10.00 "

Burbank's Shasta Daisy Seed, new crop 20c per 100, $1.25 per 1000 $8.00 per oz.
Strong Smilax Seedlings, 60c per 100.
Cash with order. Express prepaid.

THE KNOLL NURSERIES, Loomis, Cal.

Mention The Review when you write.

CINCINNATI.

The Market.

Business remains very much the same as last week. Stock of all kinds is being fairly well cleared out, but the price is nothing to brag of. Altogether the total business doing foots up pretty well, but there is no life to the demand. The buyers do not appear to care whether they get what they ask for or not, and for that reason there is no hustling to fill orders. This has more to do with the low prices than anything else.

Roses of all kinds are of poor quality, especially American Beauties, the majority of which come bull-headed and buds that will not open. Short ones, especially, are hard to move. Liberty and Meteor are the only roses that are in short supply.

The greater portion of the carnations are of very good quality, and the better the quality the better they sell; it's only the cheaper kinds that are hard to move. Bulbous stock has not been doing any too well, especially narcissi and valley, which are rather slow sale. Romans are doing somewhat better. Callas and Harrisii are selling nicely. Violets are not doing so very well. Many of them do not find buyers at any price. Long-stemmed single ones do best.

Notes.

J. M. Gasser, of Cleveland, was a caller during the past week. He is on his way to San Antonio, Texas, where he will spend a month or so. En route he is stopping at various cities to see his friends.

The stork has been working overtime in this vicinity lately and the result is the arrival of two lively little chaps, one at the home of Geo. Meyers and the other at that of Jos. R. Goldman, Middletown, Ohio.

One of the errand boys of Fred Gear fell three stories down an elevator shaft, but as luck would have it, he was only bruised a trifle. Those over-the-Rhine boys are pretty tough customers.

Herbert Heller, of New Castle, Ind., was in the city Sunday.

C. J. Ohmer.

CARNATION CUTTINGS

We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12.00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,

Long Dis. Tel. BILLERICA, MASS.

Mention the Review when you write.

Rooted CARNATION CUTTINGS Now Ready.

Enchantress	per 100,	$6.00;	per 1000,	$50.00
Lillian Pond	"	5.00	"	40.00
Prosperity	"	3.00	"	25.00
Lawson	"	3.00	"	25.00
The Queen	"	5.00	"	40.00

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries, - Larchmont, N. Y.

Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATION ROOTED CUTTINGS

Selection of stock made from thirteen carnation houses. We grow for the wholesale as well as the retail cut flower trade, and grow a large selection of the best varieties in commerce. First prize taken at the Indianapolis Flower Show of 1903 for the largest collection of carnations.

	Per 100	1000		Per 100	1000
Nelson Fisher	$12 00	$100 00	Gaiety	$3.00	$25 00
Mrs. Patten	12 00	100 00	Stella	3.00	25.00
The Belle	12 00	100 00	Lawson	2.50	20.00
Lady Bountiful	12.00	100 00	Morning Glory	2.50	20 00
Flamingo	12 00	100 00	Glacier	2 50	20 00
Adonis	8 00	70 00	Marquis	2 50	20 00
Enchantress	6.00	50.00	Dorothy	2.50	20 00
Boston Market	4.00	35 00	Gov. Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Gov. Wolcott	4.00	35.00	Lorna	2.00	17 50
Pres. McKinley	3.50	30.00	Norway	2 00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana	3.00	25 00	Success	2.00	17.50
Innocence	3.00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	White Cloud	1.50	12.50
G. H. Crane	2 50		Bradt	3.00	

GERANIUM CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme Jaulin. Cash or C.O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

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...ROSES...

We grow over 100 000 annually for the trade of the following varieties:

	2x2½-in.	2½x3-in.
Meteors	$2.50	$3.50
Brides	2 50	3 50
Maids	2.50	3 50
Perles	3 50	4.50
Ivory	2 50	4 50
LaFrance	3.00	4 00
A. V. Kaiserin	3.00	4.00
Woottons	3.00	4 00
Belle Siebrecht	4 00	5.00
President Carnot	4.00	5.00
Golden Gate	4.00	7.50
American Beauties	6.00	8.00
Liberty	10.00	....

We believe in shifting young roses often. All stock offered in 2½-in. pots have been shifted from 2-in. and are equal to most stock advertised as 3-in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Ivory is a money maker. Be sure and include a few in your order. Send 50c or $1.00 for samples of anything you may want, then you see exactly he stock you are ordering.

GEO. A. KUHL, - Pekin, Illinois.

Mention The Review when you write.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen**, an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,

708 No. 16th St., PHILADELPHIA, PA.

Mention The Review when you write.

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention Review when you write.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00	per 100
Lawson	3.00	"
Maceo	2.00	"
Wolcott	5.00	"

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

New Crop ASPARAGUS PLUMOSUS AND SPRENGERI SEED.

WRITE FOR PRICES.

Carnation Cuttings.

Healthy, Well-rooted Stock.

	100	1000
Lillian Pond, Her Majesty, The Queen	$5.00	$40.00
Enchantress, Gov. Lowndes	6.00	50.00
Nelson	3.50	30.00
Fair Maid, Lawson, Prosperity and Golden Beauty	3 00	25.00
Queen Louise, Melba, Crane	2.00	18.00
Adonis	8.00	.....
Mrs Roosevelt, McKinley and Marshall Field	5.00	.....
Estelle	4 00	30 00
Gov. Wolcott	4.00	.....
Joost and Flora Hill	1.50	12.00

Can also furnish all other good varieties.

Grafted Roses on Manetti Stock.

	100	1000
Bridesmaid, Bride	$15.00	$120 00
Golden Gate and Ivory	15 00	120.00
Franz Deegen	15.00	120.00

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Cocos Weddeliana.

Good strong plants in 3-inch pots...$15.00 per 100

Asparagus Plumosus.

2¼-inch pots.....$3.50 per 100; $30.00 per 1000
3 " " ..... 6.00 " 55.00 "

We have an exceptionally fine lot of Areca and Kentia Belmoreana, made-up plants, in 6-in., 8-in. and 10-in. pots. Extra fine Kentias in 12-in. tubs. Write for prices.

SAMUEL S. PENNOCK 1612 Ludlow St. PHILADELPHIA.

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SPECIAL OFFER

Carnation Cuttings

Ready for Shipment

Our Cuttings are **perfection.** They can't be beat. Having a surplus of the varieties in heavy print, will make special prices for fifteen days. Strong rooted, free from disease.

Pink.	100	1000	White.	100	1000
Enchantress	$5 50	$50 00	Glacier	$1.50	$12 50
Nelson	3.50	30 00	W. Cloud	1 25	10 00
Lawson	1 50	12 50	Flora Hill	1.25	10.00
Inquirer	2.50		Scarlet.		
Dorothy	1.50		Crane	2.00	18 00
Joost	1.25	10.00	Apollo	3 50	30 00
Marquis	1.25	10.00	Estelle	3 50	30.00
White.			Crimson.		
Gov. Wolcott	3.50	30 00	Harry Fenn	3.50	30.00
Boston Market	3.50	30.00	Variegated.		
Innocence	1.50		Prosperity	1.50	12 50

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention the Review when you write.

The Queen Carnation.

Best Commercial White, grand stock.

Rooted Cuttings, $5.00 per 100; $45.00 per 1000

Send for list of **New "MUMS."**

CHAS. H. TOTTY - MADISON, N. J.

Mention the Review when you write.

CARNATION CUTTINGS.

	100	1000		100	1000
The Queen	$5.00	$40.00	Floriana	$3.00	$25.00
Mrs. Lawson	3 00	25.00	Gen. Maceo	3.00	25 00
Mrs. Bradt	3.00	25.00	Roosevelt	3.00	25 00
Fair Maid	3.00	25.00	Prosperity	3 00	25.00
Lorna	3.00	25.00	CASH WITH ORDER.		

THREAD CITY GREENHOUSES,

THOS. W. SOUTHWARD, WILLIMANTIC, CONN.

Mention the Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

Rooted Cuttings. The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnation Cuttings

Clean Healthy Stock.

Well Rooted, Ready Now.

	Per 100	Per 1000
Pink—		
Enquirer	$1.50	$12.50
Mrs. E. A. Nelson	1.50	12.50
Mrs. Higinbotham	1.50	12.50
Mrs. Lawson	1.50	12.50
Guardian Angel	1.25	10.00
Cressbrook	1.50	12.50
White—		
Gov. Wolcott	3.00	25.00
Alba	3.00	25.00
Murphy's White	3.00	25.00
Her Majesty	3.00	25.00
White Cloud	1.25	10.00
Queen Louise	1.50	12.00
Bon Homme Richard	1.50	12.00
Variegated—		
Marshall Field	5.00	45.00
Mrs. Bradt	2.00	15.00
Prosperity	2.00	15.00
Viola Allen	3.00	25.00
Stella	3.00	25.00
Scarlet—		
J. H. Manley	3.50	25.00
G. H. Crane	2.00	15.00
Mrs. Palmer	2.00	15.00
Mrs. Ine	1.25	10.00

MICHAEL WINANDY,

406 DEVON AVE.

L. D. Phone Rogers Park 642. CHICAGO.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100,	$2.50	Per 1000,	$20.00
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS.

58-60 Wabash Ave, CHICAGO.

Mention the Review when you write.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS. WE NEED ROOM.

	Per 100	1000
Enchantress, lt. pink	$5.00	$45.00
Wolcott, white	3.50	30.00
2000 and over		28.00
Lawson, pink	1.50	12.00
2000 and over		11.00
Prosperity, var.	$2.00	$18.00
Lillian Pond, white	3.00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00
Joost, pink	$1.50	$12.00
Higinbotham, lt. pink	1.50	12.50
Harlowarden, scarlet	3.00	
Lorna white	2.50	20.00

Prices in 2½-inch stock on application.

Stock Mums of Merry Christmas, Eaton, $1.00 per doz.; large clumps. Booking orders for 2½-inch roses and mums, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. COMPANY, Morton Grove, Ill.

Mention Review when you write.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.

Mention The Review when you write.

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery. $1.25 per doz.; $8.00 per 100; $70.00 per 1000.
Also Rooted Cuttings of Enchantress, $6.00 per 100. **G. M. NAUMANN,** 1537 Doan St., Cleveland, O.

Mention the Review when you write.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1 1904.
$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
PLATBUSH, N. Y.

Orders may also be sent to the firm of SLINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention the Review when you write.

OCEANIC, N. J.

The semi-monthly meeting of the Monmouth County Horticultural Society was held in Redmen's Hall, January 22. The officers were installed and Prof. C. H. Walling officiated. The officers are as follows: President, Wm. Turner; vice-president, George H. Hale; recording secretary, H. A. Kettel; financial secretary, George Kuhn; treasurer, W. W. Kennedy. The treasurer's report showed a good balance on hand from this year, in addition to the stocks the society holds, for this is one of the most prosperous societies in the state of New Jersey.

Some beautiful roses were shown. Geo. H. Hale had Morgans, which scored eighty points. H. A. Kettel had the finest Brides, Maids, Carnots and Golden Gates ever shown to this society and scored ninety-seven and a half points. He also had some fine sprays of elerodendrons and two varieties of tulips. James Dowlen had a crimson carnation seedling, a splendid bloom with a strong two-foot stem, which scored eighty points. He also had a good scarlet, but not enough blooms to be judged.

The judges of the evening were Geo. H. Hale, James Dowlen and A. Williams. Mr. Hale read a list of chrysanthemums, 117 varieties, which he grew ten years ago in Brookline, Mass., but there is not one of these varieties grown at present. The discussions of the evening were "Strawberry Forcing" and "Remedies for San Jose Scale." After the business meeting a lunch was served and the boys had a high old time. B.

Meramec Highlands, Mo.—N. Himmers has 200 sash 3x6 feet in violets in fine shape for a big crop in February and March. He grows Campbell, Louise, Princess of Wales and California. He expects to build two greenhouses in the spring, one for green goods and one for carnations.

DO YOU USE NICOTICIDE?

You should.

Its use means fine flowers, and more of them.

It KILLS ALL BUGS.

Can be used as vapor or spray.

It is not costly.

Easily and quickly applied.

If you have never used it, write us and we will make you an interesting proposition.

The Tobacco Warehousing & Trading Co.
LOUISVILLE, KY.

Our Motto:—Do unto others as you want others to do unto you. Give us a trial.

Mention The Review when you write.

Geraniums..

Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.

VINCAS—Variegated, from 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention the Review when you write.

FOLEY'S FLORAL FOTOGRAPHS

Send for my Floral Album, size 12x11, containing 24 different funeral designs Sent to any part of the country by express, $7.00 c. o. d.

226-226½ Bowery, NEW YORK.

Mention The Review when you write.

Primroses, Chinese and Obconica

Extra nice stocky plants, 2¼-inch, $2.00 per 100; 300 for $5.00; 3-inch, $3.00 per 100; 200 for $5.00. **Asparagus Plumosus Nanus**, from flats, ready for potting, $2.25 per 100 by mail; $20.00 per 1000. 4-inch, $8.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Gladiolus Bulbs

My XX stock is the best obtainable, have been selected from choice named varieties of Gandavinsis, Lemoine, Nancelanus, Childsii and choice seedlings. Send postal for account of it.

M. CRAWFORD, Cuyahoga Falls, Ohio.

Mention The Review when you write.

WE MUST HAVE ROOM

and offer a lot of ten thousand (10,000) Geraniums in 2½ and 3-inch pots at a special discount from regular prices. Have them in all the popular shades of red, white, pink and salmon. Get your order in early, as these are a bargain.

....WRITE....

GEO. A. KUHL, - - Pekin, Ill.

Mention The Review when you write.

ALYSSUM—3-inch, $3.00 per 100.
Pelargoniums—Mixed varieties, 2½-inch, $3.00 per 100. **Petunias**—Mixed varieties, 2-inch $2.00 per 100. **Ivy Geraniums**—Mixed varieties, 2-inch, $2.00 per 100. **Primulas**—Obconica, rosea, fine plants, 3-inch, $5.00 per 100. **Geraniums**—R. C., Poitevine, E. G. Hill, A. Ricard, Gen. Grant, La Favorite, all mixed, $1.50 per 100; $12.00 per 1000. Cash please.

CONVERSE GREENHOUSES. Webster, Mass.

Mention The Review when you write

Special Offer
TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2-inch ..... .50 "
Send for **Cryptomeria Japonica** circular; we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

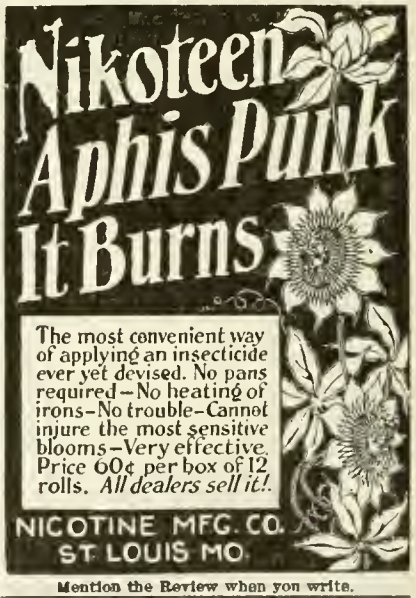
Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.
Mention the Review when you write.



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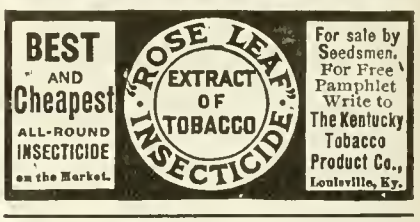

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

..FERNS..

Boston and Piersoni

Pot-Grown Plants.
Finest Quality.

Bostons—2½-in., $3 50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $10.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni—Strong rooted runners reduced to $5.00 per 100. 2½-in., $8 00 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

Mention Review when you write

ASPARAGUS

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, 2-inch pots	1.50
Geraniums—10 varieties	3.00
Primroses—Chinese and Obconica	1.25
PANSY PLANTS	.50
	$2.50 per 1000

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

ROOTED CUTTINGS—ROSES.

	100	1000
American Beauty	$3.00	$30.00
Bride, Maid, Ivory, Gate	1 50	12 00
Perle, Kaiserin, Meteor, Can. Queen	2 50	22.50

Place your order for 2½ inch or 3-inch stock later delivery. We guarantee this strongly-rooted healthy stock, and extra good value.

Twenty leading varieties of Stock Mums and Root Cuttings at lowest rates. Boston Ferns $4.00 to $35.00 per 100. In excellent condition.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

COLEUS

in red, yellow and mixed varieties, both rooted cuttings and 2-inch stock.

CARNATIONS—Fisher and Joost, for summer blooming in both rooted cuttings and 2-inch; Crane, Wolcott, Norway, Queen Louise, Lawson and Guardian Angel. Write for prices.

GEO. A. KUHL, Pekin, Ill.

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SOUTHERN RAILWAY

TO ALL THE PRINCIPAL CITIES AND RESORTS
South, Southeast, Southwest, Florida, California, Cuba, Mexico and Central America.

"The Land of the Sky" and "Sapphire Country"

Pullman Drawing and Stateroom Sleeping Cars; Dining, Library and Observation Cars of the Highest Standard. The Route of the

Washington & Southwestern Limited and Sunset Limited

New York and New Orleans, Los Angeles, and San Francisco.

The Southern's Palm Limited

New York and St. Augustine.

Write for Descriptive Matter

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ALEX. S. THWEATT, Eastern Passenger Agt.
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GERANIUMS and MISCELLANEOUS STOCK.

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Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Moonvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Smilax.... ....per 1000 $15 00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria**, 2¼-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please.
Write for prices on large lots for future delivery. Send for Trade Price List.

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Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

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Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri**, 4-in. $6 00 per 100. **Dracaena Indivisa**, 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

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Dracaena Bruanti, 6-inch pots, 20 to 25 inches high, to make room for Easter plants, cut down from 50c to 35c.

Ficus Elastica (Rubber Plants), 6-inch pots, from 20 to 28 inches high, at $3 00, $4.00, $5 00, $6.00 per doz.

Begonia Prea. Carnot, 6-inch pots, $2 50 per doz., in bud and bloom. Other varieties, mixed, 4-inch, $1 80 per doz.

Cyclamen in bud and bloom, 4-inch, $2 00 doz.

Primula Obconica in bloom, $1.80 doz.

Cinerarias, large, 4-inch, $8 00 per 100.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,
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PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1 00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later.

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1657 Buckingham Place, CHICAGO, ILL.

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Pine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

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C. C. POLLWORTH CO.

MILWAUKEE, WIS.

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Mention the Review when you write.

NEW BEDFORD, MASS.

We have been having weather that the old-timers tell us has been the coldest for thirty years. The snow has been kind to the florists, having frozen so hard on the greenhouses that it made a good protection. A. B. Hathaway is the only one here who lost by the snow to any extent. He was going to put some extra stays in his new house, but forgot it, and the center caved in. Moral: Don't put off until tomorrow what you can do today.

Business is very quiet. There are plenty of flowers around that are loafing.

The regular meeting of the New Bedford Horticultural Society was held January 12 and the following officers were elected: President, Wm. Keith; vice-president, Peter Murray; clerk, J. C. Forbes; assistant clerk, Geo. W. Woods; treasurer, Wm. F. Turner; executive committee, Dennis Sea, Peter Murray, James Gartley, August H. Jahn and A. J. Fish. After the meeting a supper was served at Wickham's Cafe, thirty-one plates being laid. President Keith acted as toastmaster and Thomas Gray, of Boston, was the guest of the evening.

The regular meeting of the Florists' Club was held at R. S. Noxie's, Mattapoisett, and we all had a very pleasant evening. W. L. G. Brown gave a very interesting talk on boilers and heating. Mrs. Noxie provided the members with a very nice supper. The next meeting of the club will be held with the downtown florist.

W. G. Kroeber, of Danbury, Conn., has returned to New Bedford with his family.

C.

Middletown, N. Y.—John Logan was recently assaulted as he was feeding his boilers at midnight by a colored man to whom he had refused to rent a house.

Decatur, Ill.—The Decatur Horticultural Co., recently incorporated, has capital stock of $2,500 held as follows: Oscar Mueller, $1,285; G. W. Neyhard, $625; Jos. Charonne, $600.

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Specially prepared paper thoroughly saturated with **PURE NICOTINE. Can be EASILY used. POSITIVELY EFFECTIVE. Free from ammonia. Will not injure ANY greenhouse plants.**

1 Box (12 Rolls).....$0.60 **1 Case (12 Boxes).....$6.50**

Send for booklet on To-Bak-Ine Fumigating Powder and To-Bak-Ine Liquid; also "**Words of Wisdom**" by prominent growers.

Manufactured only by **Detroit Nicotine Company**

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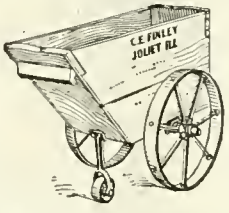

A MULCH TRUCK

For use in the narrow walks of a greenhouse, will turn a **Square** corner and pass down a 20-inch walk; holds about two bushels, is easy to handle and is very strong.

PRICE $5.00 NET, F. O. B. JOLIET.

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ALSO

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Igoe Bros., Manufacturers, 226 North 9th St., Brooklyn, N. Y.

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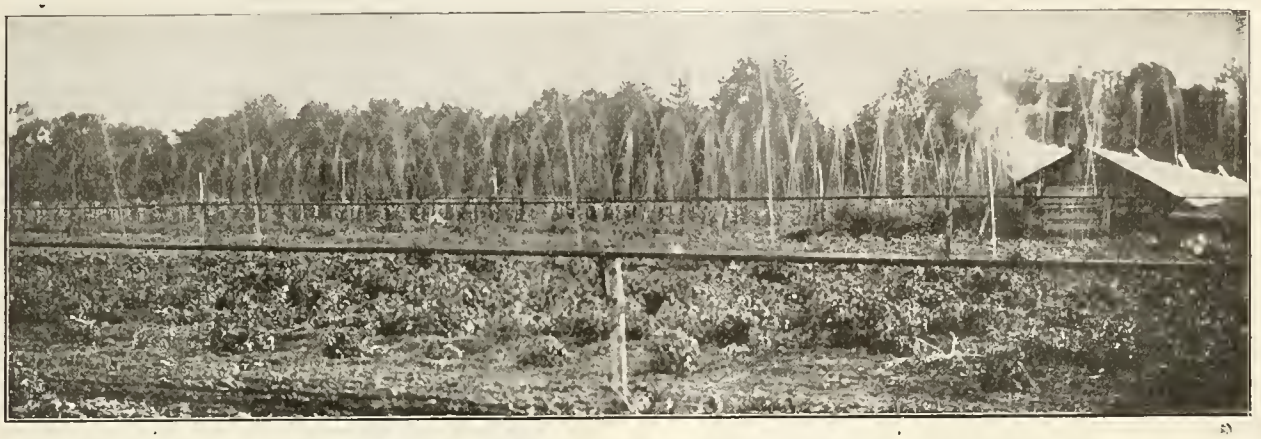

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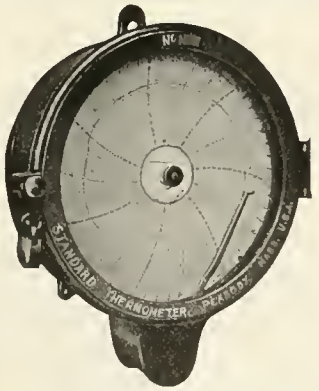

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We are the largest manufacturers of rustic work in the United States. Special discount to the trade. Send for catalogue and prices. Special work made to order.

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RESCUES THE BLOOMS from Bugs!

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Fumigating Kind Tobacco Powder KILLS ALL APHIS IN ONE NIGHT in a house 100x25 ft., at a cost of 10c. A 5 lb. trial pkg. will cost nothing if you will pay the express charges on it. Our booklet tells of it. Write Dept. D. for it.

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Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.

For particulars address John G. Esler, Sec'y., Saddle River, N. J.

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KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

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The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

Size				
No. 0	3x4 x20..	$2.00 per 100;	$19.00 per 1000
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" No. 3	4x8x18....	2.50 "	23.00 "
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" No. 6	4x8x28....	3.75 "	36.00 "
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" No. 8	3x7x21....	3.00 "	28.50 "
" No. 9	5x10x35....	6.60 "	62.00 "
" No. 10	7x20x20....	7.60 "	67 00 "
" No. 11	3½x5x30..	3.00 "	28.50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O
Box 104.

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KALAMAZOO, MICH.

Just after New Year's trade took a considerable drop and continued very dull for two weeks. Since then, though the change has been slow, business has now regained its former footing and remains steady. The supply of roses is at about the lowest ebb, the old crops being entirely off and the new cut just beginning. The prospects are good for a very fine cut in the near future. Beauties are producing some very high grade blooms but the supply is far short of what it was at holiday time. Carnations are in full crop. The demand is fair but prices, as a rule, are not so satisfactory. The lily crops for Easter are showing up in excellent form, little or no trace of disease having as yet appeared. The quantities grown will be largely in excess of last season. Bulbous stock of excellent quality has been on the market for some time and commands a ready sale at good prices.

The Van Bochoves have been cutting some very fine Harrisii since before the holidays, their cut being sold out every day.

The weather has been cold and cloudy and on Sunday we had a blizzard with the temperature 8 degrees below zero.

R.

CARNATIONS REGISTERED.

H. Weber & Sons, Oakland, Md., register New Daybreak, color the true Daybreak shade, which is not affected by the heat of summer. The result of a cross between seedlings of Scott extraction on one side and of Daybreak extraction on the other. The vigorous characteristics of these two varieties are fully conserved in the New Daybreak; the color at no time of the year has a washed-out appearance. Blooms three inches and over in diameter, stems eighteen to thirty inches during the season and always strong enough to hold the flower erect. A very free bloomer and possessing the elements of a most profitable commercial variety. Does not burst and is a splendid keeper and shipper.

Albert M. Herr, Sec'y.

Middletown, O.—Henry Bander bought the property of H. Spera at the recent sheriff's sale.

There is one place where you can be sure of getting THE BEST

GREENHOUSE MATERIAL

That is from the

FOLEY MANUFACTURING Co.

CHICAGO

471 W. 22nd ST.

We also make Hot-bed sash.

Illustrated catalogue sent free!

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Garland's Gutters

Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

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DILLON'S GREENHOUSE MFG. CO. BLOOMSBURG, PA.

MANUFACTURERS OF HOTBED SASH, AIR-DRIED GULF CYPRESS SASH BARS AND OTHER GREENHOUSE MATERIAL.

BUILDERS of DURABLE and PRACTICAL GREENHOUSES at a LOW COST.

Our descriptive circular contains valuable information for every florist. Send for it.

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Greenhouse Material.

HOTBED SASH.

Of Clear La. Cypress and Wash. Red Cedar.

BEST GRADES. PERFECT WORKMANSHIP.

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615 to 621 Sheffield Ave., CHICAGO ILL.

ADAM SCHILLO LUMBER CO.

Dealers in all kinds of

HEMLOCK and PINE

..LUMBER..

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ALSO CEDAR POSTS

of all LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.

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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

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It has no equals for simplicity or its working. Catalogue free.

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Send for catalogue which contains references and a large list of houses with lines of sash 200 to 740 ft. long operated by single machines.

Prices 10 to 30 per cent. cheaper with a ten-year guarantee.

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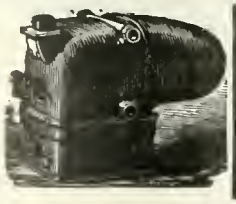

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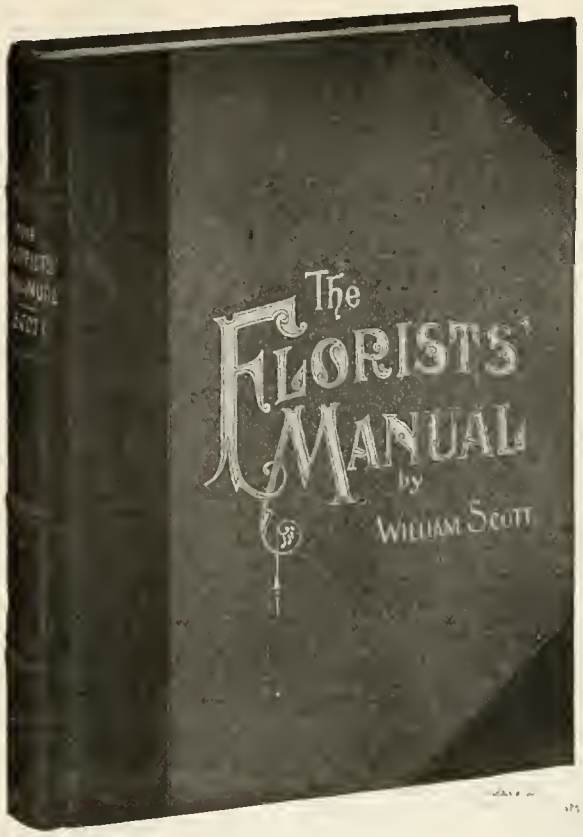

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It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

FLORISTS' PUBLISHING CO.

Caxton Building, CHICAGO.

The book treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

The price is $5.00, carriage prepaid.

If you have not already obtained a copy of this book order one now.

If you cannot spare the full price at once, write us for our monthly payment offer.

The Florists' Manual

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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Araucarias
Ardisia
Aristolochia
Asparagus
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Aster
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Azalea
Balsam
Bay Trees
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Begonia
Bellis
Bottom Heat
Bougainvillea
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Bulbs
Caladium
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Oleander
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Packing Flowers
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Paeonia
Palms
Pandanus
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified advs. and they will be found there under their proper headings.

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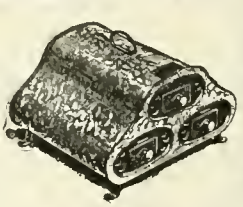

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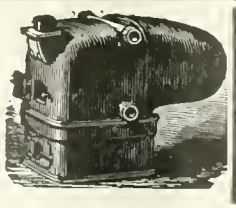

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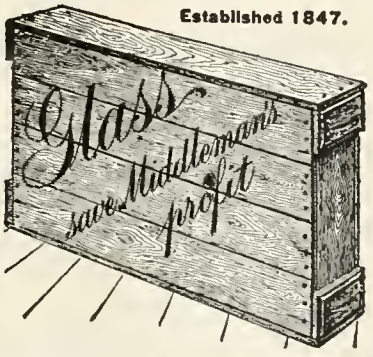

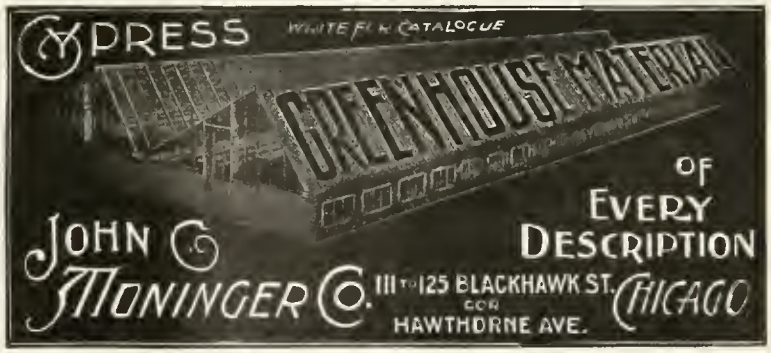

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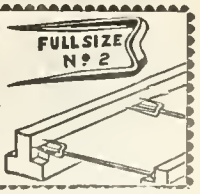

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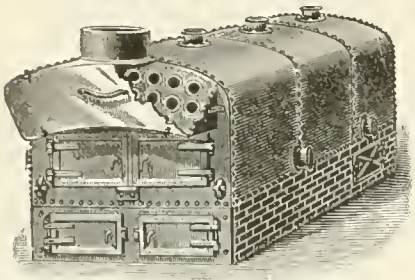

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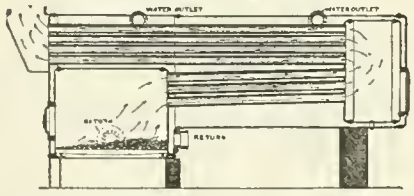

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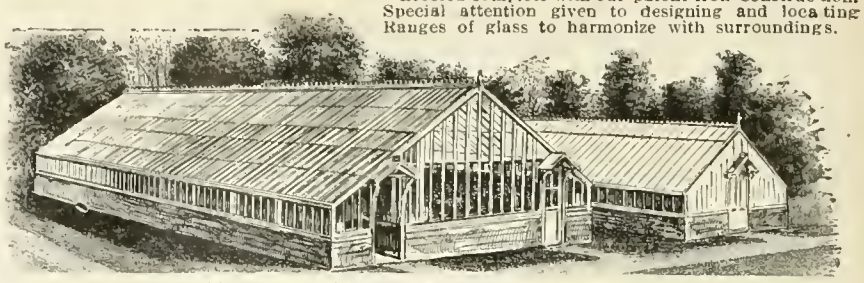

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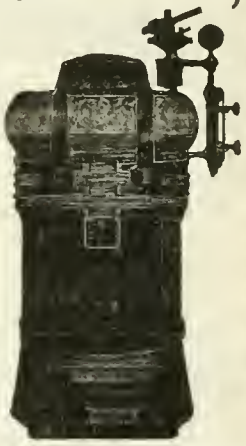

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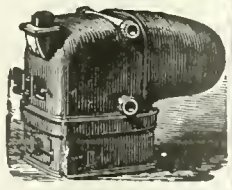

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Vol. XIII. CHICAGO AND NEW YORK, FEBRUARY 4, 1904. No. 323.

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BEGINNINGS IN DESIGN...

THE FLAT BUNCH.

The Source of Correct Ideas.

Making a flat bunch may be termed the free hand drawing of our art. There is no excuse for its not being well done. Often in filling design frames the artistic value of a flower must be sacrificed for a mechanical reason. Certain space must be filled or covered, whether the best effect is secured or not. While the utmost care should be exercised to prevent such a necessity, there are times when it cannot be avoided. But in the arrangement of flat clusters there is no need of that kind of scheming. We are free to execute our best ideas and the first necessity is to find an idea, or rather, the source of ideas. Start right. But how start right? Form correct habits of observation. This is no easy task, yet there are many more difficult ones.

For absolute standards of correctness in design natural objects are the only models whose style no one can attack. Therefore, to start right, cut out all remembrance not only of pyramidal, stiff necked, clubby "bouquets," but even those much more creditable and modern, and clear the mind for a new impression. The natural object selected for this pattern is one ready at hand, a single long-stemmed rose, one of the number out of which the cluster is to be made. First grasp its character by analyzing its form and studying its curves. Get the general trend of the stem; see where the foliage is placed and how it hangs; the taper of the stem; how the flower hangs; the shape of the bud, whether it is long and pointed, or round. Shut your eyes and see its image in your mind's eye. Take another look and compare the mind's image with the real rose.

Elaborate the Flower Model.

Soon there will flash across your mind the picture of a cluster which takes the same general appearance as our model flower. You can see the easy sweep of the spray and the curve and bend like that of the pattern. The lines will be thicker, but not any thicker in proportion; the spray will point out like the bud; a little branch will show where a leaf was conspicuous on the pattern; the stem end of the cluster will be heavier than the tip, and the bunch as a whole will be a second edition of our model rose.

If this principle is followed out, there will be no need of copying other people's work. You will have an unfailing source of ideas, for no two flowers are alike, much less the design of a branch or a flower stalk. Your work will be varied in proportion to your powers of observation and adaptation.

The Form and Tie.

The ribbon tie conforms to the character of the bunch by following the lines of the cluster. Observe that it is not square with the stem ends. That would be awkward here. A rose is drawn back from the main part of the bunch through the upper bow and falls over one of the ribbon ends. The bunch is tied with wire before the ribbon is put on.

Observe that in this bunch the flowers are at irregular distances from each other. It has no built-up appearance. The flowers composing it have a relation to each other, which is taken from the grouping of buds as they often appear in clusters on the stem. There is a connection, not only between the individuals of these little groups, but between the groups themselves.

Don't be afraid of using space. There is plenty of it. Let in a little light here and there through the bunch. It will help wonderfully. About one-third of the foliage is removed toward the lower ends of the stems, to prevent the "humped" look under the tie on the stem end.

As a rule, one kind of flowers is best for beginners. Roses and carnations are not happy partners for the same cluster. If compelled to use them together, make separate clusters, and throw the smaller one over the stem end of the other, in place of a ribbon tie.

As to Colors.

Now, as to coloring in the rose bunch, this cluster was for an elderly man's funeral. The roses were Ivory, and the ribbon light violet satin. The general tendency now is to use flowers of one color in one bunch, but there is no reason why a touch of a contrasting color, or a shade or tint of the same is not perfectly in keeping with the most fastidious taste. By the term tint is meant a lighter tone, and by the term shade is meant a darker tone of the color in question. In selecting colors for use together in one bunch, many people will expect to see you use half of one color and half of another. But instead of checker-board combinations like that, let one color be in excess and introduce just enough of another color to relieve or touch the predominant color. That cannot take from the simplicity of the cluster, which should be the rule, both as to arrangement and coloring.

The Carnation Cluster.

In the carnation cluster the same plan is used, both in obtaining the design and in following its pattern in the cluster. There is selected as a pattern a carnation flower with a spray of foliage on the same stem, and the carnation bunch is a product of similar style. There is no attempt made with the carnations to have a long, slender cluster. It is quaint and bunchy, more in keeping with the appearance and character of the carnation as a flower. A thick mat of asparagus should be set under the bunch to raise it off the flat surface. Carnations do not lie flat gracefully, as most roses do.

Where it is possible always use the natural foliage with its own flowers. Don't throw away the long-stemmed

Design for Cluster of Ivory Roses, Afer a Rose of that Variety.

buds which remain when carnations are used for design work. Use many of them among and under the flowers. If the natural foliage cannot be had, get foliage which most nearly resembles it in color and form. Centaurea gymnocarpa, any of the pteris ferns, asparagus and fancy grasses are good substitutes for carnation foliage.

Narrower ribbons with plenty of loops suggest themselves as ties. But don't tie all the bunches with ribbon. Use as many bunches without. A spray of green often makes a dainty tie. Sometimes at a funeral the amount and variety of ribbon is entirely too dazzling for the everlasting fitness of things. There is usually enough variety in the different kinds of flowers used nowadays, without aggravating the condition. Gertrude Blair.

PIMELEAS.

These beautiful greenhouse shrubs are nearly all natives of Australia and New Zealand, and consequently require cool greenhouse treatment. They are easily grown, are profuse bloomers, the tip of each shoot producing a flower head, and when they are properly handled and of sufficient age the number of these shoots is large, so that a three or four-year-old plant will average from fifty to 100 blooms.

Being compact in habit of growth they require little training, the only pruning required being to cut back the blooming stems to about one-half of their last growth. They succeed well in a compost of one-half fibry peat soil and one-half good fibry loam, to which must be added about one-sixth of sand, broken pot-sherds and charcoal in equal proportions. Unlike most other hard-wooded plants, they delight in plenty of water, so they must be provided with perfect drainage and as red spider is particularly fond of them they require frequent syringing.

As soon as the flowering season is over the shoots should be cut back and the plants removed to a cool house or, if the season will permit, to an outside frame, where they should be kept cool by shading and moist by covering the pots with moss until the eyes break, when the shading should be discontinued. During this stage they should be frequently syringed to encourage the eyes to break. When there is a good start made with the new breaks they should be repotted and shaded for a few days.

Although they blight in a cool temperature, 40 to 45 degrees during winter, they are very susceptible to frost, the first touch causing them to shed their foliage, so they must be housed before there is the least danger.

Propagation is usually effected by cuttings in sand at a temperature of 48 degrees, kept moist and shaded until the hairlike roots appear, when they should be potted and placed in a cool, moist atmosphere until the ball is well filled with roots, when they can be fully exposed to light and sun. They can also be propagated by seed but the process is too slow to be either profitable or interesting.

Well-grown specimens, by their attractive shape and color of bloom, usually command a ready sale, as they make a good window plant and coming into bloom just as most other hard-wooded plants are going out, they are doubly valuable. They remain in bloom from three weeks to a month. Their colors vary from deep red through all the shades of pink to a pure white.

Some of the varieties best suited for commercial work will be found in the following list: P. arenaria, white; decussata (ferruginea), rose; glauca, white; Gnidia, red; ligustrina hypericina, white; rosea, rose and pink; spectabilis, white tinged with pink.

These plants can be flowered in very small pots while in a young stage but this ruins them for afterwork. The cut flowers have good keeping qualities and are very effective in design work or sprays. Ribes.

CARNATION NOTES—WEST.

Notes on Varieties.

Before receiving the last number of the Review I had decided to give my impression of some of last spring's novelties, of which we bought more or less quantity for trial, and as only a few of these are mentioned I will go ahead. We make a practice every year of buying at least a few of nearly all the varieties that are introduced and are likely to be of value to us. Some few that we did not buy I have seen growing on other places, and was able to get an idea of what they looked like on the bench.

A Study for the Floral Artist.

Two varieties have stood out above all the rest with us, but most of the others have some very good points about them and some of them will no doubt be grown in quantity for a few years. Enchantress has produced a good crop of large blooms on fine stems. The color is fine when the bloom first opens, but it wants to be cut when three-quarters open, else the edge will fade. The center does not open quick enough. It keeps well with us.

Harlowarden is a grand crimson and so far ahead of Roosevelt that we do not want the latter any more. It is very early and free in spite of the long stems it makes. The color is a trifle dark. It never splits and will stand lots of feeding.

Gov. Lowndes made a poor growth in the field, but after housing it at once shot up long, strong stems and made good blooms. This may make a good commercial sort.

Lillian Pond has disappointed us somewhat. We were led to expect a big crop of large blooms extra early from it; three and one-half inch blooms in September, we were told, but we failed to see them. It is a strong, sturdy grower and produces large blooms, rather late with us. Splits some in midwinter. One large grower told me not long since that it will be one of his main whites next season.

Her Majesty we consider a very fine thing. It comes in early and blooms steadily. The blooms are of good size and it never splits. We are making all we can of this. Will stand heavy feeding.

Mrs. Theo. Roosevelt has a beautiful color, neither red nor pink. The early blooms came rather single and flimsy, but it rounds up in good time. Perhaps it wants more feeding than we gave it.

Innocence would be a grand carnation if it did not inherit a bad fault from one of its parents, Flora Hill. With us it has a little bacteria this year, but we hope to keep it clean next season. A nice round bloom, pure white and a fine stem. Makes a fine plant in the field and is very free.

Murphy's White has not done well for us, but some say that for quantity of medium grade blooms it is hard to beat.

Sybil stem-rotted badly with us, but what was left made good plants and fine long stems. The bloom is average size and the color is a fine soft shade of cerise. Should be a good commercial sort.

Fragrance is a free flowering variety of a blush color. The blooms are fair sized. The stem and calyx are good.

Pres. McKinley has not made good with us, but I am inclined to lay the blame on ourselves. On the originator's place it is doing fine and also on another place not far away. Both of these growers have a very rich soil and their carnations make a very strong, heavy growth. I think a lack of food is the cause of this variety's poor showing on so many places. Give it a heavy diet next year and see if it does not improve.

Success has not shown us anything very good yet. The growth is very thin and wiry and we did not expect a large bloom. The bloom is quite small, but the color is very pleasing. Too small for us.

Adonis has surprised us twice this season. The first time by refusing to take hold of the soil after we planted fine strong plants. The plants seemed to dwindle away until they looked fit for only a hospital. The second surprise was when those sick looking plants shot up some fine stems and produced blooms that would make a seedling raiser's heart leap for joy. We are going to learn to grow this variety if we possibly can. It will never become an every-day scarlet, like Crane, but it always brings a fancy price and will most likely be a paying variety. Will try indoor culture on a few of it.

We did not buy any of The Queen, but have seen a couple of batches that looked very fine indeed. Large blooms on good, long stems and very free.

Fair Maid is also liked real well by

those who bought it, I understand. It is very early and free, though not so large nor of as good form as Enchantress. Recommended as a fine summer bloomer.

And few plants of the new Richmond Gem have demonstrated that this is going to be a factor in the race between the scarlets for commercial favor. The color could not be improved. The stem and calyx are perfect and in productiveness it has no equal among the scarlets. The size of the bloom is equal to Crane, or perhaps a trifle larger. An easy doer; keep your eye on it.

Most of the above varieties will be tried again next season. Of some we shall plant only a hundred or two, while of a few we will plant all that we can make from what stock we have. Some of those that look only medium this year may surpass the more promising ones next year, when we will know their wants a little better. We think that every variety that shows the least bit of promise should have at least two years' trial before it is discarded. You don't need to go into them heavy. You will often save for yourself a fine variety that did not get the treatment it wanted at the first trial and could not show its good points. Many a grower will discard Adonis this year, but I will venture the prediction that many of them will try it again in a year or two.

A. F. J. BAUR.

NOTES ON VARIETIES.

I was much interested in the opinions of the different large growers on the varieties of carnations in last week's REVIEW. Now, those opinions are all right and a guide to other large growers who have but one, two or three varieties to a house, those varieties doing well under the same treatment. But I would like to see the opinions of some of the smaller fellows, who grow, say, from 1,000 to 5,000 plants, the blooms of which they retail over their own counter. They usually have to grow several varieties in one house. In that way we could find out which varieties were best to grow for one's own counter trade. Of course we all know that Lawson is at the head of the list, and if the different sports that are springing up all over the country prove as good, as profitable and as easy to grow as the original, I am not sure but what most of us will be growing Lawson and Lawson sports and give all other kinds the go-by. S. P.

BEST WHITE CARNATIONS.

I note I. V. K. asks for the best white carnation in your issue of January 21, and in Mr. Baur's reply he has given a list of good varieties. With us some have done exceptionally well, but there are a couple of others that in our district are very largely and successfully grown; in fact, one variety is considered the most prolific and best type of commercial white in the list to-day. That is the Glacier. This might be more successfully grown than the ones enumerated. Peru has also done well here. These are not show flowers, but for good average commercial whites they are more profitable and easily grown. Glacier will not give a long stem early in season, but by November it is all right, while Peru gives a good stem early and is a continuous and prolific bloomer. I would say that either Glacier or Peru are more prolific and better average flowers than Mrs. Joost or Lillian Pond. The latter has been a very constant bloomer and of superior size and substance. Flowers of pure color, well built, and bringing a higher price than any other white.

JOHN H. DUNLOP.

A Bunch of Carnations After the Natural Form.

SUMMER CARNATIONS.

Please tell us the best carnations for bedding outdoors in summer. L. L. B.

Some of the very latest introductions may be fine for this purpose, but we can't speak from experience and, again, some varieties that have lost their usefulness for winter flowering are still very satisfactory for summer blooming. An instance of this was old Portia that gave us fine blooms in the field in August and September for several years after it was "N. G." for inside. Not everyone knows what a grand variety Estelle is for flowering in the field, but last August I had the pleasure to give John Dunlop the first prize for a vase of Estelle picked from plants in the field, and if we could all grow them like that there would not be need for looking any further.

I would plant for summer blooming any of the following in their color: Crane or Estelle, scarlet; Crocker, Scott or Joost, pink; Boston Market, Evelina or Her Majesty, white; Harry Fenn, crimson; Mrs. Higinbotham or Morning Glory, light pink. Of all of the above, unsatisfactory as Ethel Crocker is during the winter, it is a wonder for the fall months outdoors. W. S.

ROSES.

Seasonable Hints.

Young stock which requires repotting should be attended to without delay, as any approach to being pot-bound will be certain to cause a check to their growth. As the larger and better grown stock always makes the best plants for benching, start earlier, grow better and give the most satisfactory results as bloomers, they should have the very best of care while in this stage. To produce hardy, stocky plants with short-jointed, solid wood, a half inch shift is preferable to a larger one. This, while entailing more labor, saves a good deal of room, which, during the next two months, will be especially valuable.

When new pots are used particular care should be taken with the first watering, as they absorb so much of the water that it is more difficult to get the soil equally moistened, so it is better to water lightly and frequently till this is accomplished. Pots which have been previously used should be washed thoroughly, outside and in, and allowed to become dry before using.

When plants are shifted from a 2-inch to a 2½-inch they require no drainage, as the bulk of the soil added is so small that there is no danger of souring, if the soil is properly packed and the mater-

ial upon which they are to be set is fresh and free from mud.

As there is so little room around the ball when a half-inch shift is practiced, the soil should be made fine by passing it through a quarter-inch screen, and if the soil is in a hearty condition it can be passed through readily without caking. The ball should be disturbed as little as possible, simply rubbing off the sharp edges around the upper part and placing it in the pot so that the surface of the ball will bear the same relation to the new pot as it did to the old.

After repotting the stock should be returned to the house without delay and not be allowed to stand around in the potting shed, where there is always more or less draught, which is very injurious.

Before commencing this repotting the planting plans should be so far completed that a definite knowledge of the number of plants required should be had, so that any weak plants may be discarded. Twenty or twenty-five per cent. margin is amply sufficient to give a good pick, unless there is a wish to have a large surplus for sale, which is very rarely profitable. It is better to give the space, care and attention to that which has to earn the money next season than to have them crowded and half cared for in order to gain a few dollars by surplus stock.

Precaution should be taken against mildew by using the sulphur blower once a week and keeping the pipes painted with the sulphur mixture and paying particular attention to ventilation, it being so easy to induce an attack of this pest, especially when the plants are in such a soft growing condition, and so hard to get rid of for the same reason.

By giving the young plants plenty of room it is easier to keep spider in check and is beneficial to the stock by admitting more light and a freer circulation of air among the foliage. RIBES.

WEAK STEMS.

My roses were planted in June, half of them on raised benches, the others in solid beds. So far those on the benches have out-bloomed the others by about one-fourth, but now those on solid beds seem to be catching up pretty well. The trouble is, all have weak stems, those on solid beds being weaker than those on the benches. I twice gave them a mulch four parts cow manure and one part soil, with one quart bone meal to the barrow load of mulch. Having bright weather in December we fed twice with liquid manure. The plants look healthy and the blooms are of good size. We watch the temperature closely and ventilate when needed. We gave the benches some lime between the mulches, but without results. The soil is three-fourths sod and one-fourth cow manure. What is the cause of the weak stems? A. B.

So far as the evidence furnished goes there seems to be nothing wrong with the general treatment of this stock. A. B., however, fails to mention the night and day temperatures at which he runs his roses, a most essential piece of information where weak stems constitute the principal trouble.

The roses on raised or table benches, no doubt, will do better during winter than those on solid beds, as the roots and drainage are more under control. For summer blooming those on solid beds generally give best satisfaction.

There may be some very essential element absent or deficient in his soil, and as wood ashes contain every element necessary and in the right proportions to insure rapid growth and perfect maturity, a sprinkling of these might be of benefit. But as these elements are in a very concentrated form, ashes must be used with caution. One peck is sufficient for every 500 square feet for a first application, one such application every two weeks, closely watching the results and increasing or diminishing the quantity as results warrant.

If these are, as I assume, tea roses, the night temperature should be 56 degrees, with a day temperature ranging from 60 to 75 degrees, according to sunshine, ventilating freely on all favorable occasions and whenever possible keeping a small crack of air on at night to keep the air in circulation. RIBES.

BEDDING ROSES.

Please give a short list of such roses as are sold in the spring as potted plants or are suitable for bedding.
W. F.

Leaving out that great class, the hybrid perpetuals, which are seldom sold in pots, and to give the best results should be established in the ground, the roses known as bedding would include the teas, hybrid teas and Bourbon and are often all classed as monthly roses. Here are a dozen that, with good fresh soil and cultivation in the way of watering and hoeing and mulching, will be most satisfactory. Only a few of our monthly roses are hardy in our northern states.

White Maman Cochet, Pink Maman Cochet, Admiral Schley, crimson; The Burbank, shell pink; Kaiserin Augusta Victoria, white; Souvenir du President Carnot, delicate flesh pink; La France, rose pink; Perle des Jardins, yellow; Clothilde Soupert, blush white; Rose D'Evian, red; Safrano, deep copper yellow; Bon Silene, sulphur yellow; Isabella Sprunt, deep pink.

The last three are very old and well-known pure tea roses that give a great abundance of blooms in the fall months, which most of the newer, fine tea roses will not do in the open ground.
W. S.

CHRISTMAS MUMS.

We have read in the REVIEW of mums being had for Christmas. How is this done and what varieties are used for this purpose? M. B. C.

It is not a very difficult matter to hold back mums for Christmas if the right varieties are used. Whether it pays is another question. Personally I don't think it does and the demand seems very limited after Thanksgiving. M. B. C. must figure out the question of profit and loss for himself.

For late work plants may be set out as late as August, but they should be grown in a separate house from the early and midseason kinds, as they require somewhat different treatment. The plants should be encouraged to continue growing just as long as possible. When crown buds form rub them off and let the plants continue growing until the last or terminal bud appears. This will not be until many of the earlier varieties are in flower, which explains why a separate house is better for late flowers. Treatment does not differ to any very material extent after the bud is taken, only that the house is kept as cool as possible, short of admitting actual frost. Kept cold in this manner not much water is needed, and buds develop slowly and, of course, once the flower is developed, it is only a matter of holding it as long as possible without spoiling.

As to varieties to use, the old Lincoln was a good late one. Bonnaffon, Mrs. Jerome Jones, Christmas Eve, Chadwick and Rieman I have held back with more or less success. Nathan Smith & Son have sent out several kinds of late years that they recommended for late flowers. Not having any use for flowers after November 20, I never tried them, but I have no doubt this firm could assist M. B. C. in a good selection of up-to-date varieties suitable for his purpose.
BRIAN BORU.

Establishment of C. Winterich, Defiance, O., and a Floral Float.

A WINTERICH DESIGN.

The accompanying illustration is from a photograph taken at the establishment of Christ. Winterich, Defiance, O., upon the occasion of a patriotic parade. The photograph shows a part of the residence, the tank and pumphouse, packing

Field of Paper White Narcissi at the Establishment of Thomas Thompson, Santa Cruz, Cal., Photographed January 14.

shed and an end of a modern greenhouse. In the foreground is the floral float constructed by Mr. Winterich. The wagon platform is 8x16 feet. The American eagle was made of chicken wire netting covered with crepe paper and measured five feet from tip to tip of wings. The globe was covered with white cape flowers and stood in a base covered with Wm. Languth geraniums which were in turn surrounded by S. A. Nutt geraniums in full bloom. The platform carried palms and ferns. Around the edge of the platform hung Asparagus Sprengeri and the name was made of the same material. The idea was that the eagle represented the nation as above the world, or the other nations. The figures on the float were hailing Uncle Sam as the leader of the nations.

CYCAS AND BOSTON FERNS.

Would you please let me know through your valuable paper how to take care of the sago palm from starting the stem, also the best treatment for Boston ferns? M. S.

The dormant stems of Cycas revoluta are usually received from Japan in the spring, and should be potted up as soon as possible after their arrival. The stems should be put in as small pots as they may be conveniently potted into; for example, a stem that weighs three or four pounds will usually go into a 6-inch pot without much trouble, though sometimes a 7-inch pot may be required for one of that size.

Pot firmly and then give a good watering, placing the stems in a warm and shaded greenhouse, a night temperature of 70 degrees being enough to start the stems into growth gradually, the object being to get some root growth at the same time as the leaves come up. A syringing over the stems once or twice a day will help to swell them up and start the leaves, but until the growth shows they will not require daily waterings.

The young leaves of a cycas are very tender while they are unfolding, and they must therefore be handled very carefully at that stage. A good rose or carnation soil will grow cycas all right, but avoid fresh manure when first potting them up, a sprinkling of bone dust in the soil being better at that time.

A stiff soil with a moderate quantity of well decayed stable manure is the best for the Boston fern, the use of a light soil with peat or leaf mold in it resulting in long and thin foliage and a plant of less substance. Grow them in full sunshine at this season and only give moderate shade in the summer. Give the plants space enough to get plenty of light and air, and see that they do not get dry, shifting them on into larger pots before they get starved and runty. Set the plants over from time to time and cut off the runners that are outside the pots, this helping to keep the strength of the crown and to develop a sturdy and compact plant.

If you wish to get up a stock of the Boston fern, plant out a few plants on a bench in a house kept at about 65 degrees at night and the runners will soon take possession of the bench after the fashion of an old strawberry bed, but if the most satisfactory kind of plants for the retail trade are desired, it is much the better plan to grow them in pots during the whole season, rather than to adopt the plan of growing them in a bench and lifting and potting the ferns in the fall. W. H. Taplin.

THE MAKING OF WINDOW GLASS.

Being asked to tell the Chicago Florists' Club something about window glass, M. G. Holding, of the Sprague, Smith Co., described its manufacture in the following words, read at the meeting January 28:

The materials of which window glass is made are chiefly white sand, lime and alkali, all melted together by intense heat, about 2,600 degrees Fahrenheit, applied for about fifteen hours.

Formerly, and for many years, all glass was made in crucibles or pots made of fire clay, very thick and heavy, to stand the heat and hold the weight of the batch. In later years a large proportion of window glass has been made in what is known as the continuous melting tank.

The first successful tank was built in Belgium, in 1884, and created a great disturbance with labor and in 1886 a mob destroyed the factories. Ever since the rebuilding, the tanks have been in successful operation.

The adoption of the tank came in this country much later and they have now largely displaced the old pot factories. Still a large quantity of glass is made in pots, the capital required for a tank factory being large compared with that for a pot factory.

It would be impossible to give you in words any adequate description of the process of making window glass. It must be seen to be appreciated. In general the gatherer dips the end of the blow pipe, which is a heavy iron tube, into the melted glass and brings out a ball of the material, which is then taken by the blower and gradually blown into a large cylinder. The cylinder is cracked open with a hot iron and it then goes to the flattening oven, where it is flattened and annealed, and is then ready for the cutter.

It is interesting to watch the blower make from a ball of glass a cylinder from twelve to eighteen inches in diameter and from six to seven feet long, of even and uniform thickness. In fact, the whole process of making window glass, from the melting of the batch to the cutting table, requires skill of a high order and can only be learned by long practice and experience. It is no easy work to handle on the end of a heavy blow pipe, four feet long, a heavy cylinder of glass six or seven feet long.

The skilled labor around a glass furnace is very well paid, the average wage being high, and some of it very high. It is not unusual for a blower of large double strength glass to make $400 per month. Of course the average is much below this.

The workers have had for many years the strongest kind of a union and have kept wages high, taking advantage of the very high tariff on window glass. The worker in Belgium receives much

less for his labor, and glass costs much less there than here, as labor is about sixty-five per cent of the cost of the glass. In Belgium the cost today of a box of 16x18 double is about $1.45, and here about $3.25. The duty on a box of foreign glass, 16x18, would be $1.50, certainly a large protection to American labor, and the American workman takes all the advantage of it.

It would appear, however, that the day of great wages in this line of business is drawing to a close. A machine, as you know, has been invented, and is being slowly perfected, to take the place of the man blower and gatherer. It is already turning out glass in considerable quantities at several tanks, and it seems to be only a matter of time when it will largely displace man power, and certainly decrease the cost of making glass, but as long as the present tariff rates are maintained, the manufacturer will take advantage of them and no cheap glass is in sight.

The machine makes glass in cylinders, by use of compressed air instead of the breath of man, and there is good reason to believe that it will ultimately be entirely successful.

WATER AND SUN.

Will it injure shrubbery or plants to syringe during middle of the day in hot weather? H.

This question was pretty well thrashed out a few years ago, G. P. Rawson, of Elmira, N. Y., contending that it was wrong and injurious to plants to syringe or wet their foliage when the sun was shining on them and Edwin Lonsdale contending that it was not. I think the writer had something to say on the subject and agreed with Mr. Lonsdale. It is not pleasant or wise to set one's self up as an oracle on any subject, or be too emphatic in opinion, but I scarcely am afraid to be contradicted by any competent authority when I say that it will not injure, burn, nor is it harmful in any way, to syringe or wet the foliage of any plant when the sun is shining on it. It happens continually both in nature and in our gardening under glass.

It should not be necessary to recall the instances of this. We syringe roses in May and June as late as ten or eleven in the forenoon because we can't get round to it before. Who ever saw the leaves burn from it, or any other leaves? Do you think that a drop of water on a leaf of a palm, a begonia or a rose is going to be so heated by the rays of the sun that it will scald the leaf? Nonsense! Rather would the drop of water protect the leaf. I am not saying that all plants need syringing at any time and have mentioned the begonia, which, of all our cultivated ornamental plants, needs the least moisture on the foliage. Neither are the hours from 10 a. m. to 4 p. m. the time you would syringe, for you try to follow nature and if you spray in the morning you have provided the humidity that nature's dews would give outside and your plants under glass will then endure and thrive during the hot hours of the day.

Yet often do we see, in May, June and July, a passing cloud that drops its refreshing tears on the maple, the apple, the rose, the lowly little plants we call weeds, the just and the unjust. The cloud passes, the sun shines brightly, the robin sings for joy and all the plants are refreshed and no blade of grass, or petal, or leaf is anything but more perfect and beautiful. W. S.

ROSES AT PITTSBURG.

The following are the remarks of David Fraser, before the Pittsburg and Allegheny Florists' and Gardeners' Club at its rose night meeting, January 5:

In Pittsburg roses must have a little special treatment after the dark days of December begin; having no sun for weeks the wood gets weak and the only remedy we find for this is not to force them much, giving a night temperature of about 55 degrees in cold weather. We then get fairly good stems, and the plants are less liable to mildew.

We propagate our stock from flowering wood about the end of January and plant about June 15. Our soil is rather heavy. We make up our compost heap the end of September, consisting of sods cut about three inches thick, putting four layers of sod to one of cow manure about two inches thick, on this a good sprinkling of lime and bone meal. This is what we grow our roses in and mostly everything else we grow.

When the old stock is taken out the benches are thoroughly cleaned. The soil is then put on the benches to a depth of five inches. We plant eighteen inches apart in the rows and when planted we go over the benches and pack the soil quite firmly. The soil in the benches will then be about four inches deep, which is quite ample. We leave a hole around each plant, to hold water, only watering around the necks of the plants for the first two weeks, after which the soil is given a good watering.

In the hot summer months there is little to do, only keeping them tied up and the hose going to keep red spider down. About September 20 we begin to cut. After the first big cut is over and new growth started we begin to feed. We mostly use liquid from cow manure, giving it every time we water with clean water. We don't believe in mulching. By having such a depth of soil they dry out very seldom. In places where they get more sunshine than in Pittsburg no doubt a mulching would be good, but we find that by watering often with manure water we get better results.

In regard to varieties, we grow Bride, Bridesmaid, Ivory, Golden Gate and Sunrise. The last named is a poor keeper when cut. The color, though, is very much liked by our people. Golden Gate and its white sport, Ivory, are our best roses. They give us good stems, and they are very free bloomers. We have given Alice Roosevelt a trial this year, but the buds do not open well.

MISTLETOE LOSING IN FAVOR.

For many years past there has been little demand among the upper classes of people for mistletoe at Yuletide, says the Gardening World in its Christmas issue, and at present the trade may be described as nil from that quarter. For some years past the mistletoe grown in this country, being in very small quantity, has been used locally. Covent Garden market has been depending upon Normandy and other parts of France for its supply in recent years. During the past summer we learned that mistletoe in the orchards of Normandy was being destroyed wholesale. The failing demand in the British market would no doubt account for this, the people in France finding that it is more profitable to grow apples rather than mistletoe upon their trees. The failing demand for mistletoe is no doubt due in a large measure to a change of custom among the people at Christmastide.

CHICAGO.

The Market.

There is little if any improvement in city trade but out of town demand is good, though rather spasmodic. The tone of the market is changed but little, weakness being the predominant feature.

Beauty crops are not increasing to any marked degree. There are enough long-stemmed to meet requirements, and on these buds are generally pretty good, but the shorter the stem the poorer the quality averages. Brides and Maids are showing an improvement in quality and an increase in cut, but the shipping trade takes up all receipts and there is frequently a shortage on the shipping grade while the small stock will not move; it is only good for funeral work.

There are a great many fancy carnations about and prices are low in comparison to quality. Fancy tulips are in all the wholesale houses and selling very slowly; $3 per 100 buys good La Reine, and white can be bought in quantity at $2. In fact, all bulb stock, except goods callas and Harrisii, are going much cheaper this year than ever before. Many of the local growers of Campbell violets are reported to have stopped picking altogether, so poor were the returns, but now and then a Tuesday sees a little sale for Campbell, for the eastern growers do not ship Sunday, and Tuesday sees no receipts from that source. The best eastern goods are now bringing 50 to 75 cents.

"Green goods" are abundant except bunches of asparagus. This green is now very popular with the storekeepers and sells out well, but it must be the tips of the shoots; the strings cannot be cut up and bunched.

Club Meetings.

The Chicago Florists' Club held its second outside meeting at 856 North California avenue last Thursday evening, with a large attendance, although Mr. Palinsky, who had the arrangements in charge, was evidently disappointed that the crowd was not greater than at the Rose Hill meeting. M. G. Holding, who is known to all the local greenhouse men, read a short paper on glass making, which was followed by a discussion in which a number participated. Mr. Holding said, in answer to a question, that he believes American glass is, in cutting and every other respect, fully as good as European glass. He also commented on the increased use of B grade for greenhouses and many other purposes and said that to him it was conclusive evidence of improvement in quality, the B glass now being equal to what was sold as A grade not so very many years ago. John Zeek brought up the matter of the color of window glass and it was stated that the objectionable green shade is caused by an unusual proportion of iron in the sand or by other influences not under good control. It was said that the better

quality in the glass now made is in a large measure due to the discovery of veins of whiter sand. Following the discussion, which also touched upon putty and paint, a lunch was served to a merry crowd.

Last evening the club held its regular meeting at Handel hall, the latest improvements in greenhouse construction being up for discussion, the various builders having been invited to display models, drawings or photographs of their innovations. On Saturday evening, February 13, the third and probably the last of the outside meetings will be held at the Drexel cafe, corner of Cottage Grove avenue and Thirty-ninth street. An attractive program is being arranged and a large attendance is looked for.

On February 17 the club will hold a large exhibition of roses, carnations, violets and any other seasonable cut flowers at Handel hall. The exhibition will be open to the public in the afternoon and in the evening there will be a club meeting or supper. P. J. Hauswirth is manager of the exhibition, and requests that out-of-town exhibitors who cannot come in person send stock in care of Benthey Co., 35 Randolph street. It will be carefully staged.

Wm. A. Moak will speak at the Drexel cafe meeting, discussing club membership and its benefits to the business man.

Various Notes.

George M. Garland says that the number of inquiries received would indicate either that there are to be even more greenhouses built this year than usual or that a much larger proportion are to be put up with iron gutters.

Anton Then's father and mother celebrated their golden wedding last Sunday with appropriate ceremonies.

Martin Petersen has a well equipped store at 752 West Division street and is doing a nice trade, although he says the effects of the Iroquois disaster are still felt.

George Reinberg has placed an order with the Pittsburg Plate Glass Co. for 1,200 boxes of glass for his new range. It is all B grade, he being one of those who have found B glass nowadays better quality than the A glass was when he built his first houses. He expects to get the new range up for early planting to roses.

Mrs. George Asmus suffered a hard fall one afternoon last week and received injuries which will necessitate her keeping quiet for some time.

Reports from St. Louis chronicle the suicide there of W. R. Mannheimer, a young man who has worked in Chicago flower stores up to a short time ago.

Slow business with some of the local retailers is setting the wholesalers to thinking about collections.

A. L. Randall says he doubts if many violets will hold their quality till Easter and thinks that good violets should be pretty fair property before long.

John Zeck, formerly with J. A. Budlong, is now with E. C. Amling.

Peter Reinberg has been ill and in bed for the past few days.

George Baldwin, of Oak Park, is reported to have lost $600 through frost as the result of his boiler giving out.

Daniel Branch was called to Minneapolis last Saturday by the illness of his mother.

J. W. Lyon, of Belvidere, says that with him Norway has proved to be the best white carnation this winter.

Bassett & Washburn report that this cold weather seems just right for rose grafting. They are making about 1,000 grafts a day and practically all are successful. Their grafted Brides and Maids are just coming in crop with a splendid lot of flowers.

Those who have the Helios-Upton recording thermometers outside their greenhouses are getting some interesting records these mornings. From 10 to 20 degrees below zero is the regular thing with many a day which sees no mark above zero. January averaged 13 degrees colder than last year and in ten weeks there has been only one period when it thawed; then it rained for two days. Whether or not the groundhog saw his shadow on Tuesday depends on the hour of his perambulations. All in the trade will welcome warmer weather.

Last Saturday there was a small fire in the basement of the Atlas block, burning through a partition and destroying a few bales of moss belonging to the E. F. Winterson Company.

E. A. Fetters, Mrs. Fetters and daughter, of Cleveland, were visitors this week, en route to California. Walter Bertermann, of Indianapolis, and J. W. Lyon, of Belvidere, were also in town.

NEW YORK.

The Market.

The market holds steady at about last week's quotations. The demand is away below last year's average and the supply of every variety of stock ample for all requirements. But with the possible exception of violets there is a tendency toward improvement. Good roses and carnations command fair values. Violets have "shot their bolt" for this season and it takes 100 selected flowers of the finest quality to touch the dollar mark. Thousands of the finest bunches last week were cleared at 50 cents per 100. Left-over stock went to the street merchants at one-half this figure and often less. The quantity of bulbous stock that comes to market increases daily. Prices are low. Even lily of the valley and orchids are dragging on the bottom.

The society balls and dinners are in full swing, and an abundance of them. The charity ball this week at the Waldorf-Astoria and the Arion next Friday at Madison Square Garden will be the events of the season. The decorations will exceed anything ever before attempted at these celebrations, and Small & Sons and Hanft Bros. will have opportunity to enhance their reputations for artistic and beautiful effects.

Club Doings.

Next Monday the carnation exhibition at the club's rooms in the Grand Opera House building gives promise of a great success. The exhibitors are numerous and include all parts of the country, from Boston to Chicago. The ladies will be entertained with refreshments. Mazetti, the caterer, has been engaged and the club will leave nothing undone to add to the enjoyment of their fair visitors. This is a happy departure under the new official leadership of the club, that gives promise of a year of surprises that will add to both interest and membership. The business meeting will be called to order at 7:30 that evening.

The club's annual banquet will take place, as usual, at St. Denis Hotel, on Saturday evening, February 20. A fine musical program, with vaudeville dressing, will be served and, as to the dinner itself, those who have enjoyed these yearly festivities in the past need no assurance as to their excellence. Every member of the club should attend. Send check to Walter F. Sheridan, 39 West Twenty-eighth street, as soon as possible to facilitate the arrangements. Lawrence Haffner and Lyman D. Craw are the other members of the committee. Many prominent florists from other cities are expected. The banquet hall will seat 200 comfortably. The dinner will be served at 7:30.

The summer outing of the club has been set for Wednesday, June 29, at the same place as the last two years, Witzel's Point, and by boat as usual. The committee is already busy preparing for it. The athletic competitions will be the features of the day, next to the shore dinner, and many valuable prizes will be offered.

Various Notes.

The trade has suffered heavily from the prevailing winter affliction, la grippe, the changeable climate being hard to overcome. In one week we had zero, rain and a blizzard at intervals of forty-eight hours. One has to have an iron constitution to pull through. H. C. Riedel has had a week of it. Percy Richter, of Asmus', was seriously ill. Many are suffering from severe colds and ought to be secluded, by the looks of them. But this is the winter when few can afford the luxury of being sick abed.

The Easter flower show and sale, which is to be held in the exhibition hall at the top of the Macy building, promises to be quite a success, the manager, Mr. Chasseaud, already having let a large quantity of space to prominent growers around New York and to some large plantsmen within fifty miles of the city. Every facility for display and delivery is to be given the exhibitors and an enormous attendance is provided for. The admission during the day is free. Music and a small charge will make the evening popular.

William H. Keubler has opened a wholesale store at 19 Boerum place, Brooklyn, formerly A. H. Langjahr's headquarters.

The announcement of Wm. J. Elliott's departure for Bermuda on Wednesday of last week was premature. He will not leave for a week or ten days, and will be back before March 8, on which date the strenuous auction season will open.

It is announced that another auction house will make a bid for public recognition, at 62 Vesey street, this spring, and that some familiar faces will be seen there.

Hugh Nelson, of J. J. Perkins' force, has gone to Kells, Meade county, Ireland, on account of the death of his father and to complete the settlement of an estate that will place him on easy street.

Wm. Ford, of Ford Brothers, the new secretary of the Florists' Bowling Club, proves to be an expert with the balls, and will prove a valuable addition to the active staff at the St. Louis competition.

Jas. McManus is handling large quan-

tities of white orchids and has some fine shipments daily of Bon Silene and Liberty roses, the latter commanding from 40 cents to 50 cents.

The venerable Jas. Mallon, of Brooklyn, recounts reminiscences of the florists' business away back in 1848, which are more than interesting. That was the year he began. There were only three florists in New York in those days. Andrew Reid, at Broadway and Eleventh street; Bridgeman, at Broadway and Eighteenth street, and Buchanan, at Second avenue and Fourteenth street. Where once blocks of greenhouses occupied the ground, million-dollar establishments now exist. Mr. Mallon was with H. A. Gref, on Smith street, Brooklyn, where a whole block was devoted to the business until 1857, when he began operations for himself at the corner of Willoughby and Fulton streets, where the firm now is, only under the name of Jas. Mallon & Sons. Mr. Mallon is just reaching his three score years and ten and bids fair to round out his century. He has occupied the store on Smith street since 1873, over thirty years. One of his interesting memories is the purchase of 1,800 camellias for $1,800 and the disposal of them at $5 apiece. This was in 1870, when the camellia was the fashionable flower. Bustenbruder was the grower, and his greenhouses occupied the block at Fulton street and Portland avenue.

The Tarrytown Horticultural Society's fifth annual dinner last Thursday evening was a great success, about sixty being present and an excellent menu and program provided. The late trains are always too early for the city visitors.

A box from L. E. Marquisee, of Syracuse, reached our New York office on Saturday, containing some beautiful specimens of Flamingo and Albatross carnations in perfect condition and with stems thirty to thirty-six inches long. Mr. Marquisee will display his specialties at the New York Florists' Club exhibition next Monday.

Traendly & Schenck expect to receive next week large quantities of Brunners, the second crop then being due. Their Golden Gates are superb and readily command 15 cents.

The Kurzman-Dacre Co. has gone out of business after a brief career. Mr. Dacre has been very ill for ten days, and his condition was reported critical on Monday.

Samuel R. Wiley has opened a retail store at 952 Madison avenue.

Bowling.

Next Monday afternoon at 3 o'clock the New York Florists' Bowling Club will meet at the rooms on Tenth avenue and Twenty-third street and bowl until time for the carnation exhibition in the evening. This plan of bowling in the afternoon on club meeting dates will prevail during the season. A week from Monday evening will be prize night with the club and every one bowling will bring a package containing a prize in value from 50 cents upwards. The Flatbush Club, and in fact any members of florists' bowling clubs in the vicinity of New York, are cordially invited to be present. The contest will commence promptly at 8 o'clock, and the highest score will have first choice of the packages containing the mysterious prizes. The almost zero weather that prevailed Monday evening, and the prevailing epidemic of bronchial colds, accounts for a lighter attendance than usual. J. K. Allen was present, but did not bowl. The scores follow:

Player.	1st.	2d.	3d.	4th.	5th.
Ford	146	161	146	183	146
Gibbs	179	183	118	156	148
Siebrecht, Sr.	159	157	158	159	148
Shaw	142	133	129	142	138
Stewart	75	126	140	114	...
Lang	157	151	166	168	...
Nugent	86	80	64	111	...
Siebrecht, Jr.	87	99	71	97	...
Guttman	100	128	125	135	...
Frank	150	140	152	...	...

J. Austin Shaw.

PHILADELPHIA.

The Market.

Nobody wants yesterday's paper, so I forbear giving last week's news, which proved so interesting to Chicago's postal clerks that they enjoyed it till too late for it to reach anyone else.

The market conditions are rather mixed this week. The supply is light, owing to the fierce winter weather, the demand uncertain, despite numerous entertainments, and transient trade poor. Whenever special demand arises for any special flower, prices stiffen at once. This has been especially noticeable in the case of Beauties on several occasions lately. The supply of long and medium-stemmed flowers is limited, and a good party order taxes the resources of the market. Choice tea roses are also scarce, several growers complaining that with them the percentage of medium grade flowers has increased at the expense of the fancy grade. Liberties are very fine and, while not plentiful, there are enough to meet the demand at current prices, which rival those of American Beauties. The quantity of fancy carnations coming into the city is surprisingly heavy. S. S. Pennock received 4,000 fancies alone one day lately. They were readily marketed.

The violet market is not in particularly good shape, through no fault of the stock. St. Valentine's and milder weather are the remedies. The falling off in the supply of Easter lilies has created a demand for callas, which dragged a week ago. The feature of the market is a great increase in spring flowers, which brighten up the windows wonderfully. Fine tulips, daffodils and freesias can all be had in quantities.

Leo Niessen is receiving forget-me-nots. Orchids are quite plentiful. Gardenias can now be had in two or three grades. Valley is very fine. All greens are in demand.

Choice Stock.

At S. S. Pennock's there are fancy Liberties, white orchids, white violets, Lawson, Vesper and Prosperity carnations, the second a pure white and fine form from Isaac H. Passmore; also white lilacs, gardenias, valley, etc. At Leo Niessen's one sees fancy Liberties, splendid freesias, from Lukens, of Burlington; quantities of daffodils and other spring flowers, many of them from Carl Jurgens, of Newport, also pansies, myosotis, etc. At the Flower Market there are fancy Beauties, tulips, daffodils, grand single violets from Mrs. S. I. Smith, of Secane; splendid double violets from Joseph L. Johnson, of Hightstown, also long strings of asparagus, etc. At Edward Reid's fancy Beauties are shown, very fine valley, sweet peas, a splendid assortment of carnations, etc. W. J. Baker has calla lilies and a great variety of fine carnations, also long-stemmed freesias from M. J. Brinton, of Christiana, etc. At E. Bernheimer's there is fine mignonette, a variety of good carnations, roses, etc.; at C. A. Dunn & Company's, Brides, Maids, carnations calla lilies, etc.

A Complete Wedding.

Every florist knows how trying it is to have only part of a wedding; to do the church and have someone else do the house; to have the bouquets and have someone else beautify the table or parlors when it would be so much more satisfactory to do the whole thing one's self. Yet this is very common, the rule, in fact. The exception occurred recently, when one firm, Hugh Graham, attended to the entire wedding festivities, which were very complete and elegant. Ushers, dinners, bridesmaids, lunch, church decorations, house decorations, bouquets and boutonnieres, decorations at the hotel in Washington where the happy couple went, and at the hotel in Florida where they spent the honeymoon. The effects were all in green and white.

Improvements.

The Henry F. Michell Company is preparing for a heavy seed business next spring. This week they are beginning extensive improvements at their handsome store. New, larger and bulk windows will be put in and the offices removed to the second story front, their space on the first floor being filled by additional counters and display cases. The work is being done by contract to be finished in thirty days.

"We and Our Field."

The feature of the Florists' Club meeting on Tuesday evening was an able paper by Wm. J. Stewart, of Boston, entitled "We and Our Field," which was listened to by an appreciative audience.

Notes.

Pennock Brothers had a very handsome window decoration this week in pink, banks of Azalea Madame Van der Cruyssen, showers of pink ribbon and asparagus above.

Joseph Kift & Son have their windows decorated with spring flowers and fine cyclamens in pots, also Cybotium Schiedei, which lights up beautifully.

Berger Brothers opened their new commission house at 1220 Filbert street on Monday. They are rapidly getting the place in shape and expect to carry a good stock of flowers.

Herman Schoenfeld had a large dinner decoration for ex-Governor Bunn last week.

Hugh Graham is receiving a very fine lot of Lawson, Prosperity, etc., from his place at Logan.

Phil is indebted to J. J. Beneke for a handsome picture postal of the St. Louis World's Fair.

The Colonial Flower Shop was closed last Saturday.

The Wm. Graham Company had the decorations for the midwinter ball on Friday. Many acacias were used.

Chas. P. Poryzees makes an effective display at his store in the Haseltine building.

Wm. K. Harris is calling gardenias.

Edward Reid had an order for 7,500

pink carnations; Joost and Scott were used.

Robert Scott & Son have been sending Easter lilies to S. S. Pennock for several weeks.

N. D. Gachor has a very attractive stand in Broad street station. PHIL.

ST. LOUIS.

The Market.

Business the past week was fairly good and there seems to be sufficient stock to fill all orders except on choice roses, which the retail trade found great difficulty in obtaining, especially good American Beauties. We had some very disagreeable weather last week, with plenty of snow and below zero part of the week, which made it hard on those who had large plant decorations, of which there were quite a few reported among the west end florists.

On Friday all florists reported big sales of pink carnations in honor of the late President McKinley, and it is estimated that 50,000 were sold by our florists at from $1 to $1.50 per dozen, with some extra fancy Lawson at $3 per dozen. During the past week there was also a good demand for bunches for the mid-winter graduating of the normal class and high school. This, with plenty of funeral work, made the last week in January quite a profitable one for both growers and retailers.

Pot plants are selling better. Among the blooming plants some fine lilacs, azaleas, Dutch hyacinths and lilies are seen. Theo. Miller is showing extra fine tulips, which are selling fast.

Of the stock that is coming in now all varieties of roses are scarce. Brides, Maids, Meteors and Golden Gates have had a good demand, with very little fancy stock to pick from, so the best stock brings from $6 to $8 per 100; others are $3 and $5. Very few Beauties are received.

Carnations seem plentiful, yet the demand is large and very few were left over the past week, with prices ranging from $2.50 to $6 per 100. All stock is of good quality. The market has a good supply in California violets, which are of extra fine quality. Very little southern stock is coming in, but more home-grown stock is in than can be disposed of at 50 and 75 cents per 100, which price prevailed all of the past week.

Romans, Paper Whites and valley are very plentiful, but Dutch hyacinths, tulips, Von Sions and Harrisii are scarce, as are callas and freesias. Prices seem about the same as quoted last week. Common ferns are scarce, in fact the market was out on Saturday. In other greens the market is well supplied.

Various Notes.

William R. Mannheimer, who came here a week ago, from Chicago, with letters of introduction from Ed. Winterson and claimed he last worked for Mangel, committed suicide at Union Station by drinking carbolic acid last Tuesday night. From letters found on his person his home in Chicago was at 3812 Prairie avenue. At the time of writing his body had not been claimed by his relatives or friends.

J. F. Ammann, his foreman, Henry Blixen, and A. Jablonsky left on an inspection tour February 1. They will visit Chicago, New Castle, La Fayette, Richmond and Indianapolis before returning home.

J. H. Hadkinson, superintendent of floriculture at the World's Fair, leaves this week for a business trip through Wisconsin.

The death of Henry Weber, of Oakland, Md., as announced in the last issue, was a shock to his many friends in the trade here, who are with me in extending to the family our heartfelt sympathy.

The Riessen Floral Company has closed its branch store under the Planters' Hotel, moving all the fixtures to their Broadway store.

Fred Weber has returned from Chicago, where he spent a few pleasant days with the trade.

A. Jablonsky will build six new Dietsch houses, each 150 feet long, in April on his new place at Central, near his friend, John Steidle.

From reports our sick brother, Max Herzog, is improving every day and will soon be out among his friends. John Hudson and Carew Sanders are also showing improvement.

I have been requested by the craft here to extend our congratulations to Grandpa Phil Hauswirth.

Arnold Ringier, who travels for W. W. Barnard & Co., Chicago, was in town the past week calling on the trade. Mr. Ringier reports a big trade in his line. Wm. Hagemann, of New York, was also a caller.

The World's Fair flower show committee, the entertainment committee and the arrangement committee met at Weber's store Friday night. Mr. Hadkinson gave his views as to the kind of floral exhibitions that would take place during the World's Fair. Every member of the committee is to bring in a list at the next meeting of this committee, on Friday night, February 12. The entertainment committee decided to have an entertainment and hop at De Honey's hall, corner of Vandeventer and Olive streets, on Friday night, February 19. The arrangement committee, which is also the finance committee, reported that arrangements were well in hand for entertaining the members of the executive committee of the S. A. F., when they meet here in March. The blue book committee of the club also held a short meeting and will be ready to make a full report at the next meeting. Those present at this meeting were F. C. Weber, Otto Koenig, Fred Meinhardt, Theo. Miller, J. H. Hadkinson and J. J. Beneke. The other members of these committees are Emil Schray, J. F. Ammann and John Young.

Visitors in town this week are: Ralph M. Ward, of New York, and J. M. Jansen, of C. Keur & Sons, both gentlemen selling bulbs.

Club Meeting.

The members are requested to attend the meeting of the Florists' Club next Thursday afternoon, February 11, at 2 o'clock. New carnations and an exhibition by local growers for prizes will be one of the features. An essay by Frank Fillmore, on "Carnation Growing," and a discussion on "Propagating Carnations," lead by E. W. Guy, will no doubt bring out the carnation growers, as both of these gentlemen are at the top in carnation culture. The report of the arrangement committee will be of great importance to all the members who have interest in the coming meeting of the Society of American Florists.

Bowling.

Last Wednesday night a special bowling match was arranged between two well-known Chicago gentlemen, A. Ringier and Mr. O'Neil. They were assisted by the local bowlers and great excitement prevailed, as the scores were close. Mr. Ringier won out after a hard fight by the following scores: Ringier, 143, 138, 190, total 471; O'Neil, 140, 138 185, total 463.

Two four-men teams bowled a match game at Worden's alleys on Monday night, in which some good scores were made. The teams were captained by Kuehn and Beneke, with the following results:

Team No. 1—	1st.	2d.	3d.	T'l.
Beneke	191	176	157	524
Miller	171	136	161	468
Weber	121	134	116	371
Young	129	119	149	397
Total	612	563	583	1760
Team No. 2—	1st.	2d.	3d.	T'l.
Kuehn	143	145	187	475
Beyer	165	144	170	479
O. R. Beneke	187	138	150	475
Freddie Weber	137	137	127	401
Total	632	564	634	1830

J. J. B.

MILWAUKEE.

A Carnation Show.

Owing to it being carnation night there was a well attended meeting of the Milwaukee Florists' Club, Tuesday, February 2, at Empire hall. There were prizes offered for the local growers, of which Nic. Zweifel took first on Enchantress, second on Adonis and third on Lawson. There were also large exhibits by the Chicago Carnation Co., who are showing Fiancee, Crusader and several other very promising varieties, which impressed the local growers very much. The Thompson Carnation Co. exhibited a fine vase of Nelson Fisher, also M. A. Patten, Gov. Wolcott and other choice varieties.

F. Dorner & Sons Co. exhibited the Belle and Lady Bountiful. Wm. Helwig, Heitman & Baerman, A. Tiebohl were also showing some very fine blooms. It was a very fine display of carnations and created considerable enthusiasm among the carnation growers of this section.

Jas. Hartshorne, J. D. Thompson and J. C. Vaughan were visitors at this meeting. Matters pertaining to the coming fall flower show were also taken up and committees were appointed to make arrangements for the show. INCOG.

CHESTER, PA.—David Wilson fell on the ice January 16 and broke one of the bones in the hand with which he tried to save himself.

HARTFORD, CONN.—George S. Osborn has spent a week in bed under the care of his physician, but is now able to be about again. The weather has been very severe.

NIAGARA FALLS, ONT.—G. J. Emery says that the sale for cut flowers has been excellent this winter, but the plant trade slow. What is needed is some sunny weather and a little warmer; it has been 10 to 15 degrees below zero, with a heavy wind for the past week.

NEW HAVEN, CONN.

The past week was promenade week at Yale and brought with it scores of handsome juniors who had their escorts and chaperones, sisters and mothers and many of their fathers, all of whom were well supplied with violets and Beauties soon after their arrival.

Simons & Fox, of Hartford, made their debut as promenade decorators this year. Mrs. C. A. Fox managed the work and with a woman's taste the beautiful decorations in the Second Regiment armory were planned and put into place. The decorations were entirely different from previous promenade decorations and proved much more effective.

The first work was to cover the ceiling with the mammoth canopy, with squares of white bunting bordered with green. Three sections were left on either side of the ceiling to form a square from which the bunting was festooned toward the center, forming a large dome which rose gracefully and gradually. The center formed the middle point of a great burst of frosted electric incandescent lights, more than 100 being used and shedding a brilliant pure white light over the interior. From this dome incandescent electric lights alternated, stretching along the iron supporters within the dome, and others ran at right angles to the lines of lights, in all about 600 incandescent lights being strung for the canopy illumination. Streamers of pink and white ran with the lines of electric lights from the great dome.

The decorations on each side of the hall had as a climax daintily constructed arches which covered the music stands. These were made of ribbons and trimmed with smilax and roses. Pink and white roses were suspended from the dome in artistic baskets. Asplegreen and white were the predominant colors used in the general decorations, mural tapestries being used lavishly on the side walls.

J. N. Champion got all the decorations at the houses, some of which are as follows: The Colony, decorated with ropings of smilax and palms, tables with yellow and pink roses. The St. Anthony, palms, smilax and roping, vases of carnations and roses, also pots of azaleas. York Hall, masses of smilax and palms, with carnations, roses and azaleas scattered about in artistic profusion. S. H. Moore had the bulk of the violet business in his own hands and it is believed he had orders and filled them to the amount of $0,000. S. H. W.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

WANTED—Thoroughly reliable single man to grow carnations bedding plants, mushrooms; must furnish good reference; permanent position to the right kind of man. Address J. L. Day, Strathmore Pa.

WANTED—An all-round man not over 35 years old in retail place of 10 000 feet of glass; must be a neat and rapid workman; wages $60 per month; state age and reference; steady position. Address Seattle Floral Co., Fourth Ave. and Denny Way, Seattle, Wash.

SITUATION WANTED—By competent grower of carnations, roses and general stock; good propagator; 10 years' experience; single; age 27; best of references. Address No. **40**, care Florists' Review, Chicago.

WANTED—Florist, as assistant, who has experience in growing carnations and bedding plants; state wages. Fr. Beu, 2780 N. 40th Ave., Chicago.

PARTNER WANTED—A florist who has lived in the West Indies, discovered there a method of utilizing a natural fibre of those islands. A material beautiful, indestructible by exposure and peculiarly adapted to cemetery purposes. A party is needed with from one to two thousand dollars to put the product on the market, where it cannot fail to be successful. Party must be willing to live part of year in Jamaica. References exchanged. Address Mr. Henry Still, Standard Feed Box Co., 700 E. Monument Street, Baltimore, Md.

FOR SALE—A fully equipped retail store, doing a good business in one of Chicago's best residence districts; small capital required. Address No. **43**, care Florists' Review, Chicago.

WANTED—Reliable man to take charge of 15,000 feet of glass; must understand growing carnations and roses. For full particulars address Hill Floral Co., Streator, Ill.

WANTED—Working foreman on place of 12,000 ft. of glass where there will be put up this summer 12 000 ft. more; roses, carnations, mums and a general line of stock is grown; must be reliable; state wages wanted without board. Address Sunnyside Greenhouses, Owosso, Mich.

SITUATION WANTED—In the vicinity of Chicago, by a first-class gardener, on private place; 30 years' experience; good references; 10 years in last place. Address No. **47**, care Florists' Review, Chicago.

SITUATION WANTED—By young man; German; single; age 32; experience in ferns, palms, bedding, bulbs, forcing and Easter stock; Colorado or Missouri preferred. Address No. **41**, care Florists' Review, Chicago.

SITUATION WANTED—Position as foreman of retail or wholesale plant of 25 000 to 75 000 feet of glass, in or within 25 to 50 miles from Chicago; thorough experience; I am young, energetic and willing and have first-class references. Address No. **42**, care Florists' Review, Chicago.

SITUATION WANTED—At once, not far from New York or Boston, by a good all-around florist and grower; sober, industrious and used to taking charge; state wages, etc. Address No. **44**, care Florists' Review, Chicago.

SITUATION WANTED—By a middle-aged man; life experience in roses, carnations, mums and Easter stock forcing; good propagator and potter; sober and industrious. Address No. **45**, care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of cut flowers, pot plants, forcing bulbs; reliable in every way; 17 years' experience; German, age 32; central states or Chicago preferred. Address No. **46**, care Florists' Review, Chicago.

SITUATION WANTED—An experienced cut flower grower with capital wishes to engage as foreman with responsible party, with intention of buying interest in place; would also lease or purchase on good terms; place must be in fairly good condition, near Chicago. Address No. **48**, care Florists' Review, Chicago.

FOR SALE OR RENT—Greenhouses, 6 000 feet of glass; hot water; 9-room dwelling. Oak Park, Ill. A. T. Hemingway, 180 La Salle St., Chicago.

FOR SALE—Fine chance for an energetic man with small capital to acquire a well-established retail florist store business with best trade in city; also greenhouses (12 000 ft. glass); good location; everything in running order; will sell together or separate at a bargain; cause poor health. Address Schluraff Floral Co., Erie, Pa.

WANTED—A carnation grower; must be single and understand his business well; state full particulars and wages with board and room. Nic Zweifel, Route 10, North Milwaukee, Wis.

FOR SALE OR LEASE—In Chicago 4 greenhouses well stocked with bedding and other plants; splendid local and shipping trade; several hundred hotbed sash; large acreage for vegetables, with dwelling, barn, horses, wagons, implements etc. Address No. **39**, care Florists' Review, Chicago.

WANTED—Some second-hand double A glass. Give size and price. Geo. W. Kiger, R. D., No. 2, Bellaire Ohio.

WANTED—Florist, an all-round man to take charge; small retail place; wages $20.00 per month. Address R. Kaiser, 104 College Ave., Annapolis, Md.

WANTED—At once, a young man for florist's store; must be well up on designs and good store man; must furnish reference; wages $75.00 per month. Address State Nursery Co., Helena, Montana.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, at 6c per foot; also some 4-in.; several small and medium-sized boilers, and quantity double thick glass at $2.75 per box. Address W. H. Salter, Rochester, N. Y.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. **28**, care Florists' Review, Chicago.

WANTED—A good all-round florist who can grow a general line of cut flowers and plants; German preferred; wages $35 per month, room and board. Address Wm. Kutschbach, Houston, Texas.

FOR SALE—Stock and favorable lease of an establishment of 12,000 feet of glass, carnations and bedding plants. Terms very reasonable, account death of owner. Call or address Mrs. H. McMichael, Wilmette, Ill.

WANTED—Working foreman; must understand the growing of carnations, mums, bedding stock and be a good propagator; temperate and experienced; state wages expected. St. Louis Carnation Co., Clayton, Mo.

FOR SALE—Greenhouses; good location for local and shipping business; plant well-stocked with roses, carnations, mums and potted plants. Address No. **37**, care Florists' Review, Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40 000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10 000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Range of modern greenhouses, 10 000 feet, in city of 15 000; have other business 500 miles from this location; will sell at about half cost; two-thirds of purchase price can have 5 years' time on, or any terms to suit purchaser. Good 7-room house. The bare land would sell for half the price asked. For full particulars address No. **24**, care Florists' Review, Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Sollay, $50.00 new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3¼c; ¾-in., 3c. Pipe cutters, second hand, $1 25 and $1 50. Stocks and dies, No 1 stock $4 00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3 35. 12x16 single $2 40; 10x12 and 8x10 single, $2 25 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1 60. Get our prices for new cypress building material, ventilating apparatus, oil putty white lead, points. Metropolitan Material Co., 1565 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Two second-hand tubular boilers, 54 inches by 11 feet; have been used under 35-lb. pressure; $50.00 each, f. o. b. Chicago.

Cross Press & Sign Co.
Blackhawk and Dayton Sts., **Chicago.**

PUBLIC SALE—I will offer at Public Sale, February 11th, 1904, Greenhouse property, well stocked, 4000 ft. of glass; also 8-room dwelling. Will positively be sold. Call on or address

W. S. TAGGART, St. Clairsville, Ohio.

WANTED.

Wanted by an eastern seed house, **Stock Clerk** for vegetable seeds. Address **No. 27**, care Florists' Review, Chicago.

FOR SALE.

$3000 will buy a florists' place in a city of 20,000 inhabitants; only two blocks from the court house. A good house with plenty of the best fruit; two greenhouses, cold frames, barn and 30 775 sq. feet of ground; old age the reason for selling. Apply to

GUSTAV KLINGENSPOR,
Jackson, Tenn.

FOR SALE.

3 New Greenhouses, 120 x 26 ft. each; in suburbs of Detroit; on street car line; five cent fare; sell at great sacrifice; easy terms; enquire quick.

A. A. NOLL,
778 Second Ave., Detroit, Mich.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star**, No. 611 N. Washington ave., Dallas, Texas.

GOOD.. STOCK PLENTY

Whatever your needs in Seasonable Cut Flowers, let us have your orders. We have good supplies of Choice Tea Roses and Fancy Carnations. Plenty Bulb Stock, including Fancy Tulips in all colors; choice Valley, Violets, Orchids, and everything else to be found in this market.

Inexhaustible Supply of "Green Goods"

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $1.50	12.00
Leucothoe sprays	.75

Subject to change without notice.

CINCINNATI.

The Market.

The past few weeks we have been having all kinds of weather, from spring to coldest winter. Last Wednesday the mercury ranged from 6 to 10 degrees below zero, with 17 below reported by J. Lodder & Sons, of Hamilton, O. This winter has been, without a doubt, the most severe that we have had for a great many years, and the expense of running greenhouses consequently, is greater. It is to be hoped that the returns for stock produced will show enough increase to warrant the extra expense. As far as this market is concerned it is safe to say that it has.

The demand for stock of all kinds is much better than last week. The supply is about the same. The store men are beginning to hustle about more than at any time since the holidays, and they are not nearly so particular about the kind of flowers they get. The main idea is to get the stock. This has a tendency to raise the price, and all grades are now held stiff at the quoted figures.

American Beauties, which did not do very well at any time during the past month, are now in better demand, and there are not enough to go around. The same may be said of all other kinds of roses, with the Liberty and Meteor very scarce. The receipts of carnations are somewhat heavier, but still they are not enough to go around; almost anything that looks like a carnation is good for $3 per hundred now. Violets also show signs of waking up, and the wholesalers now look with more favor on shipments of these as they come in. All kinds of bulbous stock is moving well and there is not enough Asparagus plumosus and Sprengeri, smilax, etc., to meet the demand.

Notes.

It is with sincere regret that I read of the death of our friend and fellow florist, Henry Weber. Mr. Weber came to this city quite frequently and has always taken an active part in our society's flower shows, though he was not a member.

By act of the legislature the red carnation has been chosen as the official flower of Ohio, in honor of President McKinley. This is work in the right direction, but it was a sad mistake to have the color designated, and if such a thing is possible, it should be changed. It is highly proper to have the carnation the official flower, but it is decidedly wrong to name the color. From a florist's point of view it is unnecessary to give any arguments for this, they are too obvious.

Fred Walker, brother of Geo. Walker, superintendent of the flower market, died during the past week and was buried on Saturday.

Our rose show is scheduled for February 13, and indications point to its being a great success this year. All arrangements are now complete and schedules have been mailed. We would like to have vases of all the new roses for our boys to look at, so if you have anything new or especially fine, send it along, express prepaid, addressed to the Cincinnati Florists' Society, care of superintendent Jabez Elliott Flower Market, and your blooms will be staged by an experienced man and shown to the best advantage.

C. J. OHMER.

SCHENECTADY, N. Y.—George H. Campbell died January 18, aged 81 years. Up to a year ago he was actively engaged in the florist business.

SPECIALTIES

FROM NOW UNTIL EASTER WE SHALL HAVE A STEADY SUPPLY OF

WHITE LILAC
Per dozen.....$1.50

LA REINE
And all other Tulips, $2.00 to $3.00 per 100

FREESIA
Fine, per 100.....$3.00

VALLEY
Fine, per 100.....$2.50

CARNATIONS and FANCY ROSES

We are now booking orders for LONGIFLORUMS FOR EASTER, and shall be glad to quote you figures on your needs. We expect to have, as in past years, the very best Lilies on the market.

A. L. RANDALL CO.

19-21 Randolph St., Chicago
Mention the Review when you write.

LOCKPORT, N. Y.

Announcement is made of the death of Eli B. Lewis, the dean of the craft in western New York. He was 85 years of age.

CANTON, O.—Carnations were in large demand here January 29, McKinley day. Many handsome designs were sent to Mr. McKinley's tomb and carnations were used everywhere. Florist Charles Brown put a pink carnation in the buttonhole of every street car employe, which served to remind many of the significance of the flower that day.

CENTRAL ISLIP, N. Y.—William Thompson, gardener at the Manhattan State Hospital, died suddenly January 17 at the age of 68 years. He was born in Dublin, Ireland, and came to this country in 1888. He has become widely known as a gardener of much skill and his exhibits of vegetables, plants, etc., at the fairs of Riverhead, L. I., Huntington, L. I., and at the Berkeley Lyceum, New York city, were awarded the highest prizes. He was formerly gardener at the New York Experimental Station, Geneva, N. Y.

DENVER, COLO.

The Market.

The cut flower market has been rather quiet lately, more on the account of the scarcity of stock than otherwise. Quite recently carnations were so abundant that some of the growers proposed donating them to the hospitals, rather than put them on the market at a figure far below their value. Now the demand is in excess of the supply.

Roses also are very scarce, especially teas, and their scarcity is felt more than that of the carnation. All roses have been rather poor for some time; the quality as well as the quantity is something unusual in this sunny clime at this time of year. Some growers who reaped the harvest at an early stage seem to be now off crop, while a few are really off altogether, which accounts for the condition of the market.

Beauties, which always fall off in crop at this time of the year, are really more scarce than teas and are more rare than they have been for many years. Almost any grower seems capable of producing this favorite rose in abundance throughout the fall and early winter, but after the mid-winter holidays the results are either long, unproductive wood or a lot of short, scrubby flowers which no first-class retail man wishes to handle. Eastern Beauty growers, on their arrival here, are astonished to hear of such results, but have never been able to rectify this unaccountable deficiency in crop, which invariably occurs at this time of the year.

Two Good Ferns.

There are few plants that are a genuine success in the dwelling house in this arid country throughout the winter months. The dry, light air, coupled with the artificial heat, seems to absorb all the sap or vitality of both leaf and blossom. But among those grown solely for their ornamental foliage and which are most popular after the palm family, is the nephrolepis family of ferns, which flourish where many other hardier types of plants are almost a failure. I think Bostoniensis has sold better than any other plant for many years; but its new rival, Piersoni, is going to give it a hard tussle for popularity in the future. Its scarcity, and consequently high price, is the only check to its selling qualities. Its character of growth has been proven to be fully equal to the Boston, and its type of foliage will make it far more attractive. It is well named, the ostrich plume fern.

While speaking of sword ferns I would like to say a few words about Mauff's new variety which was exhibited at Milwaukee last summer. He now has several thousand on hand and is still increasing the stock. It possesses a more compact growth, more numerous fronds than Bostoniensis, and is more full in the crown, which will make it better adapted for house culture as a pot plant. When disseminated it will make a valuable acquisition to this family of plants.

Various Notes.

Begonia Lorraine is receiving special attention at the greenhouses of the Park Floral Co. just now. They are making special efforts to turn out young stock by the thousand, and so far have had commendable success. Leaf cuttings are their principal wood, and so far they have rooted them on an open sand bench in the propagating house, but they find as the season advances it is necessary to protect them with glass covering. This assists in holding sap and color in the leaf, which at this advanced season of the year becomes discolored and dry.

Ben Boldt has recently secured a lease on the Mud Lake greenhouses belonging to the Daniels & Fisher Dry Goods Co., which takes effect in August. This place has proven too much for many, but as Ben has had unprecedented success, he feels justified in his undertaking. He is now making contracts for his whole output for the coming season, and as he is noted for growing only the best, he has no trouble in placing all his product beforehand.

Another grower who has practiced this system of disposing of his stock is Benson, of South Denver. He has for many years contracted for the bulk of his crop with a prominent retail house, and the transactions have been so satisfactory to both parties that it is made already for another year. Of course reputation for growing good stock is what gives a person such a desirable position in the profession, and as Benson is considered the soul of honor in this community, commendation is frequently extended by his fraternal brotherhood.

Great Divide.

Columbus, O.—The legislature has by resolution adopted the carnation as the state flower, as a token of reverence for Mr. McKinley.

Lockland, O.—W. K. Partridge says there is a big call for cuttings of Enchantress and he has booked orders for all the cuttings he can root.

The Review is a ray of light, a morning sun to the progressive florist.—J. R. Elder, Sioux City, Iowa.

Wietor Bros.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems	per 100, $6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $8 00
Ivory	5 00 to 8 00
Liberty	6 00 to 15 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Headquarters for EVERGREENS

Order direct from us and you won't be disappointed. We always carry a fine line of Laurel Festooning, made good and full, 5c and 6c per yard. Princess Pine Festooning, made all round and heavy, 5c and 6c per yard. Laurel Wreaths, made heavy and fancy, $2.00 per doz. and upwards, according to sizes. Princess Pine Wreaths, made very heavy, $1.50 to $2.00 per doz. Holly Wreaths, made extra heavy, 50c each; $5.00 per doz. Holly, the best in the country, well herried, $6.00 per case, contains 100 lbs. Wild Smilax, extra, $4.00 and $7.00 per case. Also a full line of Florists' Supplies. A-No. 1 Hardy and Fancy Ferns, $1.50 per 1000. New Crop Bronze and Green Galax, $1.00 per 1000. Also Green Moss in bbls. $1.00 per bbl. All orders by mail, telephone and telegraph will receive our personal attention. Long Distance Telephone 2618 Main and 583-4 Tremont.

HENRY M. ROBINSON & CO., 11 Province St., BOSTON, MASS.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30 in. stem	4.00
" " 24-in. "	3.00
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Mention Review when you write.

Here's another dollar for the Review, which we certainly cannot do without.—Gelven & Son, Sedalia, Mo.

From the Atlantic to the Pacific

Burpee's FORDHOOK FARMS are famous as the Largest Trial Grounds in America.

☞ You need not take our word for the truth of this statement (although we never knowingly exaggerate) but can read below the entirely unsolicited opinions of two leading experts. There is not money enough, even in all the territory "from the Atlantic to the Pacific" to purchase such testimony from either of these well known Horticulturists! They know whereof they speak and do not hesitate to tell freely the plain truth — as learned from their own inspection.

From the Atlantic

Professor Johnson of "The American Agriculturist" performed a similar office on behalf of the members of the agricultural and horticultural press present. Mr. Johnson said that the day had been one rare treat. * * * In speaking of the immensity of the Trial Grounds at **Fordhook**, Professor Johnson stated that those present would take home a lesson which would be remembered for many years. **There was not an experimeot station in the United States, supported by State or National legislation, that had anything like the variety of tests that were conducted on the Fordhook Farms.** He said this in all fairness to the splendid work of the Experiment Stations.— Extract from an Editorial account of "A FIELD DAY AT FORDHOOK," which appeared in The Florists' Exchange, New York, July 4, 1903.

From the Pacific

A careful seedsman's experiment grounds, like yours, it seems to me, are far more useful than any of the colleges or public experiment stations, as it is all practical work. **Your Fordhook Trial Grounds were the best of all my Eastern object lessons, and I had many of them. I had no idea of their extent and value, not only to yourself, but to every one of your customers, and eventually to every one who cultivates the soil.** — Thus wrote LUTHER BURBANK, "The Wizard of Horticulture," from Santa Rosa, California, October 20, 1900, upon his return from an extended Eastern trip.

Special announcement

TO FLORISTS AND DEALERS

WHO DESIRE TO SUPPLY THE

BEST SEEDS THAT GROW!

☞ Herewith we show one page advertisement in March **Delineator**; similar page advertisements will appear also in the March numbers of **McClure's, Munsey's** and **Everybody's Magazines**; also in **The Mayflower, Success With Flowers, The Christian Herald,** etc., while the same offers will appear in **The Ladies' Home Journal, Country Life in America, Saturday Evening Post, Country Gentleman,** etc.

THIS ADVERTISING, together with the wide circulation of

BURPEE'S FARM ANNUAL for 1904,

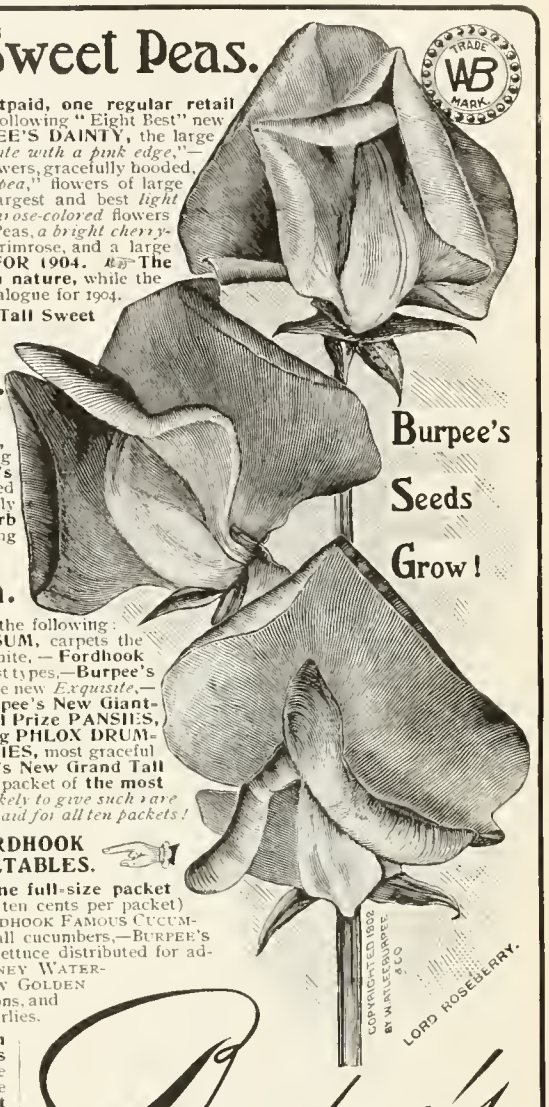
generally recognized as **"The Leading American Seed Catalogue,"** will create a great demand for these **Special Collections**

WHOLESALE — We will supply any or all of these popular **25c COLLECTIONS** at **$2.00** per dozen, postpaid, or **$1.80** per dozen, by express, just 15c each.

Eight Elegant New Sweet Peas.

For 25 Cts. we will mail, postpaid, one regular retail packet each of the following "Eight Best" new Sweet Peas: **BURPEE'S DAINTY,** the large flowers are beautifully formed and uniquely marked, "*white with a pink edge*,"—**LORD ROSEBERRY,** richly colored, deep *rose-carmine* flowers, gracefully hooded, *see illustration*,—**JANET SCOTT,** "*the best pink sweet pea*," flowers of large size, three on a stem,—**LADY GRISEL HAMILTON,** largest and best *light lavender*,—**THE HON. MRS. E. KENYON,** beautiful *primrose-colored* flowers of truly enormous size,—**COCCINEA,** a new color in Sweet Peas, *a bright cherry-red*,—**JEANIE GORDON,** charming bright rose, shaded primrose, and a large packet of the unequaled new **BURPEE'S BEST MIXED FOR 1904.** ☞ **The Seven Superb Separate Sorts are shown painted from nature,** while the SPECIAL MIXTURE is described on page 108 of our new Catalogue for 1904.

25 Cts. buys all the above **Eight Elegant New Tall Sweet Peas,** and in each collection we enclose our NEW LEAFLET ON CULTURE FOR 1904.



Seven Nasturtiums. For 25 Cts.

we mail one full-size packet each of **all seven distinct types:** The beautiful **Dwarf Liliput** in best mixture,—the unequaled mixture, **Burpee's "Gorgeous" New Tom Thumb,**—the interesting small-leaved **Tom Pouce,**—the brightly colored **Lobb's Finest Mixed,**—the superbly brilliant new and unequaled mixture of **Burpee's Hotspur Harlequin,**—the gracefully artistic **Ivy-Leaved,** and the finest **Burpee's New Superb Giant-flowered Nasturtiums.** In the large bag enclosing each collection is included our NEW LEAFLET on culture.

Burpee's GEM Collection.

For 25 Cts. we mail one packet each of all the following: **Little Gem SWEET ALYSSUM,** carpets the ground with a mass of white,—**Fordhook Favorites among ASTERS,** embracing many of the choicest types,—**Burpee's Defiance BALSAMS,** in unequaled mixture, including the new *Exquisite*,—**Dwarf Marguerite CARNATIONS,** in finest colors,—**Burpee's New Giant-flowered NASTURTIUMS,** in unequaled mixture,—**Royal Prize PANSIES,** both free-flowering and giant varieties,—**Largest-flowering PHLOX DRUMMONDII,** as grown by ourselves,—**Fordhook Fairy POPPIES,** most graceful double flowers, in many colors,—a large packet of **Burpee's New Grand Tall SWEET PEAS,** as specially prepared for 1904, and a small packet of **the most beautiful New PLUMED CELOSIAS.** *This novelty is likely to give such rare delight to all flower lovers as to be alone worth the quarter paid for all ten packets!*

Vegetables! "FIVE FINEST" FORDHOOK FAMOUS NEW VEGETABLES.

For 25 Cts. we will mail, postpaid, one full-size packet (such as we sell separately at ten cents per packet) **each of the following:** FORDHOOK FAMOUS CUCUMBER, the largest, most handsome, and finest flavored of all cucumbers,—BURPEE'S BRITTLE-ICE LETTUCE, the popular New "*Nameless*" Lettuce distributed for advance trials last season,—BURPEE'S NEW HALBERT HONEY WATER-MELON, sweetest and best for home use,—BURPEE'S NEW GOLDEN GLOBE ONION, earliest and handsomest of globe-shaped onions, and CHALK'S EARLY JEWEL TOMATO, largest of all extreme-earlies.

Above Five are all shown, painted from nature, on the cover or plates in our Catalogue. ☞ Perhaps there are named above one or two vegetables that you do not care for. Therefore you *may omit* any of the above, and instead **select a packet of either** the New DANISH ROUNDHEAD CABBAGE,—the unequaled CHINESE GIANT PEPPER,—the earliest HAILSTONE RADISH,—the delicious FORDHOOK BUSH SQUASH, or the New QUARTER-CENTURY STRAIN OF BURPEE'S BUSH LIMA BEAN.

For One Dollar we will mail all the seeds advertised—ten New Vegetables and twenty-five packets Choicest New Sweet Peas, Nasturtiums and other Flowers—in all **thirty-five full-size packets for ONE DOLLAR!**

☞ Every one of these varieties is entitled to be marked with a **bull's-eye** [⊙],—as absolutely **the best of its type.** ☜

Or For One Dollar you can have **ANY FIVE COLLECTIONS,** and mailed to separate addresses if so requested. ☞ Be sure to ask for BURPEE'S FARM ANNUAL FOR 1904 when ordering. **Write TO-DAY!**

Burpee's Farm Annual for 1904.

LEADING AMERICAN SEED CATALOGUE.

Mailed FREE to all who want the **Best Seeds!** An elegant new book of 178 pages, with hundreds of illustrations and six superb colored plates, it is now brighter and better than ever before. Many new features for 1904,—including valuable **RARE NOVELTIES** not to be had elsewhere. You can send your address on a postal card. **Write TO-DAY!**

REGISTERED WB TRADE MARK

W. ATLEE BURPEE & CO., Burpee Building, Philadelphia, Pa.

Nos. 475 and 477 North Fifth Street / Nos. 476 and 478 York Avenue } Headquarters in PHILADELPHIA of

THE WORLD'S LARGEST MAIL-ORDER SEED BUSINESS

BURPEE'S "BLUE LIST." A new book of 144 pages, will be mailed FREE on application to any Market Gardener or Florist who buys seeds to "plant for profit," but cannot be mailed to private planters, even if asked for. **BURPEE'S "RED LIST."** OUR STRICTLY "WHOLESALE" CATALOGUE IS MAILED TO DEALERS ONLY. ☞ It can NOT be sent even to Florists UNLESS they BUY TO SEED AGAIN. Which of the above two catalogues are you entitled to receive? Kindly advise us AT ONCE and it will be sent by first mail. Our Retail Catalogue, as advertised herewith is FREE to all who ask for it.

W. ATLEE BURPEE & CO., PHILADELPHIA.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

THIS promises to be a banner year for the wholesaler who can deliver the goods.

THE seed business of Levings Bros., Paris, Ill., has been sold to Joseph L. Warder, of Terre Haute, Ind.; and the stock has been removed to that city.

IT is reported that continued dry weather and sharp morning frosts are not helping the bulb growers and there may be a shortage in freesias and other small bulbs from southern California.

THE onion set warehouse of A. L. Jones & Son, Chicago, took fire on the morning of January 31, 6,000 bushels of red and 2,500 bushels of white onion sets being destroyed.

IN view of the present high price of eating potatoes it should not be hard to get up club orders for Michigan seed potatoes at catalogue rates. They could come forward in a refrigerator car.

H. W. BUCKBEE, Rockford, Ill., is in his new seed warehouse and has one of the most completely equipped plants in the trade. The main building is 65x184 and four stories high. There is also an engine room 39x65.

MARKET garden trade is likely to tax the best effort of those houses which cater to it this spring. Besides the shortage in many of the items that are necessary to their needs, the samples available are not quite up to the market gardeners' standard.

THINGS are still booming in beans; orders are much easier to get than stock to fill them with. All along the line there is a swift movement in all lines and by the end of the season the general depletion of stocks will make the coming season a good one for the growers.

IT is stated that the present price of canned tomatoes, Maryland standard 3s being 62½ to 70 cents per dozen at the packing houses, is from 7½ to 10 cents below the cost of packing and that it is resulting in greatly increased consumption, so that the 1902 and 1903 pack, said to be 20,000,000 cases, will be largely disposed of.

ADVICES from Baltimore say that cabbage is selling at $50 a ton there and can scarcely be obtained even at that figure. Good quality cabbage appears to be worth $50 almost anywhere in the country and fancy stock is even higher. Imported stock is held firmly at $50, with an upward tendency which promises to carry it still higher.

PRIVATE mail advices from packers at Aberdeen, Md., state that offerings of future corn out of first hands continue to be made with caution, largely owing to the continued unsettled position of seed corn. High prices of the latter, together with the higher demands on the part of the grower, makes it necessary for the packer to figure on new business on a considerably higher basis than previous years' business.

ARROYO GRANDE GROWERS.

An Arroyo Grande, Cal., correspondent sends the following to a Los Angeles paper about success achieved in the seed industry in that vicinity:

Less than ten years ago L. C. Rhoutzahn, a clergyman in failing health, and with almost no capital, came to Arroyo Grande from Three Rivers, Mich., and in company with his father-in-law, J. C. McClure, started a small seed farm of two or three acres on land about two miles from town. Today a beautiful modern home stands on those acres, to which hundreds more have been added. The McClure Seed Company is an incorporated body, with $100,000 capital and over 600 acres, all planted to seeds each year. Sweet peas, in forty-acre patches, are a specialty. The crop of seeds sold for $35,000 one year and $50,000 last year.

Victor Johanson came from Denmark, and after struggling for years at general farming concluded to try seed raising near Arroyo Grande. He began with a few acres of rented land. Last year, as a result, he was able to purchase twenty or thirty acres of the old Tallyho ranch, which had been used for grain and grazing, together with the ranch house, which he remodeled into a pretty home. He also rents about 150 acres. He started with little or no capital.

PITTSBURG.

The Market.

Last week a change in the flower market took place; the unfavorable weather, with storms and no sun, shortened up the supply considerably, but no noticeable change in prices occurred. Roses are slightly off crop, especially Brides, the very choicest Maids and Brides selling at 18 cents. Good Beauties are decidedly off crop; plenty of short ones are in evidence, which really have no market value.

Carnations are now in much better demand but prices are still exceptionally low. The fancy bring $3 per 100 and a few sell at $4. Novelties, such as Enchantress and Prosperity, are bringing $6. The general average stock is being offered as low as $15 per 1,000. Tulips of good quality are plentiful but the demand is limited. The call for sweet peas is falling off more each week; many are left on our hands unsold. Lilies are scarce. Mignonette, freesia and daffodils are meeting with fair demand. Sufficient stock is being received to meet all requirements.

Various Notes.

John Murchie, of Sharon, Pa., has a new carnation which he has named Fred Burki. In color it is a glistening white, with a faint streak of pink that cannot be noticed two feet away. It is a fine, healthy, upright grower and every shoot makes a flower; it produces continuously. The weakest stems will hold the flowers erect. The blooms average three to three and three-quarter inches, stems from twenty to thirty inches. It is a cross between Mrs. Lawson and a seedling. Mr. Murchie claims that it will produce more good flowers than any other white carnation he has grown or seen grown, and that it will give a steady cut from November to July. Mr. Murchie further says that he could afford to give a dollar for every bursted flower. Mr. Murchie contemplates staging it at the Detroit convention.

David Geddis, who has been confined to his home the last week, is about again.

Theodore Beckert is consigning the Pittsburg Cut Flower Co. some fine freesia and white tulips.

The Pittsburg Rose & Carnation Co. is shipping in quantities of extra fine Maids and Brides.

Brother Langhans, you are a good worker in securing new members for the Florists' Club. Philip has the following names for proposal at the next meeting: E. J. Perry, Greensburg; Wm. Cromack, Irwin; Karl Klinke, George Marshall, Edward McConnell and Wm. Q. Potter, of Pittsburg.

The German count's song, dedicated by T. P. Langhans to the Florists' Club smoker and sung by him, was a creditable production, it was full of wit and mirth and good fellowship, and was appreciated by many.

Visitor: Martin Reukauf, representing H. B. Bayersdorfer & Co., Philadelphia. Hoo-Hoo.

MAMMOTH EVERGREEN
Sweet Corn
At $5.00 per bushel.
C. E. HUBBARD, TOPEKA, KAN.
Mention Review when you write.

SPECIALTIES IN
VEGETABLE AND FLOWER SEEDS.
Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c
WEEBER & DON, Seed Merchants,
114 Chambers St., NEW YORK CITY.
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

SEEDS
THE ALBERT DICKINSON CO.
Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, Ensilage Corn, Pop Corn, Buckwheat, Beans, Peas, Etc.
COTTON GRAIN BAGS. CHICAGO ILL.
Mention The Review when you write.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz.,	$1.50
SALVIA Naoa Comp., Bonfire	" 25c.	¼ oz., 75c.	oz.,	2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz.,	1.00
PETUNIA, large flowering, fringed, mixed			pkt.,	.50
PETUNIA, double, large flowering, fringed, mixed			"	1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz.,	5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz.,	9.00

Our Wholesale Catalogue mailed.

Stumpp & Walter Co.
50 Barclay St. N. Y.

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

OUR 1904 TRADE LIST

Containing a complete assortment of vegetable and flower seeds now ready.

A post-card will bring it to any who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention Review when you write.

20,000 FRESH Asparagus Plumosus Seed.

Price per 1000, $5.00.

Inquire of

HENRY YOUNG, Ada, Ohio.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

Van der Weijden & Co.

THE NURSERIES,

BOSKOOP, HOLLAND.

Growers of Hardy Rhododendrons, Azaleas, Clematis, Shrubs, Conifers in several var., Taxus in var., Boxwood pyramids 3-4 feet high, etc., etc. Ask for prices. Catalogue free on demand.

NO AGENTS. NO AGENTS.

DAHLIAS. POT ROOTS.

Ten Gold Medals Awarded 1903.

Pot-roots for shipment at once. Every section including the popular **Cactus Dahlias** at $1.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Terms cash with order. Catalogue 114 pp. free of charge.

HOBBIES LIMITED, Norfolk Nurseries, **Dereham, Eng.**

New Chrysanthemums

The best of the Novelties shown at New York this year are from my last year's set.

Another great set described in my special list just out. Sent post free. Write for it.

W. WELLS & CO.,

EARLSWOOD, - - SURREY, ENGLAND.

Postal Note

WILL FURNISH YOU WITH

Absolutely Fresh Seed.

Asparagus Plumosus Nanus	per 100 seeds,	$1 00
	" 1000 "	9 00
Asparagus Sprengeri	per 100 seeds,	35
	" 1000 "	3 00
Asters—Queen of the Market, separate colors or mixed	per trade pkt.,	25
Dracaena Indivisa	per oz.,	25
Smilax	"	35
Stocks—Cut and come again	"	3 00
Verbena—Mammoth, separate colors or in mixture	trade pkt.,	25
Kentia Belmoreana, per 100 seeds, 70c; per 1000,		5 00
" Forsteriana, " " 70c; "		5 00
Dracaena Canes—Terminalis True	per foot,	20
Bamboo Canes—6 to 8 feet	per 1000,	6 00
Mushroom Spawn—The genuine English "Milltrack" brand	per 100 lbs.,	7 00

WM. ELLIOTT & SONS, New York

Mention the Review when you write.

JOHNSON & STOKES'

NEW CROP CHOICE FLOWER SEEDS HIGHEST QUALITY

The seeds herein offered are selected with the greatest care, and can be depended upon to be the very best obtainable. Our German grown Asters, Stocks and Petunias are unsurpassed.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection	$0 10	$0 50
Alyssum, Little Gem	10	25
" Maritimum (sweet)	10	15
Asparagus Plumosus Nanus (new crop) per 100 seeds, $1 00 per 1000, $7.50		
Asparagus Sprengeri, 100 seeds, 15c; 1000 seeds, $1.00.		
Aster, Queen of the Market (the earliest), white, pink, light blue dark blue and scarlet	10	50
Aster, Semple's Branching, mixed	10	50
" " " separate colors,	15	75
Candytuft, Empress (selected)	10	20
Clematis Paniculata, white	10	40
Centaurea Candidissima (1000 seeds)	25	1 25
" Imperalis	10	40
Cobaea Scandens, purple	10	30
Double Daisy (Bellis), Giant Snowball	20	2 50
" " Longfellow, rose	20	2 50
" " Mammoth, mixed	20	2 25
Grevillea Robusta	$0 10	$0 40
Lobelia, Crystal Palace Compacta, ½oz.	25	1 25
Mignonette, Machet (true)	10	40
Petunia, Dwarf Inimitable	20	1 25
" Giants of California, 1000 seeds 50c; 1-32 oz. $1.00.		
" Extra large, double fringed, 500 seeds 60c.		
Pyrethrum Aureum	10	25
Salvia Splendens (Scarlet Sage), ½oz	25	1 00
" " Clara Bedman	25	2 00
Shasta Daisy (Burbank's), 100 seeds 15c; 1000 seeds $1 00.	25	
Smilax (new crop), per lb. $2.25		20
Stocks, Large Flowering German, ten weeks, separate colors	25	2 50
Thunbergia, mixed	10	35
Verbena Mammoth, mixed, 2000 seeds	20	1 00
" " separate colors, 2000 "	25	1 25
Vinca Rosea, alba, alba oculata	10	50

Send for Our New Illustrated Catalogue, just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

GLADIOLUS BULBS.

50,000 first size and 50,000 second size, common, mixed stock, grown from seedlings that had a few choice varieties—less than one per cent—taken out. Grown by a neighbor who sells the blooms. Price away down.

M. CRAWFORD, Cuyahoga Falls, Ohio

Mention The Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Always mention the Florists' Review when writing advertisers.

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1.00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, - ALLEGHENY, PA.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

SAMUEL S. PENNOCK,
Gardenias, Orchids, White Lilacs. Wholesale Florist, 1612 Ludlow St., PHILADELPHIA.
Mention the Review when you write.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.
WHOLESALE FLORISTS. ROSES, VALLEY, BEAUTIES and CARNATIONS.
Mention the Review when you write.

RANDOM NOTES.

"Hurrah! the world looks bright to me,
The winter's slipping past;
I face the future hopefully,
My coal bids fair to last."

This may possibly be the song of some of our western fellow-craftsmen, but those I have met while making a tour through the Empire state are what is commonly termed "on the anxious seat," for the coal pile is diminishing and the predictions are for more cold weather. Today was the first bright day in two months. No wonder flowers have been scarce when most needed. Yet in conversation with several retailers, they feel, and perhaps justly so, that no conditions warrant the tremendous advance in prices around the holidays. It is forcing many into adding to plants already deemed sufficient for ordinary purposes and it means that at a no very distant date the business of the commission man so far as out-of-town shipping is concerned, will be a thing of the past. Want of confidence between the two parties is to be deplored, and will be the means of bringing about an undesirable state of things.

L. E. Marquisee, of Syracuse, N. Y., is doing his utmost to fill the pile of orders placed for Flamingo. Stock is so badly cut to pieces for cuttings that it is doubtful if a very good showing can be made at the coming convention. Even visions of the gold medal have failed to stay the knife of the propagator. Albatross is a beautiful white and has sold well.

Frank Baker wished me not to mention anything regarding the new place he has purchased just on the border of Utica, so I will not do it. J. C. Spencer may exhibit specimens of his seedling, Jubilee X Red Jacket, the same parentage from which sprang Flamingo. This seedling is more serrated in bloom, lighter in grass and stem, but very free. Flower is a shade brighter than Flamingo.

J. C. Hatcher, of Amsterdam, N. Y., was hammering away on the rafters of a new 200-foot house, when I looked in at his new place at Hoffmans, situated about five miles from the home plant. "Must rely more upon ourselves," remarked Mr. Hatcher, "we know what we can grow and can see what we grow."

J. O. Graham, of Little Falls, N. Y., reports business about as usual at this season. Being unable to enlarge his present plant, he is looking for a desirable location near by.

C. A. Dole, of Lockport, N. Y., reports business not nearly as good as usual. Thos. Mansfield speaks in a similar vein, but doubtless with a spell of bright weather, the brighter side of things will be visible.

C. H. Roney, of Jamestown, N. Y., of the Lake View Rose Gardens, says he does not remember so long an absence of sunshine at this season of the year. Carnations could not be persuaded to unfold their petals or even to burst their calyxes. Roses were much freer. Paper Whites, lilacs and lilies are forced in large quantities and have sold well right along. The growth and sale of smilax and asparagus seem as good as ever. The weekly bulletin issued by this firm makes interesting reading. Invariably optimistic, it tones up the spirits of its readers in addition to being a valuable price list to its patrons.

Dropping in on Wm. Scott, of Buffalo, N. Y., I found him preparing his weekly batch of valuable notes, and I wondered how he manages it, pausing between whiles to ask some pertinent question of his able aides or to reply to a volley of inquiries from a customer.

W. M.

ORCHIDS
A Specialty.

I can always supply limited quantities on short notice. With reasonable notice can supply large quantities.

Cattleyas, $6 doz. Laelias, $2 to $3 doz. Cypripediums, $2 doz. Calanthes, $2 doz.
All other seasonable flowers at Current Chicago Market Prices.

CHAS. W. McKELLAR, 51 WABASH AVENUE, CHICAGO.
Mention The Review when you write.

Our 1st and 2nd Quality
TEA ROSES

Many of our customers tell us are the equal or better than others sent out as higher grade. Then, you know they are "fresh." Sent out the same day they are cut. The prices are 3c and 5c for these grades.

HELLER BROS.,
South Park Floral Co., NEW CASTLE, IND.
Mention the Review when you write.

EVERY day or two we receive a query to which it is impossible to reply because the writer does not sign his name. Give as much detail as possible in your letter and sign your full name and the address to which your REVIEW is sent; you will then receive a prompt reply.

WE felt there was something missing from our business and note we have not renewed our subscription to the REVIEW; here is the dollar; please send the back numbers.—EGGELING FLORAL CO., St. Louis.

LEO NIESSEN. FREESIA, VALLEY, DAFFODILS, in any quantity.

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Mention the Review when you write.

CARNATIONS AND ROSES. Galax Leaves, $7.50 per case. **EUGENE BERNHEIMER,**

WHOLESALE FLORIST, 11 So. 16th St., PHILADELPHIA.

Mention the Review when you write.

BERGER BROTHERS, Wholesale Florists,

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

E. F. Winterson Co.

SUCCESSORS TO

McKELLAR & WINTERSON

ESTABLISHED 1894.

We are handling the cut of RUDD'S "**PHYLLIS,**" the grand new pink — and new Seedling White (unnamed, but a "crackerjack") carnations. These arrive daily—get a sample shipment, but give us a day or two notice, as we sell them out as a rule in advance of arrival. Price, **Phyllis, 6c; White Seedling, 4c.**

FANCY EASTERN VIOLETS. The best that come into this market, **$1** per 100.

EXTRA fine HARRISII BLOOMS. 12c to 15c.

FANCY FREESIAS, 3c to 4c.

A daily supply from **34 GROWERS** enables us to take care of shipping orders to the buyers' advantage.

Get our Weekly Price List. It is free and worth your while.

HEADQUARTERS FOR

GALAX LEAVES AND ALL GREENS.

"SUPERIOR QUALITY"

WILD SMILAX

(NONE BETTER)

ALWAYS ON HAND.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

Address all correspondence to

45-47-49 Wabash Ave.

CHICAGO.

Mention The Review when you write.

J. Stern & Co.

1928 Germantown Avenue, PHILADELPHIA, PA.

WAX FLOWERS,

FLORAL DESIGNS,

FLORISTS' SUPPLIES.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 3.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	$ 2.50 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.50 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Extras	$10.00 to $15.00
" " Specials	4.00 to 8.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Firsts	25.00 to 50.00
" Seconds	6.00 to 12.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Orchids, Cattleyas	50.00 to 60.00
" Cypripediums	15.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas	$1.50 to $2.00 per doz.
Daffodils	4.00 to 5.00
Daisies	.50 to .75
Freesia	3.00 to 5.00
Hyacinths, Roman	2.00 to 4.00
Lilac	$1.00 to $2.00 per bunch
Lillium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	1.00 to 5.00
Narcissus, Paper White	2.00 to 4.00
" Campernelles	1.50 to 2.00
Pansies	.30 to .50
Myosotes	.50 to 1.00
Gardenias	30.00 to 50.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	3.00 to 4.00
Violets, ordinary double	.75 to 1.00
" single	.40 to .50
" extra white	1.50

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HOW TO GROW IT.
FULLY ILLUSTRATED.

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A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands or every grower.

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Upsal Station, Penna. R. R.

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Wholesale Florists,

53 West 28th Street, **NEW YORK.**
Tel. 1239 Madison Square,
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Special arrangements this season for the extensive handling of American Beauties.

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39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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Telephone No 3393 Madison Sq
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VIOLETS our specialty.
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Wholesale Cut Flower Prices.

New York, Feb. 3.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	10.00 to 15.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 15.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	30.00 to 40.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cunestum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
Sprengeri, 25c a bunch.	
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia.....10c to 25c per bunch.	
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.00 to 3.00
Mignonette	1.00 to 6.00
Narcissus	1.00 to 2.00
Smilax	6.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.35 to 1.00

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GALAX, Bronze or Green,
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FERNS, Fancy, $1.50 per 1000. Dagger, 1.00 "

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Wholesale Cut Flower Prices.

Pittsburg, Feb. 3.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	25.00 to 35.00
" No. 1	10.00 to 20.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	15.00
" " " Extra	10.00 to 12.00
" " " No. 1	4.00 to 8.00
" " " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Liberty	4.00 to 30.00
Sunrise	3.00 to 6.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Callas	6.00 to 10.00
Daffodils	3.00 to 4.00
Daisies	1.00 to 1.50
Freesia	2.00 to 4.00
Hyacinths, Roman	2.00 to 4.00
" Dutch	4.00 to 6.00
Lilac	1.00 to 1.50
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	3.00 to 4.00
" fancy	5.00
Narcissus	3.00 to 4.00
Pansies	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	2.00 to 5.00
" double	4.00
Violets, ordinary	.50 to .75
" extra	1.00

SCHIZANTHUS WISETONENSIS.

From seed bought from dealers it is very seldom that all the seeds germinate, perhaps out of thirty seeds one may come up, says a writer in the Gardening World, but if seeds are saved at home they will be much more easy to germinate. Out of every fifty seeds one may die if seeds are saved at home. Another way to increase stock is, when the plants are large enough, say seven inches high, pinch the top out of them, and also keep the tops. Prepare and make into cuttings by cutting clean at a joint, and placing them in small pots of leaf mold, sand and a little peat, teased fine, and place them under a handglass and keep close for a few weeks, when the glass may be lifted off altogether, and the cuttings gradually brought into a cooler temperature of 55 to 60 degrees. When the pots are nearly filled with roots give them a shift into a compost of leaf mold, sand and loam, and a few pieces of lime rubble to keep the soil open. When the plants are in bloom select the finest blooms and colors, and on bright days fertilize with a feather or something soft to be sure of a good set of seed, and it will pay for the trouble taken.

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Bronze or Green. 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

Sphagnum Moss, $1.75 per large bale.

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Prices lower than elsewhere. Try me.

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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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Wholesale Cut Flower Prices.

Chicago, Feb. 3

	Per doz.
Beauties, 36-inch stems	$5 00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100	$6.00 to 8.00
	Per 100
Bridesmaids, Specials	$6.00 to 10.00
" Firsts	4.00 to 5 00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8 00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.50 to 2.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Tulips	2.00 to 5.00
Freesia	2.00 to 4.00
Easter lilies, $2 00 doz.	
Callas, $1.50 per doz.	
Miguonette, $1.00 to $1.50 per doz.	
Valley	2.00 to 4.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $1.50 per doz.	
Common ferns, per 1000, $2.50.	
Galax Leaves, $1.00 per 1000.	

GREENLAND, FLA.—Arnold Puetz is sending out a red ludwigia which he thinks is the best plant for aquariums he has yet come across.

FREEPORT, ILL.—Louis Bauscher says business is good this season and he has two new houses 16x50 under way for carnations, using Garland's iron gutter.

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Finest Brand for Early Forcing.

$12.00 per 1000; $30.00 per case 2500; $1.50 per 100. This is fine stock and will give best satisfaction. Write for prices on large quantities.

FINEST CUT VALLEY always on hand

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FLORAL COMPANY,

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THE "OLD RELIABLE" FOR

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Hunt's Flowers Go Everywhere.

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Greenhouses at Hinsdale, Ill.

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Write for special quotations on large orders.

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WHOLESALE COMMISSION FLORIST,

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With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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Special attention given to Hardy Cut FERNS.

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GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

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of good quality always on hand.

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The Philadelphia Wholesale Flower Market.

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THE BEST OF EVERYTHING IN THE MARKET.
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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season.

Mention Review when you write. Send for Weekly Price List.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, Feb. 3.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	4.00 to 10.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 10.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Common	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 4.00
Smilax	12.50 to 15.00
Tulips	3.00 to 4.00
Violets, Ordinary	.35
" Extra	1.50
Galax	.15
Leucothe	.50
Common Ferns	.20

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From Kansas:—"The recent article on propagating hardy roses is worth a year's subscription to the average nurseryman."

NEW HAVEN, CONN.—Frank H. Kimberly has a pure white sport of Enchantress carnation, identical with its parent in all except color. Although he is growing all the new ones, he thinks this heads the list in all respects.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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H. G. Berning

WHOLESALE FLORIST,

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Mention the Review when you write.

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TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held in Vanderbilt hall January 28, with a good attendance. The principal business was changing the dates of the monthly meetings from the last Thursday to the last Tuesday of each month. It was alse decided to try and cultivate more sociability at the meetings, and with this end in view it was voted to have an open evening once every three months, when light refreshments will be served. Some of the members were in favor of having the annual fall chrysanthemum show held in White Plains or Yonkers, but after some discussion it was decided to hold it again in Tarrytown. The dates selected are November 1 to 3.

The prize for this month's exhibit was awarded to President Jas. Ballantyne for twelve roses. His exhibit consisted of excellent blooms of the new Killarney rose, Wootton, American Beauty and Bridesmaid. He also exhibited a very fine vase of Killarney roses. These were exceptionally good and very much commented on. Mr. Ballantyne said it was a first-class grower, and no doubt more of it will be seen around this vicinity next year. F. Gibson, gardener to Mrs. J. H. Hall, offered a box of cigars as a prize for the best bunch of fifty double violets, to be competed for at the next meeting.

New members elected were R. Barton, gardener to L. Stern, Tarrytown, and Mr. Parker, of Irvington. Proposed for membership were A. Brown, of Tarrytown, and F. Koenig.

The business meeting over, the members adjourned in a body to the Perry House, where a very substantial collation was awaiting, otherwise known as the annual dinner. In all about sixty members and invited guests were present. The tables were very tastefully decorated with fronds of Nephrolepis Piersoni and vases of roses and carnations. The carnations, especially, were the object of much comment. John E. Haines, of Bethlehem, Pa., brought along a very fine vase of a new scarlet variety, named after himself, which was the largest carnation ever seen in Tarrytown. He also had some white and variegated seedlings. The F. R. Pierson Co. supplied well grown examples of White Lawson, Daheim and Enchantress. H. Nichols, of Yonkers, brought some very good blooms of Golden Gate roses, and President Ballantyne's prize winners were also placed upon the tables.

As soon as the cigars were passed, President Ballantyne, in a neat speech, introduced J. M. Smith, of White Plains, as toastmaster. The first to come under his eye was the Hon. C. P. McClellan, who is easily a postmaster as an after dinner speaker. He referred to the time when he himself graduated from the spade and wheelbarrow, and kept the assemblage in good spirits with repartee and humor. The poet laureate of the profession, J. Austin Shaw, of New York, gave an example of his ability in a poem, which he named Tarrytown, and in which he managed to gather most of the gardening fraternity of the neighborhood and named the virtues and qualifications of each. The song bird of the profession, J. J. Butterfield, of New York, warbled his sweetest notes. P. E. Kessler, of New York, spoke for the gardening press. J. Dowling and J. Newman, from the Monmouth County Society, Oceanic, N. J., replied to the toast "The Visitors." Wm. Scott spoke for the gardeners, reminding those present that theirs was the oldest profession on earth, and good humoredly twitted some of the different professions present and gave some examples of why the Creator did not choose theirs as the first occupation for man. Jas. Scott gave a humorous account of his experiences as gardener at the House of Refuge on Randall's Island. Mr. McFarlane recited in his best form, and after a few more speeches the evening came to a close with votes of thanks and the singing of Auld Lang Syne.

T. A. LEE.

DATE OF EASTER.

Note that Easter, 1904, falls on April 3. In 1905 Easter will be the latest in many years, falling on April 23.

HAMILTON, O.—Theo. Bock says stock is in very fair shape throughout this district. Carnations are the best sellers, better than roses.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz.,$2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHYRANTHES.

Achyranthes Lindeuli and metallica, 2-in. pots, $2.50 100; rooted cuttings, $1.00 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, 2-in. pots, $2.00 100; rooted cuttings, $1.00 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

ALTERNANTHERAS.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera, the new Brilliantissima, finest of all, $6.00 100. A. J. Baldwin, Newark, O.

ALYSSUM.

Sweet alyssum, Dbl. Giant, 2¼-in., $2.00. Rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Alyssum, 2-in. pots, $2.50 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 8c; 2nd size, 5c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Araucaria excelsa compacta and glauca in all sizes. A postal for price list.
F. H. KRAMER, Washington, D. C.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, 3-in., $3.00; 4-in., $8.00; 5-in., $10.00, very large, ornamental plants now ready for 6 or 7-in. Plumosus, 3-in., $3.50 per 100. Cash N. P. Colberg, Morris, Ill.

Asparagus plumosus, strong plants from 4-in. pots, $8.00 per 100. A. Sprengeri, from 3-in. pots, $4.00 per 100. Cash.
J. Palmer Gordon, Ashland, Va.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenberger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

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S. S. Pennock, 1012 Ludlow St., Philadelphia.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, extra strong, 3-in., $4.00 100 or 200 for $7.50.
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Asparagus plumosus, from flats ready to pot, $2.00 100, $8.00 1000.
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Asparagus Sprengeri and plumosus, 2, 2½, 3 and 4-in. Write Geo A. Kuhl, Pekin, Ill.

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400 Sprengeri, strong, 2-in., $1.50 100.
White's Conservatories, Sandusky, O.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's White Commercial. Grow them to sell. Sell them for chrysanthemums, or cash—you're the doctor. (See displayed.)
C. A. Olmstead, East Bloomfield, N. Y.

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Azalea indica, 10x12, $35.00 100; 12x14, $45.00 100. Azalea mollis, $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

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Rex begonias, well established young plants from sand bed, mixed assortment, not labeled, $1.50 per 100, postpaid.
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Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maniculu, 2-in., $4.00 100.
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CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

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Rex begonias, 4-in., $6.00; 5-in., $12.00.
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Japan, dbl. fl. cherries, pot-grown, fancy twiated, full of buds, 75c each, $8.00 12, $60.00 100. H. H. Berger & Co., 47 Barclay St., N. Y.

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Bouvardia, stock plants, pink, white and red, single and double, $5.00 per 100.
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GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
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Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.
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Gloxinia crass. erecta, white, red, blue, violet, mottled, separate, 60c doz., $4.00 100; all colors mixed, 40c doz., $3.00 100.
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Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
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Calla lilies, 4-in., strong, ready for 5-in., $8.00 per 100. Cash.
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Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

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Rooted Carnation Cuttings.

100	100
Enchantress $5.00	Fair Maid.....$2.50
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Higlub'am	1.50	12.50	Estelle	2.00	15.00
Mrs. Lawson	1.50	12.50	Harl'den	3.00	25.00
G. Angel.	1.25	10.00	White—		
Cressbrook	1.50	12.50	Her Maj..	3.00	25.00
			W. Cloud.	1.50	12.50
			Flora Hill.	1.50	12.50

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Lorna	2.50	Mrs. Higinbotham	5.00
Good Enough	2.00	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Red—		Dorothy	2.00
Adonis	6.00	Sunbeam	2.50
Mrs. P. Palmer.	3.00	Morning Glory	1.50
J. H. Manley	4.00	Mrs. Joost	1.25
Oriole	2.50	Daybreak	1.25
G. H. Crane	2.00	Wm. Scott	1.25
Jubilee	1.50	Crocker	1.25
Portia	1.25	Mermald	2.00
Yellow—		Floriana	1.50
D. Whitney	5.00	Crimson—	
Buttercup	3.00	Harry Fenn	5.00
Gold Nugget	2.00	Gov. Roosevelt	2.50
Eldorado	1.25	Gen. Maceo	1.50

Variegated—Prosperity, $2.50 100; Mrs. G. M. Bradt, $3.00 100.

J. L. Dillon, Bloomsburg, Pa.

UNROOTED CARNATION CUTTINGS. 500,000 now ready. Short-jointed, healthy.

White.	1000.	Pink.	1000.
Queen Louise	$ 5.00	Lawson	$8.00
Alba	12.50	Argyle	4.00
Los Angeles	12.50	Mrs. Joost	5.00
Norway	5.00	Mermaid	5.00
White Cloud	5.00	Wm. Scott	5.00
Lorna	6.00	Triumph	5.00
Crimson.		Dorothy	0.00
Harlowarden	20.00	Variegated.	
Gen. Gomez	5.00	Violania (4-in. bloom best var.)	50.00
Yellow.		Marshall Field..	20.00
Golden Beauty..	8.00	Stella	12.50
Eldorado	5.00	Armazindy	5.00
Gold Nugget	7.00	Viola Allen	12.50
Scarlet.		Mrs. Bradt	7.00
America	5.00		
Apollo	12.50		

Terms—Cash or C. O. D. with privilege of examination. 500 at 1000 rate.

CALIFORNIA CARNATION CO., Loomis, Cal.

Carnation rooted cuttings. Selection of cuttings from 13 carnation houses.

	100.	1000.		100.	1000.
Fisher	$12.00	$100.00	Gaiety	$3.00	$25.00
Patten	12.00	100.00	Stella	3.00	25.00
The Belle	12.00	100.00	Lawson	2.50	20.00
Bountiful.	12.00	100.00	Mng. Glory	2.50	20.00
Flamingo.	12.00	100.00	Glacier	2.50	20.00
Adonis	8.00	70.00	Marquis	2.50	20.00
Ench'tress	6.00	50.00	Dorothy	2.50	20.00
Boston Mkt	4.00	35.00	Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Wolcott	4.00	35.00	Lorna	2.00	17.50
McKinley	3.50	30.00	Norway	2.00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana.	3.00	25.00	Success	2.00	17.50
Innocence.	3.00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	W. Cloud.	1.50	12.50
Crane	2.50		Bradt	3.00	

W. J. & M. S. Vesey, Fort Wayne, Ind.

Reliable carnation cuttings now ready, strongly rooted.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.00	$17.00
Bradt	1.50	12.00	Lorna	1.60	12.00
Crane	1.50	12.00	Melba	1.50	10.00
Ench'antress	6.00	50.00	M. Glory	1.50	12.00
Estelle	2.50	20.00	Norway	1.50	12.00
Flora Hill	1.50	12.00	Palmer	1.50	12.00
Lord	1.50	10.00	Peru	1.50	12.00
Angel	1.50	10.00	Q. Louise	1.50	12.00
			Roosevelt	1.50	12.00

Cash with order or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

	100.	1000.		1000.
Enchantress	$5.00	$45	America	$10.00
Roosevelt	3.00	27	Gomez	10.00
Marquis	—	10	Cash with order.	

Mrs. B. Merkel & Sons, Box S, Carlstadt, N.J.

Rooted carnation cuttings. Enchantress, $6.00 100, $50.00 1000. Lillian Pond and The Queen, $5.00 100, $40.00 1000. These are extra strong and well rooted.

Larchmont Nurseries, Larchmont, N. Y.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	Per 100.	1000.	White.	100.	1000.
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.50	20.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov.L'ndes	3.00	25.00
Red.			Marion	1.25	10.00
Estelle	2.50	20.00	Variegated.		
Mrs. Ine.	1.25	10.00	Prosperity.	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Bradt	2.00	15.00
H'low'den.	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

P. REINBERG, 51 Wabash Ave., Chicago.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane.	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond.	5.00	40	Floriana	2.00	15
Mrs. Nelson.	2.50	20	Gov. Roosev't	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt.	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	
Mrs. Joost	2.00	15	J. H. Manley	3.00	

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.

BACKER & CO., Billerica, Mass.

Carnation cuttings. Healthy, well rooted stock.

	100	1000		100	1000
Pond	$5.00	$40.00	Her Majesty	$5.00	$40.00
Wolcott	4.00		Q. Louise.	2.00	18.00
Enchantress	6.00	50.00	Queen	5.00	40.00
Fairmaid.	3.00	25.00	Prosperity	3.00	25.00
Lawson	3.00	25.00	Estelle	4.00	30.00
Adonis	8.00		Nelson	3.50	30.00
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty.	3.00	25.00
M. Field.	5.00		Hill	1.50	12.00
Joost	1.50	12.00			

Can also furnish all other good varieties.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttiugs. INDIANAPOLIS, $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1	8	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise.	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud.	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen.	3.00	25.00	Harlowarden	5.00	
Her Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Healthy carnation cuttings, guaranteed clean and well rooted, but come and see them if you can, then you'll buy.

	100	1000
White Cloud	$1.50	$12.50
Queen Louise	1.75	15.00
Bradt, variegated	3.00	25.00
Prosperity, variegated	2.50	20.00
Lawson, pink	3.00	25.00

C. O. D. or Cash with order.

A. Laub & Son, Hughsonville, N. Y.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.

H. Weber & Sons, Oakland, Md.

SURPLUS CARNATIONS. Clean, healthy plants of Norway and Queen Louise, $5.00 100. This stock will please you.

W. E. HALL, Clyde, O.

Carnation Lawson now ready. $2.00 per 100, well rooted from healthy plants.

Crown Point Floral Co., Crown Point, Ind.

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$6.00	$50.00	Fair Maid.	$3.00	$25.00
Queen	6.00	50.00	Lawson	2.50	20.00
Wolcott	4.00	30.00	Q. Louise.	2.00	15.00
Roosevelt	3.00	25.00	M. Glory.	2.00	15.00

Our stock is first-class, and we guarantee our cuttings to be A1 and well rooted.

Orders from parties unknown to us must be accompanied by cash or satisfactory references.

THE LEWIS CONSERVATORIES, Marlboro, Mass.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted.

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Brndt.	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted cuttings, guaranteed to be aa good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel.	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport.	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud.	2.50	20.00
America	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo Niessen, 1217 Arch St., Philadelphia.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Strong carnation cuttings.

	100.	1000.		100.	1000.
The Queen.	$5.00	$40.00	Floriana	$3.00	$25.00
Lawson	3.00	25.00	Maceo	3.00	25.00
Bradt	3.00	25.00	Roosevelt.	3.00	25.00
Fair Maid.	3.00	25.00	Prosperity.	3.00	25.00
Lorna	3.00	25.00	Cash with order.		

THOS. W. SOUTHWARD, Willimantic, Conn.

Rooted carnation cuttings. Special prices.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$1.50	$12.00
Wolcott	3.50	25.00	Pond	3.00	25.00
Lawson	1.50	12.00	Harlow'den	3.00	
Palmer	1.50	12.00	H'botham.	1.50	12.50
Prosperity	2.00	18.00	Lorna	2.50	20.00

Poehlmann Bros. Co., Morton Grove, Ill.

Rooted carnation cuttings. Strong, healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

50,000 rooted carnation cuttings for January delivery. White Cloud, Hill, Queen Louise, Dana, Morning Glory, Joost, Lawson, Prosperity, America, Crocker and Norway. Guaranteed free from rust or stem-rot. In this southern climate our plants are entirely free from these diseases. Rosemont Gardens, Montgomery, Ala.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquis	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Rooted carnations now ready. For varieties and prices see our displayed adv.

Loomis Carnation Co., Loomis, Cal

CARNATIONS—Continued.

Rooted carnation cuttings. Cash or C. O. D.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.50
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings, clean and well rooted, $1.50 per 100. Prosperity, Joost, Crane, Lawson, Morning Glory, Higinbotham, Norway, Flora Hill and others. 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Blatchley, Plantsville, Conn.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.
Sidney Littlefield, North Abington, Mass.

Strong, well rooted carnation cuttings. WHITE BRADT, the white sport of Mrs. Geo. M. Bradt, $1.50 per 25; $5.00 per 100; $22.00 per 500. Cash with order or C. O. D.
John E. Sten, Red Wing, Minn.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1,, 1904, $10.00 100, $75.00 1000.
Jerome A. Suydam, Flathush, N. Y.

Good, strong, healthy, well rooted cuttings, as follows: Floriana, $3.00 100; $25.00 1000. Lorna, $3.00 100. Queen Louise, $3.00 100. Now ready. Cash with order.
Joseph Towell, Paterson, N. J.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

EXTRA GRADE CUTTINGS.
Correspondence solicited in the matter of supplying extra quality carnation cuttings, rooted to order. GEO. S. OSBORN, Hartford, Conn.

Fisher and Joost carnations, for summer blooming, in 2-in. and rooted cuttings. Also all the other good varieties of carnations. Write
Geo. A. Kuhl, Pekin, Ill.

We have the money-making varieties and can supply strong rooted cuttings, guaranteed free from disease. For varieties see displayed adv.
Buckley Plant Co., Springfield, Ill.

Crusader, the best commercial carnation of any color ever introduced. Every cutting guaranteed. Price: $10.00 100, $80.00 1000.
Chicago Carnation Co., Joliet, Ill.

Rooted cuttings. Lawson, $2.50 100; Cervera, $2.00 100; Queen Louise, $2.00 100; Goethe, $3.00 100; Genevieve Lord, $2.00 100.
H. Weston, Hempstead, N. Y.

The Queen (extra selected), from soil, now ready, $5.00 1000, $40.00 1000, special price on large orders. Cash please.
H. A. Jahn, New Bedford, Mass.

Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.
Lake Shore Greenhouses, Albert Lea, Minn.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.
C. C. Pollworth Co., Milwaukee, Wis.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cutings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Strong rooted carnations now ready. See our displayed adv. for varieties and prices.
Loomis Floral Co., Loomis, Cal.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

50,000 rooted carnation cuttings. Our stock is exceptionally fine. Send for list of varieties and prices.
C. Akehurst & Son, White Marsh, Md.

New carnation, LOUISE NAUMANN. Send in your order now. Price, $1.25 doz., $8.00 100, $70.00 1000.
G. M. Naumann, Doan St., Cleveland, O.

The QUEEN carnation, best commercial white. Grand stock. Rooted cuttings, $5.00 100; $45.00 1000. C. H. Totty, Madison, N. J.

FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.
Otto Bourdy, Lowell, Mass.

Rooted and unrooted carnation cuttings. We prepay express charges.
The Knoll Nurseries, Loomis, Cal.

CHRYSANTHEMUMS.

Hardy pompon chrysanthemums; large flowering or aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.
R. Vincent, Jr. & Son., White Marsh, Md.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.
G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c doz., $4.00 100.
John Brod, Niles Center, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Mums, rooted plants of Glory of Pacific, $1.25 per 100, by mail postpaid.
A. B. Campbell, Cochranville, Pa.

Leading varieties of stock mums and rooted cuttings at lowest rates.
W. H. Gullett & Sons, Lincoln, Ill.

Send for my list of new chrysanthemums.
C. H. Totty, Madison, N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CINERARIAS.

Cinerarias, extra fine, from $2.00 to $5.00 per doz. Also Primula and Primula obconica, extra fine. Cyclamen, all in good bloom.
Fred'k. Marquardt, Middle Village, L. I., N. Y.

Cineraria hybrida. Fine, clean, ready for a shift, 3-in., 4c; 4-in., 7c. Cash.
Central Greenhouses, Sandusky, Ohio.

Cinerarias, large 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis, leading var., strong, true to name, $25.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus Verschaffeltii, Golden Bedder and Fancy, 2-in. pots, ready for 3-in., $2.50 100; rooted cuttings, $1.00 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write
Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus, 24 fine var. from flats, $1.00; rooted cuttings, 60c per 100. Cash.
N. P. Colberg, Morris, Ill.

Coleus, over 15 best bedding varieties, unnamed, 2¼-in., $2.00 100.
Burnell & Totman, Randolph, Vt.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., 35c doz.; $1.50 100. Cash. Dann & Son, Westfield, N. Y.

Coleus, 10 var., 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas by the 1000. Get my prices.
F. H. KRAMER, Washington, D. C.

CYCLAMEN.

Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Cyclamen, blooming and in bud; fine stock, 4-in., $12.00; 5-in., $20.00 and $30.00 per 100.
C. Winterich, Defiance, Ohio.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, in bud and bloom, 4-in., $2.00 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

DAHLIAS.

Dahlias. Ten gold medals awarded in 1903. Pot roots for shipment at once. Every section, including the popular Cactus DAHLIAS, $4.00 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 100. Terms cash. 144-page catalogue free.
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Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
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ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme.C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted rose cuttings.

	100	1000		100	1000
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.

Beauties, 2-in.	$5.00 100;	$40.00 1000
Beauties, 3-in.	6.00 100;	50.00 1000
Beauties, 4-in.	7.50 100;	60.00 1000
Teas, 2-in.	2.50 100;	20.00 1000

Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100, $25.00 1000. Rooted cuttings, $1.50 100, $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

Rooted rose cuttings. American Beauty, $3.00 100, $30.00 1000. Bride, Maid, Ivory, Gate, $1.50 100; $12.00 1000. Perle, Kaiserin, Meteor, Canadian Queen, $2.50 100; $22.50 1000. Orders received for 2½ and 3-in. stock for later delivery.
W. H. Gullett & Sons, Lincoln, Ill.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

Field-grown La France, 15 to 24 inches, top. Crimson Ramblers, 2 to 3 feet. Both on own roots, fine for forcing or pots, $10.00 100. Express prepaid. Sample 25c. Cash with orders.
Hoffman Bros., Portland, Oregon.

ROOTED ROSE CUTTINGS. American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted, 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000. 500 at 1000 rate.
Sinner Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Roses. All the leading varieties in 2x2½ and 2½x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

H. P. roses, leading var., $10.00 100, $90.00 1000. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stocks, $12.00 to $15.00.
C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

50 rubbers, 2 to 3 feet, 6-inch pots, 35 cts. each. Superior Floral Co., Toledo, Ohio.

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Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia Bonfire, 2¼-in., $2.00 100. Cuttings half price. Rurnell & Totman, Randolph, Vt.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Pursil, Summit, N. J.

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Fresh flower seeds to sow now. New crop seeds from leading growers both at home and abroad. See adv. on first page; also write us for our preliminary price list.
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Flower seed for present planting.

	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp, Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, med.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

Our wholesale catalogue was mailed Jan. 1. If you did not receive a copy write for one.
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Grown by William Toole, Pansy specialist, Baraboo, Wis. Guide to pansy culture, with catalogue of pansy and other seeds and plants sent free to any address. Over 80 varieties and mixtures of pansy seeds offered. My newest variety, "Columbia," the red, white and blue, 25c per pkt. Extra choice mixed, pkt., 10c; ⅛-oz., 50c; ¼-oz., 75c. Selected mixed, pkt., 15c; ⅛-oz., 70c; ¼-oz., $1.20. Hesperian mixture, pkt., 25c. Trade pkts., triple quantity, at double price. Send orders or inquiries to WILLIAM TOOLE, Pansy Specialist, Pansy Heights, Baraboo, Wis.

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Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.
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Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
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Absolutely FRESH SEEDS. Asparagus plumosus nanus, $1.00 per 100; $9.00 per 1000. Asparagus Sprengeri, 35c per 100; $3.00 per 1000. Aster—Queen of the Market, separate colors or mixed, trade pkt., 25c. Dracaena indivisa, 25c per oz. Smilax, 35c per oz. Stocks—Cut and come again, $3.00 per oz. Verbena—Mammoth, separate colors or in mixture, trade pkt., 25c. Kentia Belmoreana and Kentia Forsteriana, 70c per 100; $5.00 per 1000.
Wm. Elliott & Sons, 52 Dey St., N. Y.

GROWER and CONTRACTOR of tomato seed to the trade. We are the originator of the Royal Red Aristocrat, Maule's Enormous, Maule's Success and Maule's New Magnificent tomatoes. We have a surplus of the following: 125 lbs. Royal Red, 218 lbs. Maule's Success, 17 lbs. French Marvel, fine stock at $1.00 per lb. to the trade only. 75 lbs. Ohio-grown Rocky Ford Gem melon, at 25c per lb.
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CALIFORNIA SEEDS. Native plants. Oz.
Butterfly tree poppy, yellow flowers.....25c
Matilija poppy, white flowers.....15c
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Kentia Belmoreana or Forsterians, 50c 100, $3.50 1000. Cocos Weddelliana, 75c 100, $6.00 1000. Livistona olivaeformis, 85c 100, $7.00 1000. Asparagus seed our specialty. Send for our new list.
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Asparagus plumosus seed (true), picked Jan. 19, 1904, from our own vines, 75c per 100 prepaid; $6.00 per 1000. Cash.
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A. Le Coq & Co., Darmstadt, Germany.

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Edward Harris, Moorestown, N. J.

New French mammoth verbena seed, 50c per 100 seeds.
John F. Rupp, Shiremanstown, Pa.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Hybrid carnation seed, mixed, $1.00 100; $9.00 1000. California Carnation Co., Loomis, Cal.

Mammoth Evergreen sweet corn, $5.00 per bushel. C. E. Hubbard, Topeka, Kan.

20,000 fresh Asparagus plumosus seed, $5.00 1000. Henry Young, Ada, Ohio.

Ardisia crenulata seed, $3.00 1000. Cash.
Emil Leuly, West Hoboken, N. J.

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Irish shamrock, strong plants, $4.00 100, or 60c doz., by mail.
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Smilax, extra strong and fine, $2.00 per 100. From flats, $1.00 per 100. Cash.
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Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
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1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.50 1000.
J. C. Schmidt Co., Bristol, Pa.

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Spiraea comp. multi., 40c doz., $3.00 100. Astilboides floribunda, 60c doz., $4.00 100.
H. H. Berger, 47 Barclay St., N. Y.

Spiraes japonica, $3.50 100; compacta multi. and astilboides, $4.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

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Stevia stock plants, bench or pots, 75c doz., $5.00 100. John Brod, Niles Center, Ill.

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Umbrella plants, 2½-in., $1.50 per 100.
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Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

LETTUCE PLANTS, Grand Rapids, free from disease and green fly; small plants, $1.00 per 1000. Transplanted, $2.50 per 1000. Cabbage, celery, tomato and parsley plants in season.
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Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vincas, flowering, 3 colors, 2-in. pots, $2.50 100; ready for shift. Cash please.
Valley Greenhouse Co., Sewickley, Pa.

Vinca major var., 2¼-in., $2.00. Rooted cuttings, fine, $1.00 per 100. Cash.
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Vinca var., 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

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5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Swanley White violets, well rooted plants at $1.00 per 100, by mail postpaid. The violet grower A. B. Campbell, Cochranville, Pa.

Violets, 2½-in, Campbell and Swanley White, $2.00 100. A. B. Campbell, Cochranville, Pa.

WANTED.

Wanted—1000 rooted or unrooted cuttings of Anthericum vittatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

TO EXCHANGE.

To Exchange—We offer cannas, tuberoses, gladioli, geraniums, rose geraniums, heliotropes and cinerariaa for 2-in. roses, A. plumosus and small palms.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—For rooted carnation cuttings, 100 or less apple trees, 3 years, 6 to 7 feet; vincas from 3-in. pots; winter gem roses, field-grown. G. L. Tyler, Du Bois, Pa.

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Bamboo cane stakes, 8-ft., $6.00 1000.
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Our box sells on its merits.
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Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Wax Flowers and Wax Floral Designs.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

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Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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NICOTICIDE kills all greenhouse pests.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Those RED pots. The right kind.
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Red pots. Write for prices and sample pot.
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POT HANGERS.

CHESSMAN'S ADJUSTABLE POT HANGER. Patent applied for. Fits any size, 85c per doz. The first 100 florists ordering a doz. will receive 6 of our greenhouse hangers free. Order now. Send size of sash bar from drip gutter down. H. C. CHESSMAN, Richmond, Ind.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

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American brand FLORIST FOIL—The standard foil of America.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Wire stakes. All sizes, all lengths.
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Vegetable Forcing.

POMEROY, PA.—M. Darlington's Sons report a yield of 2.68 pounds of mushrooms per square foot of bed in a trial of "pure culture" spawn.

THE MARKETS.

Chicago, Feb. 3.—Radishes, 20 to 40 cents dozen bunches. Lettuce, head, $1 to $4.50 barrel. Lettuce, leaf, 20 to 35 cents case. Cucumbers, 50 cents to $1.25 dozen.

New York, Feb. 2.—Cucumbers, 25 cents to $1.25 dozen. Lettuce, 20 to 50 cents dozen. Mushrooms, 10 to 40 cents pound. Radishes, $1.50 to $3 100 bunches. Tomatoes, 10 to 20 cents pound. Rhubarb, 50 to 75 cents dozen bunches.

A PARSLEY CROP LOST.

Reading the REVIEW I found the note of W. S. Croydon on the cultivation of parsley. I have grown a sash house of parsley 6x80 in this way for six years with good results, but this year we were about six weeks behind with our work in the fall, due to doing so much building and an unusual amount of business during the summer months. I thought it would be better to leave this parsley planting alone and dig up some heavy roots in the late fall and pack away. But the cold weather set in and it froze hard, not having the parsley protected, and in two weeks it thawed. We went out and dug up the frozen clumps and packed in the parsley house, as I call it, it being built for that purpose, but instead of thawing open and growing all winter, as I had expected, it began to rot and now there is nothing left of it. I have almost all the hotels and boarding houses in our town to supply with vegetables the year around and had to cut out the parsley for the past three weeks. Now I shall have to buy a quantity weekly for about three months till my seedlings make foliage.

CHAS. W. EIFLER.

TOMATOES.

I have some very nice tomato plants under glass and would like to have you tell me what you mean by pollination, also if I must remove the first flowers which set on the plants. They have been planted about six weeks and are two feet high and very healthy.

G. P. C.

Pollination is the act of transferring the pollen, a yellow floury substance, from the stamens to the pistil of the flower, where it must be placed before fertilization takes place. Tomato flowers are seldom self-pollinating. Though the pollen and the stigma (the part of the pistil adapted to receive the pollen) mature together, the pistil usually outgrows the stamens, and by the time the pollen is ripe extends so far beyond the stamens that contact is hardly possible. Under natural conditions, where the plants are grown in the open air, the pollen is disseminated by natural agencies, such as wind and insects, but under artificial conditions, as under glass, artificial means must be employed, hence the necessity of hand pollination. The stigma is provided with a sticky substance which holds the pollen whenever it comes in contact with it, and on bright days by shaking the vines the pollen is often liberated, carried around by the air and in this way brought in contact with the stigmas, thus accomplishing pollination. But during the dull, short days of winter pollen is not so freely produced nor so easily set free. Then the only certain method is to transfer the pollen by hand. We find the easiest way to accomplish this is to shake the pollen from the flowers onto a piece of glass and from there transfer it to the pistil with a camelshair brush.

Don't remove the flowers that are already set; the more you can set at an early stage the better. If the plants are healthy there is no danger of this retarding their growth to the extent of doing any harm, though it may assist in keeping the plants from becoming too gross.

W. S. CROYDON.

WANTS TO SEE THE ADVS.

Enclosed find money order for subscription to the FLORISTS' REVIEW. Please send as soon as possible, for we want to see the advertisements for some stock.

J. C. GARDEN & SONS.

MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the REVIEW. Will want to move some other stock a little later.

EDWARD HARRIS.

PACIFIC COAST.

SAN FRANCISCO.—A public exhibition of spring flowers with bulbous bloom as the leading feature, will be given by the California State Floral Society in the grand nave of the Ferry building, March 24 to 26.

PLANT NOTES.

Budded Roses.

Some years ago there were many large rose growers who advertised their roses as being grown on their own roots and made much of the fact that they did not grow nor handle grafted stock. As a consequence the general public, when it became necessary to visit any of our local nurseries in quest of roses with which to adorn their gardens, generally insisted that they be given plants that were grown on their own roots. Although in almost all cases the buyers had not the slightest idea why roses grown this way were more desirable than the grafted article, still they had that idea in their heads and as a consequence generally bought little plants with hardly enough life in them to stand transplanting.

All rose growers know that many of our finest varieties, especially among the tea family, make very few and very poor roots even under the best conditions and it takes usually at least three years before they grow as large as the same variety would grow if budded on some variety of wild stock that is suited to it. In the first place the reader will bear in mind roses are grown outside in California entirely. In the second place also make a note of the fact that we do not graft roses to any extent on this coast. I used the term grafted roses merely because roses are grown that way both in Europe and in our eastern states, but strictly speaking three-fourths of the plants handled here are budded stock.

My reasons for preferring budded roses to those grown on their own roots (except for some strong growing kinds and a majority of the climbing varieties) are that, first, they grow stronger; second, they are longer lived; third, they are easier transplanted; fourth, the roots are not subject to borers and other root pests. In our large rose growing establishments about six different varieties of wild stocks are used on which to bud the different sorts of roses. This represents the results of many years of experience, for we have found that certain varieties do well only when budded on certain varieties of wild roses and to have the most satisfaction from your plants they must mate properly. This is really the most important item in growing budded roses.

Another feature that must not be overlooked is the disbudding of the wild stock. By this I mean the cutting out of all the eyes below where the bud is inserted. This is done after the cuttings are made and before they are planted. This removes the objection that has heaped odium on roses that were grown in any other way than on their own roots. We grow Marechal Niel on this coast five feet high from the bud the first season, and Climbing Niphetos five to six feet high. Such varieties as Caroline Testout, Liberty, Belle Siebrecht, Kaiserin, Meteor and Perle des Jardins, average three feet high the first season and entirely without irrigation. This is as much if not more than any of these kinds will grow in three years under the same conditions if grown on their own roots. This accounts for the fact that our rose growers who force for cut flowers under glass are falling in line and year by year are planting less stock on its own roots and insisting on big strong plants grown without irrigation on some vigorous wild stock. G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

	100	1000
White		
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	3.40	30 00
Gov. Wolcott	3 40	30.00
Norway	1 20	10 00
Lillian Pond	5 00	45.00
Chicot	1 20	11.00
Viola Allen	3.00	25 00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10 00
Mrs. Roosevelt	6 00	55 00
Success	4 00	35.00
Pres. McKinley	5.00	45 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9 00

	100	1000
Scarlet		
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	5.00	45.00
Stella	3 00	25.00
Armazindy	1.00	9.00
Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Mention Review when you write.

Now Ready CARNATIONS For Shipment.

Best and most strongly rooted Carnations on the market.

White.	Per 100	1000	5000
White Cloud	$1.10	$ 9.00	$35.00
Variegated.			
Armazindy	1.00	9.00	35.00
Prosperity	1.40	12.50	60.00

Pink.	Per 100	1000	5000
Marquis	$1.00	$ 9.00	$35.00
Mrs. Joost	1.20	10.00	40.00
Scarlet.			
America	1.20	10.00	40.00

Express prepaid to any destination. Satisfaction guaranteed or your money back.

Loomis Carnation Co., Lock Box 115 Loomis, Cal.

Mention Review when you write.

SAN FRANCISCO.

The Market.

Warm weather during the past week is bringing flowers into market in somewhat larger quantity than for some time past. Freesias are now at their best and are a good selling article for the florists. They are wholesaled at 75 cents to $1 per hundred spikes and retail at about three times that price. Valley is plentiful at $4 per hundred and tulips are selling rapidly at $3 per hundred wholesale. Daffodils are not as plentiful as they should be at this season and they will not be offered in quantity for several weeks yet. The single Trumpet Major is the only variety in bloom at present. All sorts of narcissi are plentiful and cheap. Violets in abundance, the Princess of Wales variety, at 75 cents per dozen bunches are retailed by the thousands daily by the street venders and remind us that spring will be here very soon. Carnations are fairly plentiful except good whites. The best red and pink sorts are selling at $3 per hundred and just about enough to fill the demand nicely. Roses are not in over-supply, but are getting more plentiful daily. The prices rule about the same as those quoted the past two weeks. Lilium Harrisii are not up to the standard in length of stem. They wholesale at $2 to $3 per dozen. Wild maidenhair fern, owing to our continued dry weather, is very scarce and the cultivated variety is short and soft, so that green stuff is not up to the standard. Business outside of funerals is very quiet, nothing except a little wedding work at present.

Notes.

E. Gill, of West Berkeley, has just finished planting thirty-five acres of rose cuttings. Mr. Gill is the largest rose grower on the coast and his sales thus far this season foot up close to half a million plants.

Miss A. Sherling and Miss V. W. Stevens, of Oakland, have formed a partnership to engage in decorating of all kinds. Both ladies are well known on both sides of the bay and have had considerable experience in the florists' line.

Geo. A. Duhem, formerly in the florist business here, is now located in Napa, Cal. G.

THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

THE REVIEW is as necessary to the successful florist, as air and water to his plants.—W. W. NASH, Montrose, Pa.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

A report shows that there are 90,000 acres of orchards in Colorado, with 780,000 acres suitable and available for orchards and small fruits.

The Hopedale Nurseries, Monticello, Ill., recently shipped twelve bushels of acorns to an eastern nursery and 300 pounds of tree seeds to other parties.

C. W. Stuart, of Newark, N. Y., says that in planting an apple orchard his company commonly seeds the tract to alfalfa after the trees are well started.

The West Michigan Nurseries Co., Benton Harbor, Mich., has re-elected as president, J. W. Bedford; vice-president, F. M. Kelley; secretary and treasurer, H. L. Bird; other directors, Milton Preston, W. B. Moshier, A. C. Bird and John E. Bell.

The Pennsylvania Railroad Company has lately completed the work of planting 50,000 young locust trees on land which the railroad purchased a few years ago west of Conewago Station, Pa. An official of the company says that it is the purpose of the company to plant 1,000,000 trees in the next four years. The timber is to be used for railroad ties.

ALABAMA HORTICULTURISTS.

The year-old Alabama State Horticultural Society met in convention in Mobile January 26 and 27, with President Heikes, of the Huntsville Nurseries, in the chair. Professor Mackintosh, the state horticulturist, is secretary. Some very interesting papers were read and discussed, mostly pertaining to fruit and truck farming, spraying and fertilizers. Chas. Pabst, of Ocean Springs, Miss., in his fine treatment on pecan culture, disclosed some heavy frauds in the selling of what are supposed to be grafted and budded pecan trees and put every member on the lookout for such. Professor McKay, Mississippi state horticulturist, gave some most interesting facts about what he got out of a six-acre peach orchard, utilizing the space between the trees for vegetables, which every member, until they heard how he did it, would have considered an impossibility. The meeting on the whole was in every way successful and pleasant. The society is still in its infancy, but bids fair to become a mighty factor in the fruit and vegetable industry of Alabama. It has already succeeded in getting a state law protecting fruit and truck farmers by excluding crop pests of all kinds, and furthermore got an annual appropriation of $1,500 for defraying the expenses incurred through this act. Professor Mackintosh assured us that he will leave no stone unturned to eradicate what pests there are in the state and keep out what we have not yet contracted, and we believe he is the man to do it. H. P. L.

THE MARKET FOR COAL.

The leading coal trade journal, the Black Diamond, reports that while prices have been firm in the east and coal has been difficult to obtain in some cases, in the west the leading markets have been in the dumps. At Detroit, Cleveland, Chicago, St. Louis and Kansas City prices have been receding and there has been an accumulation of coal. Detroit has occupied a somewhat better position, but the recent reduction in prices on some Ohio coals in that market resulted in more or less cutting of prices on the part of other producers. At Cleveland the principal oversupply of coal has been in the steam grades, which have been in excess of actual demand. In the Chicago market all grades of bituminous coal, with the single exception of smokeless, have been considerably lower. "Free" coal from western sources, which has held unusually firm for the past eight months, has participated in the decline and is fully 25 cents lower than it was the first of the year. At St. Louis prices have shaded off 15 to 25 cents and there is a plentiful supply of coal on the east side of the river. Kansas City shippers have managed to maintain prices fairly well, but there is an accumulation of coal on track.

We like the Review better than ever and would not want to do without it—Wm. Dyer, Three Rivers, Mich.

OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of
Fruits and Ornamentals.
40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.
THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

Peterson Nursery,
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PEONIES
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Write for illustrated price list.
Mention The Review when you write.

Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
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Wholesale Growers of **ORNAMENTAL TREES,** Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

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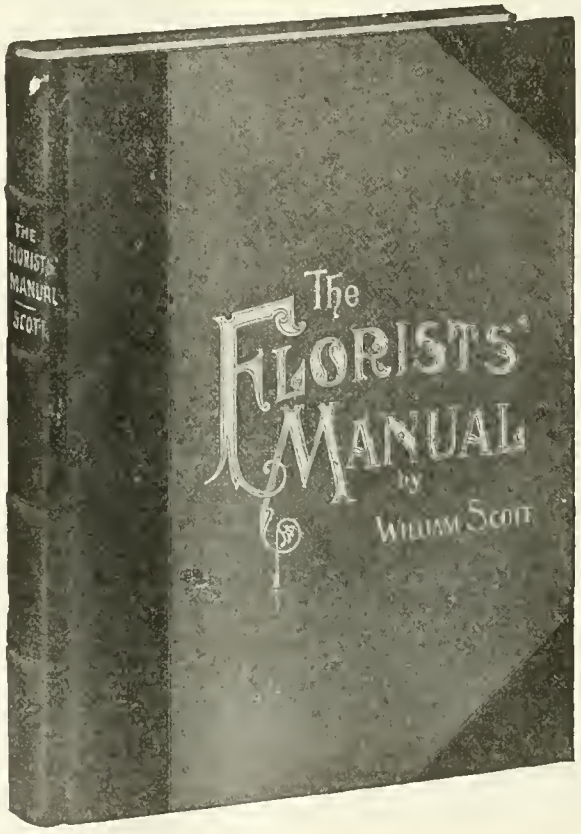

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will make you money by saving you money.
It will help you every day in the year.
It is a complete encyclopaedia of commercial floriculture.
Price, $5.00 delivered.
If inconvenient to pay the full amount at once, write for our monthly payment plan.
FLORISTS' PUB. CO.,
Caxton Bldg., CHICAGO.

ROSE PLANTS

STRONG STOCK from 2½-inch pots.

	Per 100	Per 1000
Uncle John	$20 00	$150 00
Mme. Chatenay	6 00	50 00
Sunrise	5 00	40 00
Liberty	4 00	35 00
Maid	3 00	25 00
Bride	$3 00	$25 00
Golden Gate	3 00	25 00
Ivory	3 00	25 00
American Beauty	6 00	50 00

ROSE CUTTINGS—Well Rooted.

	Per 100	Per 1000
Bride	$1 50	$12 50
Bridesmaid	1 50	12 50
Golden Gate	1 50	12 50
Ivory	$1 50	$12 50
Sunrise	3 50	30 00
American Beauty	3 00	25.00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

WHITE.	Per 100	Per 1000
Reliance	$10 00	$ 80 00
Lady Bountiful	12 00	100 00
Moonlight	10 00	75 00
Her Majesty	5 00	45 00
Gov. Wolcott	4 00	30 00
Boston Market	3 00	25 00
Norway	2 00	15 00
The Belle	12 00	100 00

SCARLET.	Per 100	Per 1000
Crusader	$10 00	$ 80 00
Flamingo	12 00	100 00
Estelle	3 00	25 00
Mrs. Potter Palmer.	3 00	25 00
America	2 00	15 00
VARIEGATED.		
Prosperity	2 50	20 00
Mrs. Bradt	3 00	20 00

VARIEGATED.	Per 100	Per 1000
Marshall Field	$6 00	$ 50 00
PINK.		
Indianapolis	12 00	100 00
Enchantress	6 00	50 00
President McKinley.	6 00	50 00
Mrs. Lawson	2 50	20 00
Mrs. Higinbotham	4 00	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

BENTHEY & CO., 35 Randolph St., Chicago.

Mention the Review when you write.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the followiog varieties: Albatross, Lady Bountiful, The Bell, Mooulight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.

Mention The Review when you write.

THE NEW ASTER OLMSTEAD'S WHITE COMMERCIAL

The result of twelve years' careful work. Send card for circular and read what other people say. It has beautiful half-tone illustrations made from photographs taken in my own field and on the grounds of other growers. **The camera don't lie.** Seed now offered for the first time and only by the originator.

C. A. OLMSTEAD, East Bloomfield, N. Y.

Mention The Review when you write.

WE HAVE GOT THEM!

50,000 YOUNG ROSES

In 2x2½-inch pots. Ready to go out right along. We pack so the cold does not hurt them. The earlier start you get the further along you will be in the spring. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention the Review when you write

FOLEY'S FLORAL FOTOGRAPHS

Send for my Floral Album, size 12x11, containing 24 different funeral designs. Sent to any part of the country by express, $7.00 c. o. d.

226-226½ Bowery, NEW YORK.

Mention The Review when you write.

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger, for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, finest purple, lavender, white and pink sorts, named, 2-year, at 18c; 1-year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine, 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

Mention the Review when you write.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention the Review when you write.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
SUNRISE	5 00	40 00
KAISERIN	4 00	35 00
LIBERTY	$6 00	$50 00
MAID	3 00	25 00
BRIDE	3 00	25 00
PERLE	$3 00	$25 00
GOLDEN GATE	3 00	25 00
IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00
WHITE.		
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

KANSAS CITY.

Reports from all the down-town stores say it was the best January business ever recorded, with flowers scarcer and high priced. Roses are all off crop; carnations just as bad and very high priced. Bulb stock was mostly all forced in for the holidays and is now very scarce. But we are all getting in some fine violets and there are a few good callas and longiflorum lilies on the market, which have been a great help in making funeral work lately. Greenhouse men do not seem to be so busy; not having much to cut they do not get down-town as often. All of them are getting after their spring stock for bedding out in good shape, and are looking forward for a good spring business.

L. M. S.

PRIMULA POISONING.

I see the question constantly croppiug up in the Review as to primula poisoning. Having grown Primula obconica for the last twenty years, I feel something should be said in favor of the maligned plant, especially as cultivation and science have now brought it to such perfection. Years ago we were satisfied with a blossom about half an inch over, but now I have a bed with flowers one and a half inches in diameter and twelve and fourteen on a truss. These are from seeds imported each spring and are easy of cultivation. As to the poisoning, I take little notice of it, as moistened carbonate of soda rubbed on the part affected will allay the irritation directly, and even this could be prevented by wearing leather gloves when handling the plants.

B. B. B.

Butler, Pa.—Ralph Willis, formerly with the Salineville Floral Co., Salineville, Ohio, and now with E. M. Holt here, has been ill with typhoid fever, but is now able to be on duty again.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiaoa State Florists' Association, Jan. 12, 1903 scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit, Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1 50 "	12.50 "
Lorna	2.00 "	18 00 "
Viola Allen	3.00 "	25.00 "
Floriana	2.00 "	18 00 "
Queen Louise	2.00 "	18 00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2 00 "	18 00 "

McKinley.....$3 00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention Review when you write.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50.00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond	5 00	45 00	Harry Fenn	5.00	40 00
Prosperity	2 50	20 00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook	2 50	20.00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention the Review when you write.

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1.
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100, $2.50	Per 1000,	$20.00
The Sport	" 2.50	"	20.00
Mrs. Lawson	" 3.00	"	25.00
Mrs. Higinbotham	" 3.00	"	25.00
Peru	" 3.00	"	25.00
White Cloud	" 2.50	"	20.00
America	" 2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS.
58-60 Wabash Ave., CHICAGO.
Mention the Review when you write.

SPECIAL OFFER

Carnation Cuttings

Ready for Shipment

Our Cuttings are **perfection.** They can't be beat. Having a surplus of the varieties in heavy print, will make special prices for fifteen days. Strong rooted, free from disease.

Pink.	100	1000
Enchantress	$5.50	$50.00
Nelson	3.50	30.00
Lawson	1.50	12.50
Inquirer	2.50	
Dorothy	1.50	
Joost	1.25	10.00
Marquis	1.25	10.00
White.		
Gov. Wolcott	3.50	30.00
Boston Market	3.50	30.00
Innocence	1.50	

White.	100	1000
Glacier	$1.50	$12.50
W. Cloud	1.25	10.00
Flora Hill	1.25	10.00
Scarlet.		
Crane	2.00	18.00
Apollo	3.50	30.00
Estelle	3.50	30.00
Crimson.		
Harry Fenn	3.50	30.00
Variegated.		
Prosperity	1.50	12.50

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.
Mention the Review when you write.

Rooted Carnation Cuttings NOW READY

Enchantress	per 100, $6.00;	per 1000,	$50.00
Lillian Pond	" 5.00	"	40.00
The Queen	" 5.00	"	40.00

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries, - Larchmont, N. Y.
Mention the Review when you write.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS.

	Per 100	1000
Enchantress, lt. pink	$5.00	$45.00
Wolcott, white	3.50	22.00
2000 and over		22.00
Lawson, pink	1.50	12.00
2000 and over		11.00

WE NEED ROOM.

	Per 100	1000
Prosperity, var.	$2.00	$18.00
Lillian Pond, white	3.00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00

	Per 100	1000
Joost, pink	$1.50	$12.00
Higinbo'am, lt. pink	1.50	12.50
Harlowar'en, scarlet	3.00	
Lorna, white	2.50	20.00

Prices in 2½-inch stock on application.

Booking orders for 2½-inch roses and mums, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Mention Review when you write.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.

Mention The Review when you write.

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery.
$1.25 per doz.; $8.00 per 100; $70.00 per 1000.
Also Rooted Cuttings of Enchantress, $6.00 per 100. **G. M. NAUMANN,** 1537 Dean St., Cleveland, O.
Mention the Review when you write.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.
$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of
SLINN & HUGHES, Coogan Bldg., New York City.

Mention the Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.
Mention the Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

CINCINNATI PREMIUMS.

The Cincinnati Florists' Society will hold a special exhibition of roses at the club rooms at the Jabez Elliott Flower Market on Saturday, February 13. For vases of twelve American Beauties premiums of $10, $6 and $3 are offered. There are three premiums, $4, $3 and $2 for each of the following varieties: Twenty-five blooms Maid, Bride, Meteor, Perle, Gate, Ivory and Liberty. For violets, $6, $4 and $3 is scheduled for best displays, and the best display of roses gets $10.

On March 12 there will be a special exhibition of carnations with premiums of $5, $4 and $3 for the three best vases of each color, fifty blooms. The best display gets $10, and for twenty-five seedlings $4, $3 and $2 is offered.

The S. A. F. silver and bronze medals are offered for novelties at each of these meetings.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

F. R. Pierson Company, Tarrytown, N. Y., submit for registration: Carnation Daheim; color, Harvard crimson; form, compact; built high in center; size, three and one-half inches in diameter; fragrance, strong clove; habit, very robust, in way of Mrs. Lawson; stems heavy and rigid, free bloomer.

Wm. J. Stewart, Sec'y.

Niles, O.—On January 23 high water flooded the boiler pit at the greenhouses of Charles Adgate and all the stock was frozen.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
Goodenough	2.00
White Cloud	1.50
Flora Hill	1.50
Red.	
Adonis	6.00
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Enchantress	$6.00
Success	4.00
Mrs. Higinbotham	5.00
Cresshrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES.

Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

Send for circular.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

CARNATION CUTTINGS

NOW READY—ROOTED IN THE COLD.

	100	1000
Queen Louise, white	$1.20	$10.00
Flora Hill, white	1.20	10 00
G. H. Crane, scarlet	1 20	10.00
Mrs. Palmer, scarlet	1.20	10 00
Mrs. Lawson, pink	1.40	12.50
Mermaid, pink	1.20	10.00
Eldorado, yellow	1.00	9.00
Prosperity, variegated	1.40	12.00

5 per cent. discount on $ 5.00 orders.
10 " " 10.00 "

Burbank's Shasta Daisy Seed, new crop 20c per 100, $1.25 per 1000 $8.00 per oz.

Strong Smilax Seedlings, 60c per 100.

Cash with order. Express prepaid.

THE KNOLL NURSERIES, Loomis, Cal.

Mention The Review when you write.

DECORATIVE PLANTS

PALMS

ARECA LUTESCENS.

	Plants in pot.	In. high.	Per doz.	100
3-in. pots,	2	12 to 15	$1.25	$10.00
4-in. "	3	15 to 18	3.00	20.00
5-in. "	3	18 to 24	5.00	40 00
6-in. "	3	28 to 30	1.00 each.	
7-in. "	3	30 to 36	1.50 "	
8-in. "	3	36 to 42	2.50 "	
10-in. "	3	48 to 54	10.00 "	

COCOS WEDDELIANA.

A grand lot of 3-inch pots, 10 to 12 inches nigh, $2.00 per dozen, $15.00 per 100, $140.00 per 1000.

LATANIA BORBONICA.

	Leaves.	In. high.	Per doz.	100
3-in. pots,	5 to 6	12 to 15	$1.00	$8.00
4-in. "	5 to 6	15	2.50	20.00
6-in. "	5 to 6	18 to 20	6.00	50.00

KENTIA BELMOREANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in; "	5 to 6	15 to 18	4.50	35.00

KENTIA BELMOREANA.

	Leaves.	In. high.		
6-in. pots,	6	20 to 26	$1.00 each.	
6-in. "	6	28 to 30	1.25 "	
6-in. "	6 to 7	30 to 36	1.50 "	
7-in. "	6 to 7	30 to 36	2.00 "	
8-in. "	6 to 7	36	2.50 "	

KENTIA FORSTERIANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00
6-in. "	6	28 to 30	1.00 each.	
6-in. "	6	30 to 32	1.25 "	
6-in. "	6	32 to 36	1.50 "	
7-in. "	6	36	2.00 "	
8-in. "	6	42	2.50 "	
8-in. "	6 to 7	4 ft. high,	4.00 "	
8-in. "	6 to 7	4 to 4½ ft. high,	5.00 "	
9-in. "	6 to 7	5½ to 6 "	6.00 "	
10-in. "	6 to 7	5½ to 6 "	7.50 "	
10-in. "	6 to 7	5½ to 6 "	10.00 "	
10-in. "	6 to 7	6 "	12.50 "	
12-in. tubs,	6 to 7	7 "	20.00 "	
12-in. "	6 to 7	7 to 8 "	25.00 "	

MADE-UP KENTIA FORSTERIANA.

	Plants in pot.	In. high.	Per doz.	100
4-in. pots,	3	15	$4.00	$30.00
5-in. "	3	18 to 20	6.00	50.00
12-in. "	3 to 4	5½ to 6 ft. high,	12.50 each,	
	Plants in tubs.	Ft. high.	Each.	
12-in. tubs,	3 to 4	6 to 7	$15.00	
12-in. "	3 to 4	7 to 8	20.00	

The plants at $15.00 and $20.00 each are the best values we have ever sent out in decorative plants. They will be found an excellent investment.

PHOENIX CANARIENSIS.

A fine lot of shapely, well-furnished plants of this useful, hardy decorative Palm in light wooden tubs, 3 feet high, $5.00 each.

FERNS FOR DISHES.

	For immediate use.	100	1000
2¼-inch pots, assorted varieties		$3.00	$25.00
3-inch " " "		6.00	

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

NEW LIGHT PINK CARNATION

New Daybreak

To the commercial grower who is looking for profit

This variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed out appearance at any time of the year.

A fine keeper and shipper.

Price **$3.00** per dozen,
$12.00 per 100,
$100.00 per 1000.

Other new and standard varieties.

CHRYSANTHEMUMS

The best new American and foreign varieties and best standard sorts.

Write for price list.

H. WEBER & SONS

OAKLAND, MD.

Always Mention the....
Florists' Review
When Writing Advertisers.

ROSES. ROSES.

Beauties, Rooted Cuttings, **$3.00** per 100; **$25.00** per 1000. 2¼-inch, **$6.00** per 100; **$50.00** per 1000.

BRIDES, BRIDESMAIDS, METEORS, IVORIES, LIBERTIES, PERLES, 2¼-inch pots. **$3.00** per 100; **$25.00** per 1000.

ROOTED CUTTINGS, - - $1.50 per 100; $12.50 per 1000.

ALL STRICTLY A-1 STOCK. PERFECT SATISFACTION GUARANTEED ON ALL ORDERS.

J. F. WILCOX, = Council Bluffs, Iowa.

Mention the Review when you write.

CARNATION CUTTINGS

We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12 00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. **BILLERICA, MASS**

Mention the Review when you write.

The Queen Carnation.

Best Commercial White, grand stock.
Rooted Cuttings, $5.00 per 100; $45.00 per 1000
Send for list of **New "MUMS."**

CHAS. H. TOTTY - MADISON, N. J.

Mention the Review when you write.

CARNATION CUTTINGS.

	100	1000		100	1000
The Queen	$5.00	$40.00	Floriana	$3.00	$25.00
Mrs. Lawson	3.00	25.00	Gen. Maceo	3.00	25 00
Mrs. Bradt	3.00	25.00	Roosevelt	3.00	25.00
Fair Maid	3.00	25.00	Prosperity	3.00	25.00
Lorna	3.00	25.00	CASH WITH ORDER.		

THREAD CITY GREENHOUSES,
THOS. W. SOUTHWARD, WILLIMANTIC, CONN.

Mention the Review when you write.

CARNATION ROOTED CUTTINGS

Selection of stock made from thirteen carnation houses. We grow for the wholesale as well as the retail cut flower trade, and grow a large selection of the best varieties in commerce. First prize taken at the Indianapolis Flower Show of 1903 for the largest collection of carnations.

	Per 100	1000		Per 100	1000
Nelson Fisher	$12 00	$100 00	Gaiety	$3.00	$25.00
Mrs. Patten	12 00	100 00	Stella	3.00	25.00
The Belle	12 00	100.00	Lawson	2.50	20.00
Lady Bountiful	12.00	100.00	Morning Glory	2.50	20.00
Flamingo	12 00	100 00	Glacier	2.50	20 00
Adonis	8 00	70 00	Marquis	2 50	20 00
Enchantress	6.00	50.00	Dorothy	2.50	20.00
Boston Market	4.00	35.00	Gov. Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Gov. Wolcott	4.00	35.00	Lorna	2.00	17.50
Pres. McKinley	3.50	30.00	Norway	2.00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana	3.00	25 00	Success	2.00	17.50
Innocence	3 00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	White Cloud	1.50	12.50
G. H. Crane	2.50		Bradt	3.00	

GERANIUM CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

ASPARAGUS

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, 2-inch pots	1.50
Geraniums—10 varieties	3.00
Coleus—10 varieties, 2-inch	2.00
PANSY PLANTS	.50
	$2.50 per 1000

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

New Crop Asparagus Plumosus and Sprengeri Seed. WRITE FOR PRICES.

Carnation Cuttings.
Healthy, Well-rooted Stock.

	100	1000
Lillian Pond, Her Majesty, The Queen	$5.00	$40.00
Enchantress, Gov. Lowndes	6.00	50.00
Nelson	3.50	30.00
Fair Maid, Lawson, Prosperity and Golden Beauty	3.00	25.00
Queen Louise, Melba, Crane	2.00	18.00
Adonis	8.00	.....
Mrs. Roosevelt, McKinley and Marshall Field	5.00	.....

Carnation Cuttings.	Per 100	1000
Estelle	$4.00	$30.00
Gov. Wolcott	4.00	.....
Joost and Flora Hill	1.50	12.00

Can also furnish all other good varieties.

Grafted Roses on Manetti Stock.

	100	1000
Bridesmaid, Bride	$15.00	$120.00
Golden Gate and Ivory	15.00	120.00
Franz Deegen	15.00	120.00

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Cocos Weddeliana.
Good strong plants in 3-inch pots...$15.00 per 100

Asparagus Plumosus.
2¼-inch pots.....$3.50 per 100; $30.00 per 1000
3 " " ..... 6.00 " 55.00 "

We have an exceptionally fine lot of Areca and Kentia Belmoreana, made-up plants, in 6-in., 8-in. and 10-in. pots. Extra fine Kentias in 12-in. tubs. Write for prices.

SAMUEL S. PENNOCK, 1612 LUDLOW STREET, PHILADELPHIA.

Mention the Review when you write.

THE READERS' CORNER.

Coal and Firemen.

Ed. Review:—In the last issue of the Review I note the remarks of Gesler & Drury about coal consumption. Tell them to quit burning slack coal unless it is Pocahontas slack and they will, with a good fireman, one who understands his business, cut down their coal bill one-half. Run of mine Pocahontas coal, if one understands how to fire with it, is the best coal for greenhouse use; I know this from experience. I have been burning it for three years as night fireman, and would not fire for anyone unless they used Pocahontas coal. It took me about two weeks to learn how to use Pocahontas run of mine. I had two boilers, same make each, eighty-four 3-inch flues sixteen feet long; could be connected or disconnected according to weather, and 45,000 feet of glass, or nineteen houses. Had to hold thirty-five to forty pounds of steam steadily and could make fire last from three-quarters of an hour to one and a half, and even to two hours, according to weather with Pocahontas coal. (Prefer some lump mixed with slack.) A firm can save more coal and more money, no matter what kind of weather, warm or cold, if the night man does not have anything to do but to tend to his fires and houses, which is enough and what he is really hired to do. But many places have the night man do some potting, boxing, cutting of flowers to get an early start, wash pots, do disbudding and often get in soil, etc. By doing this he will naturally neglect his houses and fire also. For instance, if I think my fire needs tending I go to see; perhaps it will last about a half hour longer, but to avoid another extra trip I will fix it then, thus losing, say, six to twelve shovels of coal. Who is out? Nobody but the firm. That is the case in many places today, and then they wonder why they need so much coal. He gets these little jobs, as the boss says, to keep awake. A good man will never sleep and neglect his fires and houses. I know I won't and I never hear any complaint about the houses or coal bill. M. K. S.

In the advertisement of W. W. Barnard & Co., Chicago, last week it was intended to quote pansy seed, Barnard's Florists' Mixture, at 25 cents per trade packet, $1 an eighth ounce and $7 an ounce.

West Haven, Conn.—A. J. Thompson has a sport from the Farquhar violet which he has grown for three years and finds comes true in color, which is a distinct shade of light blue and very attractive. The quality of his blooms shows that his stock is doing well this season.

ARAUCARIA EXCELSA, 6-in. pots 20 23, 25 in. high, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots 28 to 35 inches high, 25 to 32 inches across $2.50 to $3 00 each, worth $10 00 retail: 5¼-in. pots, 40c to 50c.
Dracaena Bruanti, 6-in. pots, 20 to 25 inches high, to make room for Easter plants, cut down from 50c to 35c.
Ficus Elastica, (Rubber Plants), 6-in. pots, from 20 to 28 inches high, at $3 00, $4.00, $5.00, $6.00 per doz.
Begonia Pres. Carnot, 6-inch pots, $2.50 per doz., in bud and bloom. Other varieties, mixed, 4-inch, $1 80 per doz.
Cyclamen in bud and bloom, 4-inch, $2.00 doz.
Primula Obconica in bloom, $1.80 doz.
Cinerarias, large, 4-inch, $8 00 per 100.
Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.
Mention The Review when you write.

GEO. A. KUHL
PEKIN, ILL.
GROWS
Roses, Carnations, Coleus, Boston and Pierson Ferns, Geraniums, Primrose Obconica, Cinerarias, etc., FOR THE TRADE.
WRITE HIM.
See advs. in last issue. Mention Florists' Review.

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1657 Buckingham Place, CHICAGO, ILL.
Send for Price List on all
Palms and Ferns

100,000 Pansies.
Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted. 50c per 100; $3.50 per 1000; from cold frame. **ASPARAGUS PLUMOSUS,** from flats, ready for potting, $2.00 per 100; $18.00 per 1000.
Samuel Whitton, 15-17 Gray Ave., **Utica, N. Y.**
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LIGHTNING FLOWER POT WASHER
Washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct **$15.00** net, f. o. b. Joliet.
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Tells You What You Want to Know in the Way You Want to be Told.

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COLEUS, Verschaffeltii, Golden Bedder and Firebrand	$0.75 per 100	6.00 " 1000
Ten best sorts, bright colors, in variety	.60 " 100	5.00 " 1000
CUPHEA, CIGAR PLANT	.60 " 100	
SALVIAS, Splendens and Bonfire	1.00 " 100	9.00 " 1000
HELIOTROPES, Light and dark	1.00 " 100	9.00 " 1000
ARGERATUM, Stella Guerney	.60 " 100	5.00 " 1000
LOBELIAS, Fancy Blue (the best)	.60 " 100	5.00 " 1000
WATER IVY	.60 " 100	
SWEET ALYSSUM, Giant Double	60 " 100	5.00 " 1000
MARGUERITES, White and Yellow	1.00 " 100	
CHRYSANTHEMUMS. "Estelle," the best Early White, true stock	1.50 " 100	12.00 " 1000

All strong, well rooted; well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage.
Cash with order, please.
"CRITCHELL'S," AVONDALE, CINCINNATI, O.

CANNAS
We devote a large acreage of ground to the cultivation of cannas and our list of varieties is complete, including all the novelties and standard kinds. Prices as low as any for first-class stock. Write for price list.
Wagner Park Conservatories,
SIDNEY, OHIO.
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ROOTED CUTTINGS
PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyasum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later
Cash with order. Write
S. D. BRANT - - - CLAY CENTER, KAN.
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Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.
JOHN BROD, Wholesale Florist, **NILES CENTER, ILL.**

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Words of Wisdom

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WM. F. KASTING.....481 Washington St., Buffalo, N. Y.
JOHN H. DUNLOP.....5 W. King St., Toronto, Ont.
WM. BRINKER.....329 Prospect St., Cleveland, Ohio
MICHIGAN CUT FLOWER EXCHANGE, 26 Miami Ave., Detroit, Mich.
E. H. HUNT.....76-78 Wabash Ave., Chicago, Ill.
HOLTON & HUNKEL.....457 Milwaukee St., Milwaukee, Wis.
ST. LOUIS SEED CO.....615 N. Fourth St., St. Louis, Mo.
BARTELDES & CO.....1521 15th St., Denver, Colo.
E. W. McLELLAN & CO., 144 Union Sq. Ave., San Francisco, Cal.

DETROIT NICOTINE CO., Detroit, Mich.

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Pot-Grown Plants. Finest Quality.

Bostons—2½-in., $3 50; 3-in., $8.00; 4-in., $15 00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni—Strong rooted runners reduced to $5.00 per 100. 2½-in., $8 00 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

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Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2-inch .50 "

Send for **Cryptomeria Japonica** circular; we are headquarters for it.

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American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

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Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

Price list for the asking.

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GladiolusBulbs

My XX stock is the best obtainable, have been selected from choice named varieties of Gandavinsis, Lemoine, Nanceianus Childs and choice seedlings. Send postal for account of it.

M. CRAWFORD, Cuyahoga Falls, Ohio.

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From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthers, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00.	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid.		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pompon Chrysanthemums, large flowering or Aster varieties, $5.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.		
Coleus, 15 varieties....per 1000 $15 00.	40c	2.00
Dahlias, roots $5.00 per 100; $40.00 per 1000. List of varieties on application.		
Fuchsias, in variety	50c	2 50
Hardy English Ivy....per 1000, $15 00.	40c	2.00
Hardy English Ivy, rooted cuttings.. ..		.75
Heliotrope, in variety	40c	$2 00
Hibiscus, in assortment.	60c	4.00
Forget-Me-Nots, large flowering....	40c	2.00
GERANIUMS, such varieties as Centaur, Gillean M. Gill Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant Queen of the West, Single Gen. Grant etc	40c	2.00
Holt's Mammoth Sage, per 1000 $15 00,	40c	2.00
Lemon Verbena.... ...per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Mounvines, blue	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Smilax.....per 1000 $15 00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Roses**	40c	2.00
Tritoma Pfitzeri, 2½ inch pots.....	75c	4.00
" **Uvaria**, 2¼-inch pots.....	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

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DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, **Troy Hill, Allegheny, Pa.**

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Geraniums..

Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.

VINCAS—Variegated, from 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention the Review when you write.

SEASONABLE STOCK.	Per 100
Geraniums, all leading varieties, mix.. 2½in.	$2 25
Rose Geraniums, 2½-in	2 50
Ivy Geraniums 2-in	2 00
Petunias, all colors, mixed, 2 in	2 00
Heliotropes, Jersey Beauty 2-in	2 25
Pelargoniums, mixed varieties, 2½-in	3 00

Rooted Cuttings—Feverfew, Vinca Var., Coleus and German Ivy, $1.00 per 100. Cash please

CONVERSE GREENHOUSES, Webster, Mass.

Mention Review when you write.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00. 8 in pans $50 00 per 100. **Asparagus Sprengeri**, 4-in. $6 00 per 100. **Dracaena Indivisa**, 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

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JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock Send for particulars.

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WIRE DESIGNS MADE UP-RIGHT

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

MANUFACTURERS.

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GRAND RAPIDS.

We are having the most severe weather experienced in the past eighteen years, the thermometer ranging from 4 to 16 degrees below zero. On January 24 a furious snow storm raged. The greenhouses are covered with snow and frost. It is poor growing weather and a harvest for the coal man. Yet we have this to be thankful for: coal can be obtained. All one has to do to keep warm is to shovel in the money.

Notwithstanding the rough weather, business continues good, shipping orders steady and large, with no apparent end to funeral work. Roses are away off crop and unobtainable, as the normal demand is far in excess of the supply. Carnations are blooming freely, but are no more than equal to the demand; except on occasional days they are almost as scarce as roses. Harrisii are equal to the local demand. Paper Whites move very slowly. Tulips and narcissi appear in the downtown stores, but as yet of poor quality. Romans are fine and sell well. Violets are selling fairly well. On a whole business is in a good, healthy state.

Recent visitors: Harry Bunyard, A. L. Vaughan, C. Wayne Ward, F. Meyers and a representative of the Ionia Pottery Co. G. F. C.

NEW BRIGHTON, PA.

August Meyer's greenhouses are now a total ruin. He was visited by the flood that swept the Ohio valley. The water flooded his boiler room and drowned the fire out and very nearly all his plants were frozen. Mr. Meyer, with a force of men, tried to get the water out of the boiler room in order to start the fire, but it was too late. His loss will reach over $2,000. Thousands of geraniums, coleus, heliotropes, ageratum, etc., were lost. His carnation houses and asparagus and calla beds were a total ruin. Mr. Meyer is an industrious man in business and having had such bad luck it would be in order for some of our brother florists to send him some plants to help him start in business again.

DAYTON, O.—C. M. Schaefer is handling pot plants only for the present, with one house 14x40.

BELLAIRE, O.—George W. Kiger has a house all ready for glazing as soon as the weather will permit.

Help for Florists!

If you are troubled with Bugs and want to get more out of the business than they do and have not yet used

NICOTICIDE BUG KILLER

Just send us your name and address and that of your dealer and we will make you an attractive and interesting proposition.

Tobacco Warehousing and Trading Company,
1004-1006 Magnolia Avenue,
Louisville, Kentucky.

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PELARGONIUMS Named varieties, large plants, 2½-in. to 3-in. pots, $3.50 per 100; 25 at 100 rate. **Pansy Plants,** large lowering, nice, stocky plants $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias,** separate colors mixed, $3.00 per 100. CASH, PLEASE.

HENRY ERNST & SON,
WASHINGTON, MO.

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SHAMROCK
....IRISH....

Strong and fine plants. Better order early. $4.00 per 100; or 60 cts. per doz., by mail.

VERBENA Seed. New French Mammoth, the finest Giants grown. 1000 seeds, 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses.

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ROOTED CUTTINGS—ROSES.

	100	1000
American Beauty	$3.00	$30.00
Bride, Maid, Ivory, Gate	1 50	12 00
Perle, Kaiserin, Meteor, Can. Queen	2 50	22.50

Place your order for 2½-inch or 3-inch stock later delivery. We guarantee this strongly-rooted healthy stock, and extra good value.

Twenty leading varieties of Stock Mums and Root Cuttings at lowest ratee. Boston Ferns $4.00 to $35.00 per 100. In excellent condition.

W. H. GULLETT & SONS, Lincoln, Ill.

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ORCHIDS.

Just arrived in superb condition a large shipment of DENDROBIUM NOBILE, the most useful for florists; also Dend. Chrysanthum and others. To arrive—CATTLEYA TRIANAE and C. GIGAS.

Lager & Hurrell, Growers and Importers... Summit, N. J.

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KNOWN EVERYWHERE FOR SUPERIORITY.

SPECIAL STYLE No. 616.
9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER
Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the McCRAY is Guaranteed Absolutely Satisfactory. Thousands testify to its merits.

Mention this Journal and we will send you the following catalogues: No. 39, for Residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70, for Florists.

McCRAY REFRIGERATOR CO.

316 Mill Street, Kendallville, Ind.

Branch Offices and Salesrooms: Chicago, 55 Wabash Ave; St. Louis, 404 N. Third St; San Francisco 122 Market St.; Pittsburg, 7 0 Penn Ave.; New York, 311 Broadway; Detroit 305 Woodward Ave.; Columbia, S. C., 1210 Main St., Boston, 52 Commercial St.; Columbus, O., 356 N. High St.

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THE ARNDT
Tree Protector
A perfect, inexpensive protection against all creeping and crawling insects. Agents wanted everywhere.
☞ WRITE AT ONCE.
MICHIGAN CUT FLOWER EXCHANGE,
WM. DILGER, Mgr.
Sole Distributors. **Detroit, Mich., U. S. A.**
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Florists' Foil

AMERICAN BRAND
PLAIN, EMBOSSED, COLORED.
Violet and Rose Foil a Specialty.
MANUFACTURED BY
The John J. Crooke Co. 155 to 163 Ave. D, NEW YORK.
Established 1850. 149 Fulton St., CHICAGO.
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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000... $6.25. Sample free
For sale by dealers.
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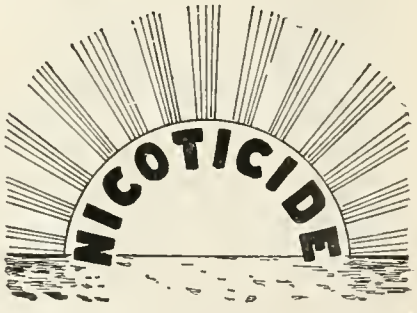
SIGMUND GELLER

108 W. 28th St. NEW YORK CITY
Telephone No. 1747 J, Madison.
Importer, Jobber and Manufacturer of **Florists' Supplies**



Rustic Work

OF EVERY DESCRIPTION.
We are the largest manufacturers of rustic work in the United States. Special discount to the trade. Send for catalogue and prices. Special work made to order.
DUNNE & CO., 54 W 30th St., New York.
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MODEL EXTENSION
Carnation Supports.

ALSO
Wire Rose Stakes and Tying Wire.
Igoe Bros., Manufacturers, **226 North 9th St., Brooklyn, N. Y.**

Best Bug Killer & Bloom Saver.

Tobacco Warehousing & Trading Company, Louisville, Ky.

Fumigating Kind Tobacco Powder KILLS ALL APHIS IN ONE NIGHT in a house 100x25 ft., at a cost of 10c. A 5 lb. trial pkg. will cost nothing if you will pay the express charges on it. Our booklet tells of it. Write Dept. D. for it.
The H. A. STOOTHOFF COMPANY
116, 117, 118 West St., N. Y. City
Mention The Review when you write.

Commercial Violet Culture.

BY B. T. GALLOWAY.
This is the Second Edition of this very successful book, revised and brought up to date.
Fully illustrated and handsomely printed.
Sent postpaid on receipt of $1.50.
FLORISTS' PUBLISHING CO.
520 Caxton Building, 334 Dearborn St., **Chicago.**

YOU will find...
ALL the **BEST** offers **ALL** the time in the Review's Classified Advs.

RADIATION.

We wish to ascertain how best to heat three rose houses, one 25x60, the others 20x60. All are even span, with glass sides and ends. We need 65 degrees indoors when the outside temperature is 20 below zero. The source of heat is a fifty horse-power tubular boiler set about a foot below the level of the return. It is also used to heat a house 20x67, one 20x50, one 20x125 and a dwelling and office with about 125 feet of radiation in each. The fuel is steam coal. What size of pipe is best for radiation in all the houses? W. F. C.

The rose house, 25x60, will require about 375 feet of radiation, equal to 862.5 lineal feet of 1¼-inch pipe when the boiler is working under ten pounds' pressure. Each of the houses, 20x60 feet, will require 300 feet of radiation, equal to 690 feet of 1¼-inch pipe. The house, 20x67 feet, will require 325 feet of radiation, or about 750 feet of 1¼-inch pipe, while the house, 20x50 feet, requires 240 feet of radiation, or about 552 feet of 1¼-inch pipe. The house 20x125 feet takes 600 feet of radiation, or 1,380 lineal feet of 1¼-inch pipe. In addition to the above each of the houses should be provided with a 2-inch riser or supply pipe running from the boiler to the far end of the house, then divide into coils under the benches which shall contain not less than the number of lineal feet of pipe specified for each house. I judge that one of the chief difficulties with this plant lies in the fact that the boiler is not far enough below the level of the returns. If the returns can be raised or the boiler lowered, results will be much better. If neither of these is possible a steam trap or siphon pump will overcome the difficulty. L. C. C.

CATALOGUES RECEIVED.

Peter Henderson & Co., New York. N. Y., seeds and plants; H. N. Hammond Seed Co., Bay City, Mich., seeds; T. R. Watson, Plymouth, Mass., nursery stock; F. Dorner & Sons Co., Lafayette, Ind., carnations; W. E. Caldwell Co., tanks and towers; Barr & Sons, London, England, seeds; Nathan Smith & Son, Adrian, Mich., chrysanthemums, etc.; F. C. Heinemann, Erfurt, Germany, seeds; G. R. Gause, Richmond, Ind., roses and plants; L. A. Watkins Co., Denver, Colo., seeds; Henry Philipps Seed & Implement Co., Toledo, O., seeds.

Niles, Mich.—The Michigan Central railroad has just completed another large greenhouse here.

"Music hath charms" so has the GREENHOUSE MATERIAL produced by THE FOLEY MANUFACTURING CO. —471 W. 22 ND ST. CHICAGO— Cypress woodwork & Hot-Bed sash, Tennessee Red Cedar posts FOLEY ventilating Apparatus & hardware specialties Galvanized screw eyes, screwhooks, turnbuckles & wire Send for free illustrated catalogue !!!

Improved Recording Thermometer
JUST THE THING
FOR YOUR GREENHOUSE

No. 200.
Send for catalogue and prices.
THE HELIOS-UPTON CO.,
PEABODY, MASS.

ADAM SCHILLO LUMBER CO.
Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.
ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.
Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.
Cor. Weed and Hawthorne Ave., CHICAGO, ILL.
TEL. NORTH 1626 AND 1627.
References given from the leading Florists of Cook County.

CUT FLOWER BOXES.
WATERPROOF. Corner Lock Style.
The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always.

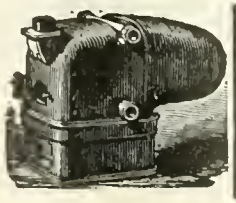
Size No. 0	3x4 x20	$2.00 per 100;	$19.00 per 1000
" No. 1	3x4½x16	1.90 "	17.50 "
" No. 2	3x6x18	2.00 "	19.00 "
" No. 3	4x8x18	2.50 "	23.00 "
" No 4	3x5x24	2.75 "	26.00 "
" No. 5	4x8x22	3.00 "	28.50 "
" No. 6	4x8x28	3.75 "	36.00 "
" No. 7	6x16x20	5.50 "	54.00 "
" No. 8	3x7x21	3.00 "	28.50 "
" No. 9	5x10x35	6.50 "	62.00 "
" No. 10	7x20x20	7.50 "	67.00 "
" No. 11	3½x5x30	3.00 "	28.50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.
The Livingston Seed Co., Columbus, O
Box 104.

The Standard Ventilating Machinery
The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.
The New Duplex Gutter
Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.
The Standard Return Steam Trap
It has no equals for simplicity or its working. Catalogue free.
E. HIPPARD, Youngstown, Ohio.

Ventilating Apparatus
WITH THE
WOLF IMPROVED SYSTEM.
We are now operating houses 50 to 740 feet long.
Is especially adapted for long houses and operates same from either the end or center.
Send for catalogue which contains references and a large list of houses with lines of sash 200 to 740 ft. long operated by single machines.
Prices 10 to 30 per cent. cheaper with a ten-year guarantee.
A. Q. WOLF & BRO.
Office, 329 River Street, DAYTON, OHIO.
Mention Review when you write.

High Grade BOILERS
Get our Catalogue. For GREENHOUSES.
STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.
Mention the Review when you write.



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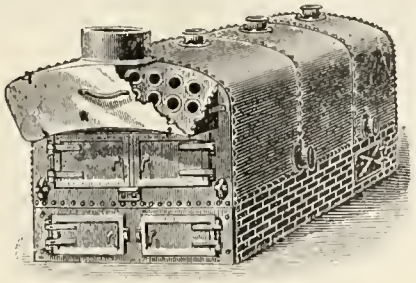
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

SPECIAL DISCOUNT ALLOWED ON ALL ORDERS RECEIVED DURING FEBRUARY

IF YOU want a boiler for next season we will book your order now, build the boiler and have it ready for you when you want it. You need not pay for boiler until it is delivered.



These Boilers are made of

STEEL PLATE,

therefore will not cause trouble and expense on account of **cracking of sections, repacking, etc.,** which happens so frequently with cast iron boilers.

Great Fuel Saver

GALENA, ILL., Jan. 28 1902.

KROESCHELL BROS. CO.:—The boiler I bought of you is giving perfect satisfaction. When the thermometer stood at **30 below zero** this morning I could hold the **temperature at 60 very easily** with a **saving of at least 25 per cent of coal.** It is without a doubt the finest hot water boiler in the land, as it will heat about **double the amount of glass** that other boilers do with the **same amount of coal.** It has proved so satisfactory that I must express my feelings.

B. F. VANDERVATE.

CHICAGO, Dec. 1, 1903.

KROESCHELL BROS. CO.:—The two No. 4 boilers you installed in my greenhouses at Hartland, Wis., did very satisfactory work last winter. I had been using cast iron boilers previously, but threw them out to put in your steel boilers. Your boilers have done better than I had expected; they require **less coal, and much less attention than did the cast iron boilers.** I estimate the saving in coal with your boilers was about 15 per cent. To anyone desiring a perfect greenhouse boiler, I would certainly recommend yours.

JAMES A. KIRK.

PHILADELPHIA, Feb. 27, 1903.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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WHILE I take other trade papers, the REVIEW is my standby; could not do without it.—ETTA J. NOTT, Charleston, Ill.

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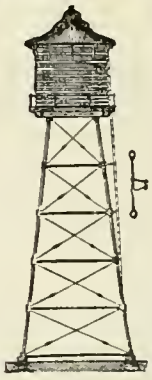

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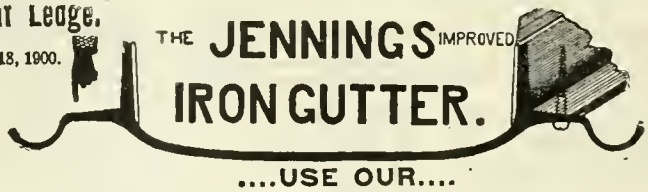

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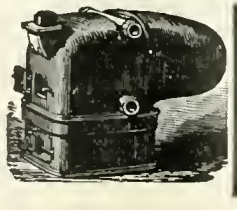

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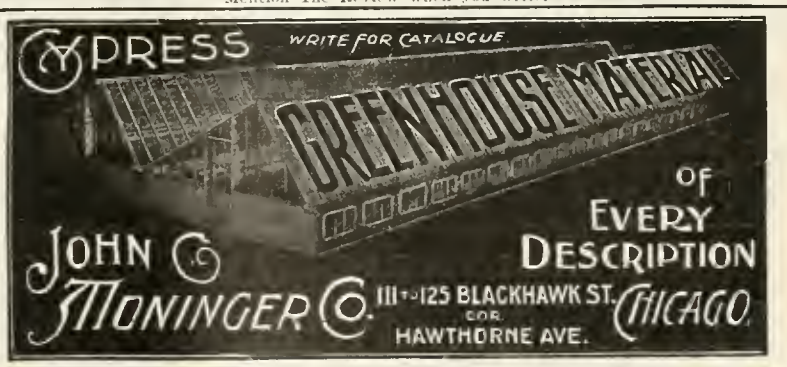

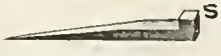

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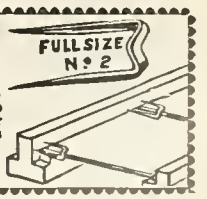

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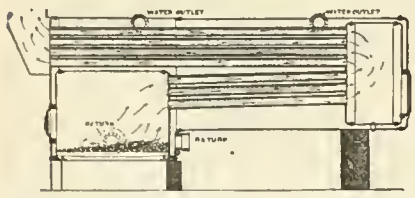

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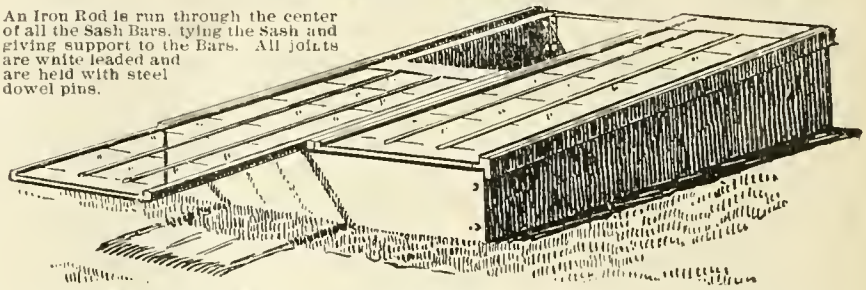

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GREENHOUSE CONSTRUCTION SUPPLIES
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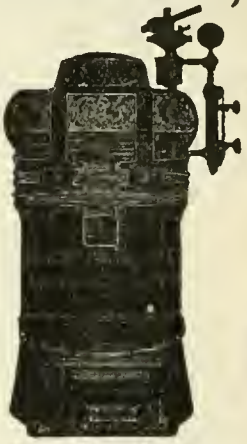

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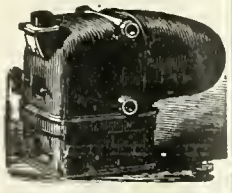

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Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus
Send Four Cents for Catalogue.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

Always mention the Florists' Review when writing advertisers.

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, FEBRUARY 11, 1904. No. 324.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

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AT LOWEST MARKET PRICES.

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Pachdial, Paladan, Tolstoi, Richmond Queen and Willy. The five for $1.25.

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ASTERS—Queen of Market, separate colors	10c	20c
" Semple's Branching, " "	10c	20c
COBEA Scandens, purple	10c	30c
DAISY—Longfellow and Snowball	25c	
LOBELIA—Crystal Palace Comp	15c	$1.00
MIGNONETTE—Machet, true	10c	50c
PANSY—Barnard's Florists' Mixture, ⅛ oz., $1.00	25c	$7.00
THUNBERGIA—Mixed	10c	60c
VERBENA—Mammoth, mixed	25c	$1.00

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MISCELLANEOUS SEASONABLE HINTS.

Geraniums.

Geraniums of the zonale type that were shifted from 2-inch pots soon after New Year's, should now give you a cutting, which, if potted into a 2-inch, will make a good bedding plant by June 1, and you are sure to need them after the 4-inch plants are gone. These cuttings, the tops of the 3-inch plants, are much better put into soil, potted firmly, than propagated in sand. After one good watering, keep them rather on the dry side until they have started roots. A light bench at about 50 degrees at night is the place for them.

Although this is a very simple subject, I must repeat once more, that for the sake of a cutting don't murder the 3-inch pot plant. If you can leave at least two good eyes, all right, if not, don't look for a cutting but just pinch out the top of the plant and you will have a fine, bushy geranium. It should be needless to say that after you have cut away half of the stem and two-thirds of the leaves of these geraniums they need little water until the eyes break and new growth begins. We seldom have room to give the fall propagated zonale geraniums their final shift, a 4-inch, until after Easter. Fortunately for the geraniums, perhaps unfortunately for other important crops, Easter is very early this year, April 3. So that will give you an abundance of time to shift them after Easter and have them in good flower at the bedding out time, with us from May 20 till June 1.

Cyclamen.

I have received very recently a terrible specimen of a cyclamen. The leaves were not apparently diseased, but the flowers had all the ills that a cyclamen is heir to. This is no stranger around here and it has stricken several growers who are acknowledged careful, good gardeners. The plant may be and often is most vigorous during the summer and up to October, when the flowers begin to rise from the corm, and when they appear above the foliage and later make the abortive attempt to expand their lovely petals and beautiful shades of coloring, they have only the mottled shades of liver sausage and the form of flower that could be imagined after passing through a sickness of St. Vitus' dance and general debility.

It may not be out of place just here to say that two of our local florists had, in September last, as fine a lot of cyclamen plants as the writer has ever seen: a most vigorous leaf growth and very large plants, but not a perfect flower. I understand it is neither aphis, thrips or red spider, but a minute mite. I wish I could prescribe a remedy, but I cannot. Let us hear from someone who has overcome this pest.

We have escaped so far, and this leads me to say that as the little seedling plants are now, or soon will be in 2-inch pots, or transplanted from the seed pans into other pans or small flats, it is most desirable to surround them with tobacco stems, and renew the stems whenever they begin to decay. This is not enough, although a great help. Fumigation, either by burning stems or dust, or vaporizing nicotine, must be faithfully done. Perfectly light position, where they can get the benefit of ventilation, when possible, and a fine spraying on bright mornings, is the place for these little plants for the next two months, with about 55 degrees at night.

Salvia Splendens.

In answer to a correspondent, I have something to say about Salvia splendens. This brilliant, late summer and fall-flowering plant has been growing in favor at a rapid rate for the past few years. Where ten years ago we grew dozens, we now want hundreds.

I can recall a delightful ride a few years ago, through and about the lovely home of Germantown, Lansdowne and other suburbs of Philadelphia, and everywhere as a margin to shrubbery or a border beneath a veranda were masses of the scarlet sage. I can scarcely think of any flowering plant that would have the same cheerful and seasonable effect. Have plenty of them. Shift and grow on the cuttings you have now struck and from them you will get plenty more.

There are some decided improvements over the old type. A rather dwarfer growth and early flowering are what is sought. St. Louis has these qualities and is a great improvement over the old type. Red spider and greenfly are the enemies of this very free growing plant. It delights in being syringed and that settles spider, and greenfly in the house is one of the unpardonable sins. You may think this is a good deal of talk for so common a plant, but its growing popularity warrants it.

Lemon Verbena.

Lemon verbena is another favorite plant that is often difficult to procure if you have missed growing it. However modest may be the little garden, this sweet scented plant is sure to be one of those wanted. Plants that grew in 4-inch pots plunged outside last summer and which have been resting beneath the bench since November, should now be started up. Shake off the old soil and repot. Trim back the unripened ends of the shoots and put them into a night temperature of 55 to 60 degrees, with a daily spraying, and you will get all the cuttings you need. If kept daily watered in the sand they will root as easily as a chrysanthemum. The lemon verbena will make more growth in a mild hothed in three or four weeks of April or May than it will in three months in the greenhouse.

Primula Obconica.

Primula obconica is likely to be a useful Easter plant this year, as Easter is so early. It took years for this beautiful plant to become widely popular. Pretty as the Chinese primulas are, obconica eclipses them in every way as a commercial plant. There is a note in last week's REVIEW regarding its poisonous properties, and a remedy where it does poison. The writer has always considered the poisoning qualities of this plant as largely a ghost story, yet there must be something in it. On inquiry I find that of at least ten men and boys, only two have complained that their epidermis was irritated by it. One of our lady florists on Main street is so affected by it that she can't endure an obconica in her store, but then we have known ladies to have a dread of harmless creatures. We well remember a most amiable spinster of mature years who ran

Primula Obconica.

screaming into the house if she saw a butterfly in the garden.

This primula has been so marvelously improved that we now have from white through shades of lavender and blue to rosy pink, and "florets one and one-half inches in diameter and twelve to fourteen on a truss," is no exaggeration. So procure the best strain of seed that is to be bought and sow early in March. Sown early, they have time to make good stout plants before the dark days set in.

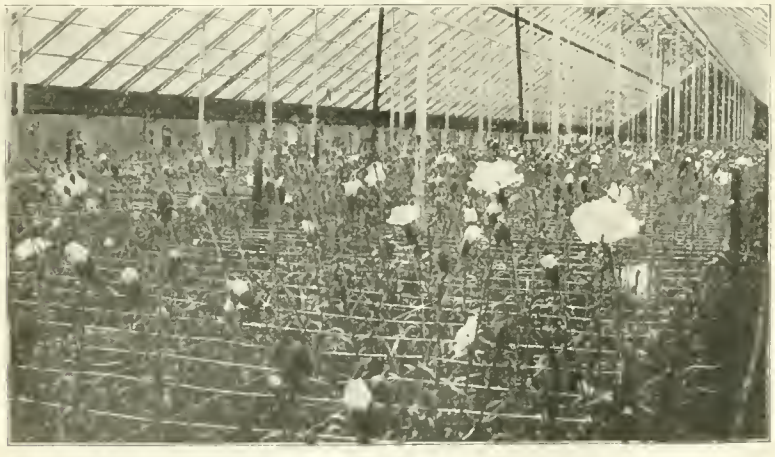
Boston Ferns.

There seems to be constant demand for Boston ferns of every size, and frequently for plants that have a spread of fronds four or five feet across. This sounds like a very large plant, but it really is not so very large, as you will discover if you measure a plant. When there is a graceful droop to the older fronds they are also much preferred. You may not have such plants, but you can manufacture a few dozen and have them ready for a later date. Few ferns or plants of any kind so well endure the disturbance of their roots as this nephrolepis, yet it is not quite right to make up a pot or pan of these ferns and sell it the same day, or the same week. Three good 5-inch pot plants put into a 9 or 10-inch azalea pot now and raised up so that the fronds can spread and droop, will make grand plants in two or three months. There is always something you can grow beneath these "pedestal" plants. Small plants of the same thing would be all right there.

A Few Brief Reminders.

Look out for the young growths on azaleas, which, if not kept pulled off, will take all the strength from the flower bud and it will perish.

Sow verbena seed now. They will be more healthy and vigorous than plants from cuttings and a bed of mixed verbenas is quite as pretty as one of all one color.



House of John Murchie's New White Carnation, Fred Burki.

As the season advances the tulips and daffodils will want less heat and less shade to produce a good stem and better flower.

In a night temperature of 55 to 60 degrees Azalea mollis and Pyrus japonica will want four weeks to be right for Easter. Lilacs and Prunus triloba about five weeks. Dutzia gracilis seven weeks.

Propagating Bench Material.

A neighbor of mine, C. E. Foss, whose houses are in the vicinity of extensive limestone quarries, where the stone is ground up for some purposes as fine as coarse sand, has for the past two years used this material for propagating with the most unqualified success. It is absolutely clear of all earthy substances, which sand, either pit or lake shore, seldom is. He thinks it far superior for all kinds of cuttings to sand of any quality. He adds that directly after cuttings are rooted they should be potted off, for growth is very rapid in this limestone. This may be no news to some of your readers, but knowing that in some localities sand of any kind is difficult to procure and you may be next door to a limestone quarry, I thought I would mention the fact. This material can be bought of the firm by the carload. William Scott.

CARNATION NOTES—EAST.

Feeding Again.

As stated in my last notes, there are a few things in connection with feeding about which it may be well to add a few words. There are various mixtures which might be recommended as beneficial and profitable to use in the operation of feeding, but it is impossible, not knowing the nature and mechanical condition of the different soils in which carnations are grown, to give minute directions as to what is most suitable to use; however, it is hoped in these remarks that I may furnish food for thought.

In studying the behavior of different varieties in soil that is practically uniform in every quality, it will be noticed that while some give good returns others are behind in productiveness, size of bloom and general appearance of health, or perhaps there is a disposition to be grassy. This point I wish to bring to your direct attention as demanding intelligent thought when the matter of feeding is being considered, and I may include soil preparation, too, for although the term feeding is generally understood to mean the use of liquid manure, it must be admitted that growing plants require and are feeding constantly.

It is only by close observation that one can decide what a variety is most partial to and at what time the different fertilizing elements in the soil are likely to become lacking or out of proportion. The fact that the beds have received repeated applications of liquid food does not by any means justify a grower in saying his plants have not suffered from lack of nourishment. It may be true that plenty of nourishment was given but the vital question is, have the different fertilizing elements been supplied in proportion to maintain conditions conducive to the production of bloom in paying quantities? I might say in answer that the chances are too much of one certain element has been used, particularly at a time when something else should have been more in evidence.

To illustrate, let us suppose a variety to have given good returns up to this time but indications point to an off crop period ahead. If the plants are healthy and show plenty of shoots coming along for future development of bloom, one would naturally decide that nitrogen was most needed, but if the variety is naturally grassy you would be careful that it was not supplied in maximum doses or at frequent intervals. As the shoots advance and signs of stem appear, potash will be wanted. Later phosphorus is needed to properly develop the flower.

This is only one case, but every grower can learn the elements most in evidence in each manure or fertilizer and by observation during daily association with his plants, be reasonably sure of making a variation in the composition of his liquid manure to fit his particular case, remembering that stiff soils retain fertilizing elements much better than those of light texture. Geo. S. Osborn.

CARNATION NOTES—WEST.

Late Cuttings.

If you for some reason fail to take as many carnation cuttings out of the propagating bench as you need for next season's planting it is not too late to take good cuttings of most varieties, with a good chance of making good plants by housing time. In fact, many growers prefer cuttings taken between January 15 and February 15 and some varieties that naturally grow very rank and rather soft will do better when propagated a little late. Such varieties will take hold better if the plants are only medium in size. Norway is a good example. The first year we had fine large plants, but they suffered severely and it was late in winter before they were really what they should have been. At the carnation convention Messrs. H. Weber & Sons showed a vase of blooms that beat everything else in the 100 white class and Mr. Weber told me they were grown from March cuttings. There are not many of these varieties, however, and as a rule I favor the earlier cuttings if I can get them.

Every grower knows full well that he should plant out about twice as many plants as he wishes to house in the fall if he wants to fill his benches with good, healthy plants. That means at least twice as many cuttings as you want plants to house.

We are sometimes asked as to the advisability of using the propagating sand twice. If there is any sign of fungus you would better not risk using the sand again. Take it all out, wash the boards off and give a heavy coat of hot lime wash and use fresh sand. If the cuttings rooted well, with no sign of damping off, we take off about one-half to two-thirds of the sand and put that much fresh

sand on the top of the old. We never use it the third time, though.

The cuttings from now on will need closer watching than during the last two months. The sun is getting stronger and on bright days the houses get quite warm and wilting is more apt to follow. When the ventilators are up be careful of draughts. A. F. J. BAUR.

PETER FISHER ON STEM ROT.

[The following are the remarks of Peter Fisher, of Ellis, Mass., before the New York Florists' Club, February 8.]

In looking up a subject for a short paper on the carnation, I thought nothing could be more appropriate at this season of the year than a discussion of extremely early propagation, as related to stem-rot, and its probable causes. And I offer a few suggestions as a means of preventing or minimizing the ravages of this, the deadliest of all carnation diseases.

During the last summer stem-rot has been most prevalent in the east, especially through Long Island, central New York and Pennsylvania. Many of the largest growers have lost their stock by the thousands, both in the field and after being planted indoors and the financial loss has been extremely heavy. That climatic conditions had much to do with this there is no doubt and with outdoor culture we, in future years, are just as liable to a recurrence of the disastrous results of the past season. This suggests to me the question, wherein lies the remedy?

During the past five years or so you have doubtless observed the growing tendency toward earlier propagation and planting. Six or eight years ago early August to September 20 was considered about the right time to bench carnations from the field. The method as adopted at present is July planting from the field, finishing as early as possible in August. In some cases indoor culture is almost exclusively adopted, usually benching in May and June, and where space is available I have known some cases where the plants were benched in February with splendid results.

I was much interested on looking over an old trade price list of Fred Dorner, that veteran carnationist, to whom we owe so much, to find him offering his novelties with distribution commencing April 1. Think of it! What do we find today? Nearly every buyer wants early January delivery. Some will gladly accept their cuttings in December and should orders remain unfilled until March 15 they are liable to cancellation.

The points I want to bring up are these. Is this increasing tendency towards extremely early propagation and planting for or against the best development and longevity of the carnation, and is there not in this a probable cause for so much stem-rot, especially where field culture is practiced?

Where the intention is to adopt indoor culture entirely, I believe in early propagation, potting off the cuttings in January or early February, commencing with 2 and 2½-inch pots and re-potting into 3, 3½ and 4-inch as the case requires, but never allowing the plants to get stunted or pot-bound. Such early stock ought to be benched not later than May and, if space permits, April would give better results, insuring strong root action before the extremely hot weather sets in. Cuttings taken a month later can be benched during May and June.

The New Adiantum Croweanum.

This method has many advantages over planting January stock in the field during April or early May and then lifting and benching it in July, because those early cuttings often get pot-bound and stunted before being planted out. The balls, being full of roots, become hard and should the weather be warm and dry for some weeks after planting they dry out and wilt and this condition, followed by heavy rains, is the first step toward a severe loss from stem-rot, as the plants are in no condition to absorb the surplus of moisture. A later batch of the same variety, that has not been pot-bound and abused before being planted out, will pull through often with little loss, while cuttings of the same sort potted off, say in April and set in the field, will often make better stock than either of the earlier lots, with little or no loss from stem-rot.

This proves to me that much of the trouble is caused from the stock being allowed to become stunted, pot-bound and abused before being planted out, and herein lies one of the greatest dangers in extremely early propagation. If you do not intend this stock for early planting, indoor culture, it is much safer to use a later lot of cuttings for planting out and benching during July or early August.

My experience has been that if a batch of cuttings once gets extremely dry and wilted, either in the sand or after being potted or put in flats, better throw them away. They never recover from the check and are sure to be a source of trouble and disappointment later. Avoid extremes. I believe, for field culture, February and March cuttings preferable to December or January stock and if you cannot house your stock before August, cuttings taken from sand early in April will give grand results. Of course this refers to good, free-growing sorts. Some that develop more slowly need earlier propagation and planting.

The one great drawback to indoor culture with the average florist is that he cannot afford to throw out plants that are giving abundance of bloom at a minimum cost of production during the early summer months. Yet I believe the time is not far distant when, with properly constructed houses, the carnation, like the chrysanthemum, will be grown indoors exclusively. There is too much risk attached to planting out in the field, new and valuable stock to be at the mercy of our variable climate. The experiences of the past will only tend to spur us on to devise means by which we shall yet overcome the difficulties and uncertainties of our present mode of culture.

I believe, for all indoor culture, in wide carnation houses, running north and south, even span, thirty-three feet wide, with five benches, each four feet wide. This admits of a better circulation of air than can be obtained on a 5-foot bench. Height of side walls five feet, three feet being glass; ridge fifteen feet high, with continuous top ventilation on each side, thirty inches in width, also side ventilators to be used judiciously. You will find a house running north and south much cooler and better during the hot summer months than one running east and west and, all things taken into consideration the loss from this aspect during winter is scarcely noticeable in a large, light structure.

NOT FEASIBLE.

Will carnations planted in solid beds three inches each way the first of April and replanted ten inches each way early in July, do as well as if they were planted ten inches each way in the first place? C. W.

I would say decidedly, no. I would not think of planting carnations on a bench and lifting them in July. I would far rather plant them in the field until that time, but if you want to grow them indoors all summer I would advise you to keep them in pots and shift as they need it until you can clear the benches or beds for them. You would find that when planted on the bed the plants would

make a strong, soft growth and would suffer severely if transplanted in the heat of summer. When grown in pots they grow harder, and for this reason and the fact that the roots need not be torn in transplanting they take hold more readily and suffer less when planted from pots.

The best way of all, if you can get the room, is to plant in April or early May right where the plants are to remain the next winter. This does away with that midsummer transplanting which is always a trying ordeal for the plants, but it cannot always be done except in newly built houses, as very few growers are willing to throw out their blooming plants by May 1. A. F. J. Baur.

WE AND OUR FIELD.*

By William J. Stewart, of Boston, Mass.
Secretary Society of American Florists.

Our Right by Usage.

A transposition in the title of this dissertation might betoken a commendable modesty. The typical gardener or florist has, however, always been a somewhat aggressive and self-complacent individual. Like the Ayrshire farmer and his wife, one is "Aye richt" and the other "Never wrang." Even before that memorable uprising which resulted in the establishment of our powerful national society—when our interests in all horticultural activities were usually subordinated to those of the farmer and the fruit nurseryman—even then the shibboleth of the craft was "Wha's like us?" "Naebody!" And the less a man knew the more emphatic, oftentimes, his declaration. I once read of an encounter on the Delaware between a magnificent steamer and a grimy coal lighter.

Officer—"Clear out of the way with that barge."

Lighterman—"Are ye the captain av that vessel?"

Officer—"No."

Lighterman—"Then spake to yer equals; I'm the captain of this."

The gorgeous self-sufficiency of some of our oldtime champions overshadows that lighterman's inflation as completely as Philadelphia's bowling record eclipses that of some of her chesty rivals, and since the race is yet far from extinct we shall, in conformity to usage, talk first of ourselves, and then of our field and how we may cultivate it.

Basis for Our Pretensions.

That we have some basis for our pretensions, the vastly enhanced prominence which our art and its literature (not to mention our sporting prowess) have attained during the last two decades, stands in evidence. The deduction that we are destined to become of yet greater consequence will doubtless pass undisputed, but mere theoretical conclusions have little value and these boasts of future ascendency which we have a habit of making are often little more than hollow generalities in support of which, if pressed for a specific forecast, we might find it difficult to put up a convincing argument.

Recognizing in ourselves the connecting link between the past which we know and the future which we know not, it is healthy to ask ourselves often how well we are filling the places of the sturdy pioneers whose heritage we enjoy, and to make it our constant aim to so shape our course that posterity shall see in us a pattern to imitate and not an example to deter. If we are to prove worthy successors of a distinguished ancestry, the masterly proficiency of Harris, the sagacity of Henderson, the noble simplicity of Cartledge, the intensity of Menand, the tenacity of Wood, and the sunny kindliness of Halliday must find their counterpart in the leaders of today, and we should strive that nothing be lost, either in amplitude or potentiality, of the eminent qualities so well exemplified in the character and lives of these honored men.

A Pause to Reverence.

Our reverence for old age should, however, cease at the door of the rose cellar and, while we should emulate the example and recognize the genius of the old masters, there are problems arising daily, as new elements intrude themselves within our sphere, which bring us to a realization that while the principles actuating them were of the sterling kind, success today may demand a somewhat different application of them. We have with us now the Greek who cares not whether plants are fed on water or on carbolic acid, but who, after six months in our country, knows the cut flower market better than do many of our craftsmen who have spent a lifetime in the business, and, on the other hand, we find the man who can grow violets or carnations of a quality hitherto undreamt of, but who, somehow, cannot understand why blooms with whiskers on them can't be sold at Christmas for three times what they were worth three weeks earlier, before their whiskers started out.

Where shall we strike the balance between the dear soul who loves his profession more than its emoluments, who can say in all truth—

Thou source of all my bliss and all my woe,
Thou foundst me poor at first and keepst me so,

and the latter-day flower-factory man in whose transactions sentiment has no place, to whom a blossom is handsome only when going out of the door on the order of a cash customer and who would not hesitate to accelerate with a brisk movement of his boot the exit of any flower, however beautiful in itself, the moment it should transpire that there was no pecuniary profit in it?

"Birds of a Feather."

I am persuaded that a goodly portion of the comfort and joy of a horticulturist's existence comes from his gregarious instincts. One of the most forlorn creatures in the world is the gardener so isolated that he is prevented from associating with his fellow gardeners, and almost pathetic is the keen delight evinced by one long shut out, when circumstances bring him in contact with old friends in the profession, "drinking it all in and life never seemed so full before." Study this marked characteristic of the craft and you will discover that the most contented as well as most progressive florists are usually found in those communities where ample facilities are afforded for flocking together. Thus the cohesive influence of our fraternal institutions is a boon which we should, in this era of specialization, prize most highly. Its value as an offset to the disintegrating forces now at work can hardly be overestimated. It begins to dawn upon us that the S. A. F., with its stimulus to the fraternal sentiments, came upon the scene at a most opportune time, and we applaud the rare discernment shown by her Philadelphia offspring in respect to providing abundant inducement for comradeship which has its timely reward in the unparalleled prosperity which this club enjoys, and is sure to continue to enjoy, at least so long as John Westcott's buffet keeps on doing business.

Our Field.

It is a big field and a fertile one, as wide as vegetation extends, as broad as human sympathy, as deep as roots can penetrate the earth or love the heart, as lofty as the tallest trees can grow or noble sentiment aspire, a field in which to cultivate the intellectual faculties as well as material vegetation. Ours a calling more ancient and honorable than any other pursued by mankind, whose mission it is to soften the asperities of life, to develop the best in humanity and clothe the world in beauty, whose adherents are fellow-workers with nature herself. "God the first garden made; the first city, Cain."

Are we occupying this fair field to fullest advantage? To do so we must be wideawake to its broader possibilities and take care that narrow vision and trivial controversies are not permitted to limit and monopolize our attention. The great expansion of our business and the influx of capital in certain branches have brought about changed conditions and evolved new problems. How shall we meet them? How successfully elude perils that seem to threaten and which especially concern those working hitherto on a small scale and subject to that most uncomfortable disease, lack of money? Our development has been so many-sided and on such varied lines that our aggregate interests, at first simple and closely akin, now rapidly grow complex and diverse. Thus disintegrating forces lead us into divergent paths, the circles widening as our diversified branches multiply. We see the situation through dissimilar eyes, until

'Tis with our judgments as our watches—none
Go just alike, yet each believes his own.

Admitting that no two of us are likely to quite agree in what direction the greatest measure of well-being presents itself, it seems to me that those who have cultivated broad habits of vision, who have perceived their business not so much in its essence as through its effects, will agree that the time has gone forever when things can be successfully run as the foolhardy skipper sailed his schooner, "By luck, by God and the moonlight," and that insight, economy and foresight are three cardinal virtues to be henceforth zealously cultivated by

*Abstract of a paper read before the Florists' Club of Philadelphia, February 2, 1904.

the florist, whatever his particular line may be.

The Christmas Story.

Without trespassing too far in the direction of special questions, which I have purposely avoided in this paper, let us for a moment turn to that most vital problem of the cut flower industry, the distribution of the produce. At the recent holiday time we learned from sundry suburban and country papers that the scarcity of flowers for Christmas was unprecedented. "On Christmas eve there was not a rose or carnation of any kind to be purchased in the city," was a sort of stock item all along the line. Why is it that we find florists reporting a holiday famine in towns within an hour's ride of New York city, while growers' cellars and wholesalers' refrigerators are bulging with unsold stock and, perchance, the curbstone stands in the city heaping with flowers of varying ages at a few cents a bunch?

In reply to that question we shall avail ourselves of the Yankee's birthright and answer by asking another: "Why a higher price on flowers at Christmas?"

If Jostled, Move Up.

I take it that, in a profession so comprehensive in scope, no necessity exists for long-continued overproduction on any special line. If fortune be unstable our will is free. When you find yourself overcrowded and jostled in your specialty, just watch your opportunity and move up. There is always room at the top. No place is so well conducted that some material increase in efficiency is impossible; no plant or flower now popular is so universally well grown that somebody cannot do it still better. The list of good subjects as yet in obscurity, that may be made popular, is practically unlimited and there is abundant latitude for talent and industry in the establishment of improved strains of scores of things that have thus far scarcely been touched.

As wealth and refinement increase, the demand for conservatories grows apace; well grown stock for the filling of such places, in the hands of a well managed concern, is as good as government bonds. So rapidly has this fever for beautiful home grounds and gardens spread in this country that the call for choice planting material far exceeds the stock available here and even foreign sources are being rapidly denuded. Only a few days ago a friend, desirous of constructing a rose garden, complained to me of inability to procure the stock he required. Choice lilacs on their own roots, well grown conifers in reliably hardy varieties, nursery-grown kalmias, and similar things are wanted. Where are they? Where can the stock for one substantial plantation of hardy rhododendrons, or for a house of foreign grapes, or good plants of the finer peonies, in a business way, be found?

The Need of Brains.

Every sign points to a glorious opening for the immediate future for the intelligent gardener with high aspirations and a determination to excel. There is scarcely a line, no matter how unpromising it looks, that will not respond in a profitable way when you put brains into it. While it is true that the worst howler on the alley may sometimes make the first ten-strike in the game, and that the chance hybridizer may turn up a carnation or a chrysanthemum that will sweep the field, yet it is a safe proposition always that in the long run the expert will distance the common throng. The young man who takes up horticulture as a calling today, if endowed with common sense and zeal, will not be content to settle into any branch, however lucrative for the moment, which offers the novice an even chance to locate at his elbow and become a dangerous rival. Think you that Peter Fisher lies awake nights fretting over the possibility of somebody showing up to skim the cream off his carnation milk? Tom Roland can sell ten times as many Lorraine begonias as he can produce, year after year. M. H. Walsh hasn't seen rose hybridization run into the ground just yet, and Tom Butterworth will be a centenarian before he sees a flower-factory able to compete in his specialty of orchid growing. Numerous similar illustrations of my point might be cited and will no doubt come to the minds of all.

Calanthe Veitchii.

BALTIMORE FLORISTS SAFE.

On Sunday and Monday, February 7 and 8, the city of Baltimore was visited by the most disastrous conflagration which has visited any city of the world since the great Chicago fire. Two square miles of the city were destroyed, entailing a loss of $125,000,000. The territory burned was principally the wholesale district and a telegram from W. B. Sands, dated February 10, says, "No florist even damaged."

CALANTHES.

We are always much interested in Mr. Scott's "Seasonable Hints," which are ever practical and helpful, just what the busy gardener and florist needs. We read with special interest his orchid notes in the last issue of January. In speaking of calanthes, Mr. Scott makes some statements which would lead us to suppose that his method of cultnre for these beautiful and popular winter blooming orchids is decidedly out of the common. His remarks refer, we presume, to Calanthe Veitchii, for he states this to be the most popular species.

Mr. Scott says: "They are, or soon will be, out of flower. When started the latter part of September or October they begin to make the growth, which will form the bulb for another year." Does Mr. Scott make a habit of starting his calanthes as late as September and still get flowers for Christmas? We read further, "after the flower is cut, growth must be encouraged and continued until the bulb is fully developed, which may be the middle of April." May we ask Mr. Scott what growth is to be encouraged, seeing that Calanthe Veitchii is deciduous at its flowering season and that the bulbs are also fully matured? What good object is to be attained by giving liquid manure "from now on for the next few months" to flowerless and leafless bulbs?

We would like Mr. Scott to more fully describe the cultnre of calanthes. We have always found it necessary to start them about the end of March in flats and pot as soon as growths were about two inches long. We have found, in addition, that it took some seven or eight months to flower our bulbs, for we rarely have any open before Thanksgiving and still have some spikes to cut. Now, if Mr. Scott can assure us that by giving liquid manure for a few months longer and then resting our bulbs "in any warm corner until September and kept absolutely dry" we may still achieve good results, what a saving in time and worry can be made.

New discoveries of startling moment are being frequently made in this strenuous age. Having taught us how to grow and flower calanthes in three months, cannot you wave the wizard's wand, Brother Scott, and induce the fractious cattleyas, lælias, odontoglossums, phalænopsis and kindred spirits to yield to your magic touch? The orchid cultivators will then place you on a far higher pinnacle of fame than the discoverers of wireless telegraphy and radium.

W. N. Craig.

ROSES.

Feeding.

The soil in the benches being limited in quantity and the plants having been giving crops during the winter, the heavy growth must have extracted from the soil the main constituent parts which go to form the plant and left it more or less exhausted and in no condition to supply the elements necessary to a good spring growth, which will shortly commence.

As we cannot renew the soil at this season we must have recourse to some other method of supplying the plants with the necessary food and in such proportions as the needs of the plants demand. And in order that the plants may derive the full benefit of this new supply it should be presented to them in a form which is easily assimilated, at the proper season and in suitable quantities.

These foods, to be easily and quickly assimilated, must be reduced to a state of fluidity, or in the form of gas or air. The main object, therefore, to be attained should be to afford as much soluble matter to the roots of the plants as possible, and in a slow and gradual manner, so that it may be entirely consumed in forming the soft and organic parts, leaving no residue to sour the rest of the soil.

This can be accomplished by using decomposed cow manure, which contains the essential elements in nearly the right proportions, and can be applied either in the form of a mulch, which the necessary waterings will convert into the fluid form, or by applying direct as a liquid.

If applied as a mulch in a pure state it is apt to dry during the bright sunshine and this makes it so light that subsequent waterings serve to displace it. Mixing it with one-third of its bulk of good fresh loam gives it more solidity. The whole should be rather finely pulverized, as it is more usable in that form than if laid on in big chunks. A sprinkling of bone flour added to this compost is also beneficial.

This mulch also serves a double purpose by protecting the feeding roots, which approach the surface, and keeping them from sudden variations of temperature. It also prevents the soil from cracking when warm weather sets in.

Liquid manure, being ready for immediate absorption, is most effectually employed when the roots are in an active state and in want of a stimulant to assist in the development of a crop. The best stage to begin with this is when the young growths are from four to six inches in length and it can be applied once a week till the buds show color.

Wood ashes being usually rich in potash, is also a very desirable manure, giving wiriness to the stem and adding brilliancy to the coloring of the petals, but being of a strong nature requires caution in its use. It is always safer to use these concentrated foods in small quantities, even though it must be done more frequently.

Liquor of ammonia has also a very beneficial effect as a stimulant, but should not be used frequently, as it has a very softening effect on the foliage. Its strength should never exceed one ounce to four gallons of water.

For soils deficient in lime, a little should be used occasionally, but we should be quite certain that it is needed before applying it, as an excess is often very injurious. Ribes.

TROUBLE WITH YOUNG STOCK.

We are having trouble to keep our young roses growing. They have fine roots and start nicely. The roots turn brown. We have them on the north bench in a rose house. The temperature has been as low as 52 degrees. There are two pipes under the bench and the pots are plunged in coal ashes.

M. B. L.

Even though the temperature does get down occasionally as low as 52 degrees, this would not account for the failure. If the cuttings are well rooted and not allowed to stand in the sand to become too large and over-ripe, and potted into 2-inch standards, they ought to do well. Potting in soil containing too much manure or other fertilizer would have the effect of sickening and rotting the roots. Young rose stock does not require plunging; in fact, they rarely do well if treated in this way. Smooth down the ashes and place the pots on top, water carefully and shade during very bright sunshine for the first five days after potting, and while they may not grow quite so rapidly at 52 as they would at 56 degrees, they will, all other conditions being right, certainly retain their health and start into growth as the weather gets warmer. Ribes.

TROUBLE WITH VIOLETS.

Under separate cover we send two violet plants, can you tell us what is the matter with them? About half of one of our houses has gone like this since Christmas. The plants are growing in solid beds twenty-four inches from the ground, with good drainage. Note the color of the tips of the buds; they look as though they had been burned with smoke, but we have not fumigated in six weeks. We give them 42 to 45 degrees at night and 55 to 58 degrees in day time with air on. Will they grow out of it by Easter? A. B. C.

Unfortunately, I was away from home when the plants came to hand, making it hard to determine just what is their trouble, but in our experience there are several things conducive to the condition described. Are you certain that the temperatures mentioned have been maintained all the time, or have there been one or two occasions that the house has been overlooked and the temperature allowed to run up and then the ventilators thrown open wide, with a consequent very sudden lowering of the temperature, and a strong draught of very cold air falling directly on the plants affected? And, again, while the beds are raised twenty-four inches, this does not always insure good drainage, even though it would naturally seem as if it should, for I have known beds as high as three feet, in a sandy soil and only about two and one-half feet wide, where they caught some drip, to become so soggy that this, coupled with heavy airing, would cause the plants to look as described. Then, again, A. B. C. says they have not fumigated in six weeks, but he does not say how soon the buds looked like this after fumigating. The injury is not always apparent at once.

Still another thing will cause plants to look forlorn and the buds white at the tips and spotted, and that is black aphis. Of course, I take it that A. B. C. knows if he has this pest in the house, and, if so, my advice would be to pull and burn the plants at this time of the year and put in some spring crop, as they would never recover, even with severe measures, to be at all profitable for Easter; in fact, unless they pick up very soon I should consider this the better way, whatever the trouble, as a plant that is out of health as late in the season as this is a very questionable article for profit, and especially so in violet plants, as they do not as readily respond to doctoring as do some other plants.

R. E. Shuphelt.

THE CARNATION SCHEDULE.

The program and schedule has been issued for the thirteenth annual meeting and exhibition of the American Carnation Society, to be held at Harmonia hall, Wilcox and Center streets, Detroit, March 2 to 4.

The program includes papers on "The Management of Exhibitions," by W. N. Rudd, of Mount Greenwood, Ill.; "The Exhibition of Carnations on Lines Similar to Those of the Chrysanthemum Society," by Wm. Scott, of Buffalo, and "The Maintenance of Health and Vigor in Carnations," by Robert Craig, of Philadelphia. Discussions will be opened: On Mr. Rudd's paper, by Adam Graham and J. F. Sullivan; on Mr. Scott's paper, by H. M. Altick, J. C. Rennison and F. H. Beard; on Mr. Craig's paper, by E. G. Hill, Geo. S. Osborn and George Bayer.

There are premiums of $10 and $6 for 100 blooms of the several colors, $5 and $3 for vases of fifty blooms, open to all varieties disseminated prior to July 1, 1903; $3 and $1.50 for twenty-five blooms, open to all varieties disseminated prior to July 1, 1902. In each of these classes the color divisions are as follows: White, Daybreak shade of pink, Lawson shade of pink, Scott shade of pink, scarlet, crimson, yellow variegated, white variegated and "any other color."

John Breitmeyer's Sons offer $50 and $30 for the best collection of carnations, not less than ten or more than fifteen varieties and not less than fifty nor more than 100 blooms to a vase. The W. J. & M. S. Vesey premiums of $25 and $10 are offered for collections of not less than six or more than ten varieties, not less than fifty or more than seventy-five blooms to a vase, open to all growers with no more than 25,000 feet of glass in carnations. The Sullivan-Rackham premiums of $25 and $15 are offered for collections of not less than five or more than eight varieties, not less than twenty-five blooms or more than fifty of each variety, open to all growers with no more than 15,000 feet of glass in carnations.

A silver cup is offered for the best exhibit of 200 blooms one variety, open to all. Premiums of $10 and $5 are offered for collections of single blooms, not less than twenty-five varieties to be shown. The Lord & Burnham premiums of $30 and $20 are offered for the best collections of commercial varieties introduced prior to 1903, not more than ten varieties and fifty blooms of each to be shown.

A silver cup will be given to the best vase of 100 blooms of Enchantress, the introducers not to compete. The Chicago

Carnation Co. offers $15 for the best vase of 100 Higinbotham and $10 for the best fifty blooms, donors' exhibit not to be judged for these premiums. J. A. Valentine offers $25 for the best undisseminated seedling, all varieties excluded which are shown in classes requiring more than twelve blooms.

The Foley Mfg. Co. offers three silver cups, for the best vase of Michigan seedlings, for the best vase of 100 yellow, and for the best vase of 150 blooms, not less than three or more than five varieties arranged for effect.

The Lawson gold medal goes to the best 100 blooms, any variety; the Lawson silver medal goes to the second best vase, and the Lawson bronze medal to the third best vase.

The S. A. F. silver medal will be given to the best vase of fifty blooms of an undisseminated variety, and the S. A. F. bronze medal to the second best vase.

A sweepstake premium of $15 is offered for the best vase in the class for 100 blooms and $10 for the best vase in the class for fifty blooms. The society's certificate of merit will be awarded meritorious seedlings.

J. F. Sullivan is superintendent of the exhibition.

THE CARNATION SOCIETY.

Davis Bros., Bloomsburg, Pa., registers Mary Albert, color pure white, stem twenty-four to thirty-six inches long, stiff and wiry; early and continuous bloomer; does not burst at any time of the year; blooms measure from two and one-half to three inches; an extra good keeper; cross Crane by Flora Hill and it might be termed an improved Flora Hill.

Rates to Detroit.

Everyone interested in carnations should attend the Detroit meeting of the American Carnation Society. The rate of one and one-third fares has been secured from the Trunk Line Association, and the Central Passenger Association, these two associations covering the greater part of the territory from which attendance will be forthcoming for this meeting.

Everyone who has something to exhibit and is not a member of the society can get a premium list giving full particulars by applying to the Secretary, Albert M. Herr, Lancaster, Pa. The premium list has been sent to each member of the society and anyone not getting theirs should apply at once for a second copy.

ALBERT M. HERR, Secretary.

PROPAGATING THE DAHLIA.

A correspondent raises the question of the propagation of dahlias, asking if dahlia roots produced from cuttings are equal to those produced from a division of the roots? We believe the former is the method practiced in most commercial establishments. Possibly some reader would like to express his opinion on the merits of the two methods?

BUTTE, MONT.—The Montana Florists' Club held its semi-annual meeting January 15, electing the following officers: President, Elmer Law; vice-president, Edward Willoughby; secretary, Sylvester Hansen; treasurer, V. Siegel. The club has now been in existence about a year and the membership is steadily increasing.

NEW YORK.

The Market.

The market has held remarkably steady for a week, with a tendency to improvement. This encouraging condition may be fairly depended upon until Lent begins, and anyway Lent is gradually ceasing to be a factor in determining the value of flowers and there is no good reason why business should not be as good as it is at present until after Easter, which it would be wise to bear in mind is only seven weeks away.

The past week was crowded with dinners and receptions and the charity ball and the Arion used great quantities of cut flowers. Business with some of the Broadway florists on these occasions lasted well into the early morning. The funeral of William C. Whitney was an occasion for floral tributes, the quantity and like of which have seldom been equaled. Over twenty wagon loads of the choicest flowers were used at this funeral and nearly every first class florist had his share of the work. The church was decorated with immense palms, by the Rosery Company, and the floral tributes from all sources were also arranged in the chancel. The pall of valley and violets was the work of Arthur Merritt. An enormous wreath of white orchids and an immense cross of violets were the most striking and beautiful of the set pieces. The demand for orchids of all kinds was enormous and the market was depleted.

Special Beauties held steadily all the week at 50 cents and occasionally a few of the finest Maids and Brides touched 20 cents, although 15 cents was top price with the majority. The best Liberties sold at 40 cents to 50 cents and some superb stock of this variety is in the market. Violets failed, even in special lots, to go above the dollar mark; 50 to 75 cents is the prevailing price for the best stock and thousands of flowers cannot command over 25 cents per 100. Carnations barely hold their own at last week's quotations. The exhibit at the club may awaken greater interest and possibly boom the specialties, some grand stock of which is seen. Bulbous stock is very abundant. Valley goes slowly at reduced prices. Lilies seem to be more in demand and good values prevail.

Club Meeting.

Carnation night at the New York Florists' Club brought an attendance of over 200, including about fifty ladies. The attendance of visitors from a distance was especially encouraging. Rose night, a month hence, will find the rooms too small for the attendance, judging by the grand success of Monday evening. Patrick Welch, of Boston; T. J. Johnston and wife, of Providence; Peter Fisher, of Ellis, Mass.; M. A. Patten, of Tewksbury, Mass.; E. Haines, of Bethlehem, Pa.; Peter Duff, of Orange, and E. W. Newbrand, of Tarrytown, were among the visitors. A lunch was served to the ladies, the canteen was well patronized and there was enough and to spare for all. The vaudeville entertainment was good and every lady was handsomely decorated by the liberal exhibitors when the general distribution of the exhibits was made at the close of the entertainment.

Over 2,000 flowers were staged. The Cottage Gardens had over 100 varieties, all Mr. Ward's own seedlings, except Prosperity and Enchantress. No. 144, a white seedling shown by Dailledouze Bros., to be sent out in 1906, received special commendation. Scott's nephrolepis, in 7, 8 and 14-inch pots, were grand specimens of the new fern and attracted much attention, as did also six splendid pots of Adiantum Farleyense from A. N. Pierson. The exhibits from Baur & Smith, of Indianapolis, and the Thompson Company were unfortunately frozen in transit.

The carnation exhibits included Adonis and Vesper, from Craig & Son; Helen Reid, from William Dilden, Philadelphia; Mrs. Patten, from Patten & Co., Tewksbury; a red seedling from C. J. Thorp, of Bedford Station; Albatross and Flamingo, from L. E. Marquisee; Gov. Odell, from A. & L. Pathey, Bay Shore; Amaze and some seedlings from J. A. Suydam; J. E. Haines, Star of Bethlehem, Juno and No. 77, from J. E. Haines, Bethlehem, Pa.; Gomez, Lawson and some seedlings from John Reimels, Woodhaven; Alpine Glow, Octoroon, Ethel Ward, Enchantress, No. 303, Sensation, No. 622, Judge Hinsdale, Mackinac, Prosperity, White Roosevelt, Mrs. J. A. Thayer and a large collection of seedlings from the Cottage Gardens; the Cardinal from R. Witterstaetter, Cincinnati; a white seedling from L. E. Small, Tewksbury; Nelson Fisher and Mrs. Patten, from Peter Fisher; Yorkston, from J. E. Krayer, Villa Nova, Pa.; Mrs. Patten, from M. A. Patten; Bride, from J. N. May; No. 144, from Dailledouze Bros.; Daheim, Adonis, White Lawson and Enchantress, from F. R. Pierson Company, Tarrytown. There were freesias from J. A. Shellem and Rudolph Fisher, ferns from A. N. Pierson and John Scott.

Peter Fisher's paper on stem-rot, the deadliest of all carnation diseases, was of great interest and held the attention of all. Mr. Fisher paid his respects to Messrs. Ward, Craig and Scott and introduced his subject in his usual happy vein. He was followed by Robert Craig, of Philadelphia, in one of his delightful addresses. He complimented the club on the attractive display and the value of the exhibition. It was one of his most polished efforts and stamps him as the Demosthenes of the profession. Mr. Ward followed in a practical address of much value and interest, with interesting criticisms and elaboration on the subject of Mr. Fisher's paper. Mr. Dailledouze, Mr. Haines, Mr. Patten, C. H. Allen, Harry May and Mr. O'Mara followed in brief addresses.

The report of the advisory committee indicated the decision to confine exhibitions for 1904 to the rooms of the club. Walter Sheridan, for the dinner committee, reported every arrangement made for the annual festivity at the St. Denis February 20, at 7:30, and a large number of tickets already sold for the occasion. All the best features of former dinners may be depended on. Mr. Haffner reported, for the bowling committee, a warm invitation for all florists to participate in the annual prize contest next Monday evening. The outing committee has secured the grove and boat for the annual outing June 29. The committee of awards reported a visit to the Cottage Gardens to see the seedling No. 303 and recommended the awarding of the club's certificate of merit. Six new members were elected and one proposed. Letters of resignation from Julius Roehrs, J. H. Troy and Rudolph Asmus were read and accepted with regret.

Deaths in the Trade.

Joseph Magill, treasurer of the A. T. De La Mare Printing and Publishing Company, whose death from pneumonia on Friday was universally regretted, was buried on Sunday, February 7, from the Presbyterian church, Jersey City, N. J., many of his associates and friends in the trade attending. Mr. Magill was a gentleman of rare optimism and possessed of a sunny, cheerful nature that endeared him to all whose privilege it was to know him intimately. No higher tribute to his sterling worth can be given than that of his business associates of the Florists' Exchange, who knew him best.

One of the oldest of the eastern florists, William Burgess, died Sunday, January 31, at the ripe age of 82. He was an especial friend of Samuel Henshaw, who attended the funeral and to whom we are indebted for particulars of his career. His daughter has continued the business since his retirement and has a handsome store on Bedford avenue, Brooklyn. His father was the originator of the Beeswing dahlia, in 1844, and he himself was the introducer of the Marechal Neil rose in this country. He has been a resident of Glencove for thirty years, where he conducted an extensive florists' establishment, his reputation as a grower, especially of roses and dahlias being widely known. His later years were spent in connection with the Brooklyn park department. A widow and nine children survive him.

Jas. Northcote, the well-known landscape artist, died at his residence in Brooklyn, on Friday last. A widow, two sons and a daughter survive him. Mr. Northcote was born in England in 1822 and has lived in this country since 1858.

Jackson Reid, of Brooklyn, for many years a faithful employe of Siebrecht & Wadley, and later of Siebrecht & Son, died last week of pneumonia. He was a brother-in-law of Henry Siebrecht, Sr., and a man of rare faithfulness and integrity.

Various Notes.

It is rumored that one of the old established firms on Fifth avenue will shortly dissolve partnership.

The new Park Commissioner Pallas reduced the salaries of 300 employes of the park department last week.

Alex. Guttman is rapidly developing an out-of-town shipping trade that makes his headquarters a lively center daily. A splendid stock of sweet peas, Meteors, Maids, Enchantress, Lawson and Prosperity attracted special attention last week.

Saturday evening Wm. H. Gunther celebrated the fifteenth anniversary of his wedding with a banquet to his friends and a theater party at Daly's.

Bowe reports a fine trade and has added to his force the well-known floral artist, Peter V. Downing, formerly of Thorley's and The Rosery.

The partnership between Geo. E. Bradshaw and John R. Hartman has been dissolved by mutual consent. Mr. Bradshaw continues the business at the old stand and assumes all liabilities. He expects to merit the continued support of all his old friends and customers of the past thirteen years.

H. H. Berger & Company attribute the early shipments from Japan to that nations knowledge of the fact that war was inevitable.

Mr. Dacre, of the disbanded Kurzman, Dacre Co., has nearly recovered from his severe illness. The report of his dangerous condition was unwarranted.

Victor Dorval, of Woodside, has purchased property at Manhasset, L. I., and will erect greenhouses there shortly.

Mr. Hanft, of Thos. Young, Jr.'s Sixth avenue store, has the trade's sympathy in the loss of his mother, who died on Monday, February 1.

Bowling.

The following are the scores made by the bowlers on Monday afternoon:

Player—	1st.	2d.	3d.	4th.
Gibbs	134	141	142	129
Siebrecht	148	145	171	134
Lang	145	165	174	...
Frank	145	133	185	167
Burns	147	148	141	166
Bennett	110	126	...	...
Shaw	131	130	169	...
Butterfield	101	125	...	...
Mansfield	157	175	145	...
Haffner	138	131	157	128
Guttman	134	127	151	132

Next Monday evening is special prize night and everyone is invited to come and bring a package containing a prize.

J. Austin Shaw.

PHILADELPHIA.

The Market.

There is great activity in this, the last week of the social season. Flowers are not very plentiful and yet there are enough of most varieties to answer all purposes. Beauties with long stems are scarce and in active demand. Myers & Samtman are producing more of these at present than any other growers. Beauties with medium stems are still scarcer, but shorts are plentiful. The supply of Liberty is excellent and fills the place of the medium grade of Beauty nicely. Carnations are a little scarcer, but equal to the demand. Many choice Lawsons and some Prosperity and Enchantress may be seen. Single and double daffodils, tulips in variety and freesias are very fine; they are sold in large numbers at moderate prices. Violets are going better; valley is splendid. Sweet peas seem to be a little over done; they are more popular toward Easter. Orchids are hard to obtain. Lilacs are more abundant. W. K. Harris is sending some splendid sprays to the Flower Market. Gardenias are coming in quite freely; the problem certainly appears to be solved as to producing them in winter.

Death of C. A. Dunn.

Clarence A. Dunn, head of the wholesale commission house that bears his name, died Wednesday morning of pneumonia after a short illness.

Germantown Horticultural Society.

The February meeting was held in Association hall last Monday evening. Albert Woltemate gave some ideas on the culture of orchids. George Redles read an interesting paper on mignonette. The society is in a flourishing condition, with an active membership of about seventy. This is largely due to the work of Secretary Redles, who has developed the interest for horticulture among the amateurs and gardeners of Germantown by his interest in the efforts of each one and by his splendid talks on every branch of floral life. Not since the days of Thomas Meehan has there been such a series of interesting talks.

Answers to Correspondents.

Review readers are invited to send any questions relating to the culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

1.—What varieties of fancy carnations have been most in demand this season?

Lawson and Enchantress. Prosperity sells well but seems rather a shy bloomer.

2.—Who presided at the Institute meeting at Horticultural Hall, January 19? David Rust in the absence of Edwin Lonsdale, who was confined to the house with a cold. A local paper published a picture of a fierce looking gentleman wielding the gavel, with the name, E. Lonsdale, underneath. The fierceness and the name were creatures of reportorial fancy.

3.—Why was G. C. Watson asked to speak on holiday trade before the Chicago Florists' Club? Mr. Watson is one of our ablest speakers; he is well-read, interested in all branches of horticulture, and combines an excellent delivery with a happy faculty of clearly expressing his ideas. It is probable that an exponent of the possibilities of plant development was also desired.

4.—I carry my flowers from store to store, but sometimes have to sell out to the fakirs. Would the Flower Market benefit me? You would get office, telephone and delivery privileges at less than you could secure them for by yourself, besides selling privileges.

5.—Please recommend a good commission man in your city to me. All the Philadelphia commission men who advertise in the Review are reliable.

Notes.

J. F. Krayer, Villa Nova, Pa., exhibited a handsome carnation of Daybreak shade, Lawson blood, before the Florists' Club last week. John A. Shellem also staged a vase of his fine freesias.

Johnson & Stokes report seed business opening auspiciously. The shortage in beans is more serious than at first anticipated; not only wax, but green beans are affected and the prices are advancing sharply.

Berger Bros. are receiving some good shipments of roses, violets, etc.; they feel encouraged by the outlook.

Adolph Farenwald will tell his fellow members of the Florists' Club something about the Liberty rose at the March meeting. He is cutting a great many special blooms from his two-year-old plants, borne on stout stems four to five feet long. This grade is a decided novelty, demanding a high premium in the New York market.

Walter P. Stokes has improved his lily of the valley until it has reached at present a high standard of perfection due to careful selection and skillful culture. He now devotes one of his houses at Moorestown especially to forcing valley pips, securing long stems and perfect bells evenly developed. Spring flowering plants are making their appearance in the shop windows. Azaleas have been reinforced by primroses, cinerarias, as well as daffodils and tulips.

Philadelphia sympathizes deeply with Baltimore in her severe loss by conflagration.

Phil.

We like the Review better than ever and would not want to do without it—Wm. Dyer, Three Rivers, Mich.

CHICAGO.

The Market.

The market has been more active this week than for some time past, the demand, however, being almost entirely from out of town. City trade improves very slowly, if at all, but the southern buyers have been calling for large quantities of stock this week and have kept the wholesale houses completely cleaned out on shipping roses. Receipts in this department are very light, indeed, there being very few good Beauties and not enough Brides or Maids to meet the requirements. Red roses have been very scarce and what few Liberties have been available have brought close to Beauty prices. Meteor is almost an unknown quantity, although now and then a pot of this variety is seen. Several of the commission men agree on the proposition that the carnation growers are not cutting to within twenty or twenty-five per cent as many flowers from a given space as they were at this time last year, but the receipts are ample to the requirements. In general the stock grades very high and prices are low by comparison. As a matter of fact the fancy stock is selling so cheaply that it makes the low grades hard to sell at any price.

Bulbous stock continues to be in large supply, but the better grades are selling out fairly well. There is a good demand for first-class red tulips and good yellow tulips find ready buyers. Paper Whites and freesias go slowly. Callas have been in demand this week. The receipts of Harrisii lilies are increasing steadily and of late the stock has shown considerable improvement in quality, very fair flowers being obtainable at from $2 to $2.50 per dozen. It is noted that a good many of the bulbs are producing only one or two flowers for some of the growers and there is not much money in that.

Violets are not so abundant as a few weeks ago and are affording little concern in the market. Smilax has become one of the few scarce items and the first of the week was selling higher than the light strings of asparagus, something probably never before known in this market. Orchids are in good demand.

Mardi Gras at New Orleans next week should keep things going for a few days more and St. Valentine's day, February 14, ought to help the violets a bit.

Club Meetings.

There was a very good attendance at the regular club meeting, February 3, the growers being interested in hearing what the building material men had to say on the latest wrinkles in greenhouse construction. Several of the local firms made exhibits and Lord & Burnham Co., Irvington-on-Hudson, N. Y., sent some excellent photographs, illustrating their methods of construction. R. W. King, of Toronto, was present and spoke like one who knows his subject. He is to have charge of the erection of the million feet of glass to be put up at Elmira, N. Y., by the United States Cut Flower Co. Stollery Bros. showed some fine tulips at this meeting.

On Saturday evening the last of the revival meetings will be held, this time at the Drexel Cafe, which is very accessibly located, at the corner of Cottage Grove avenue and Thirty-ninth street. A good program has been prepared and everybody should be on hand to help give the ball another shove. It is rolling well now.

Club members have received tickets for distribution to their friends for the exhibition to be held in Handel hall next Wednesday, February 17. It is to be open to the public from 2 to 4 in the afternoon. It seems certain that there will be a good show of carnations and bulbous stock. P. J. Hauswirth has the arrangements in charge.

The club has placed all bowling affairs in the hands of a committee, consisting of P. J. Hauswirth, George Asmus and George Stollery. There is a meeting for practice at the Gereaux alleys on Madison street every Tuesday evening. There is a good attendance, two alleys being placed at the disposal of the members' wives.

The Carnation Meeting.

Chicago will be well represented at the Detroit carnation convention. It is expected that the delegation will go down on the Wabash on the afternoon of March 1, reaching Detroit the evening before the convention. In the party will be W. N. Rudd, Jas. Hartshorne, C. L. Washburn, Peter Reinberg, N. J. Wietor, Leonard Kill, L. Coatsworth, Anton Then, Fritz Bahr, E. F. Winterson, P. J. Hauswirth, P. J. and J. P. Foley, Wm. Kroeschell and several others, including a number of ladies.

Various Notes.

C. M. Dickinson, manager of E. H. Hunt's, has been elected secretary of the National Oil Refining and Manufacturing Co., a million dollar corporation, which is developing a big tract of oil land in the Kern river district in California. The concern has its general offices at 79 Dearborn street, Chicago.

Those who have visited Poehlmann Bros.' establishment recently say their Beauties are coming on finely. They had the misfortune to get the stock in several houses frosted last fall and have not had much out of them, but they are now in good shape.

A. H. Budlong is now in personal charge of affairs at J. A. Budlong's wholesale store.

Frank Garland has leased a room on the second floor of the Atlas block, adjoining Peter Reinberg's, to which he will remove May 1.

E. F. Winterson Co. reports the call for fancy baskets much below last season's demand and says the retailers are not using them as much as formerly.

Last Saturday a water pipe burst in the Atlas block and flooded Deamud and Garland. Little damage was done.

Henry Muno has left C. W. McKellar and may start a retail store or go into some other line.

Henry Hansen, son of H. Hansen, the North Clark street carnation grower, and Miss Mary Smith were married yesterday. Mr. Hansen sells his father's stock at the Growers' Market.

John Hoeft has sold his retail store on North Campbell avenue to Kuehne & Pearson and will devote his attention to his greenhouses at Park Ridge. He is planning a trip to California for his health.

A. L. Randall Co. is getting quantities of white lilac and very fine valley from Buettner.

Bassett & Washburn have a fair cut of Liberty, and red roses are at a premium.

Wietor Bros. are cutting good Beauties.

Kennicott's are getting in Klehm's Novelty tulip in quantity and it is selling fairly well.

A. C. Kohlbrand, of E. C. Amling's, is ill this week.

Among recent visitors were E. G. Hill, Richmond, Ind.; Mr. Smith, of Smith & Fetters, Cleveland; Mr. Hill, of the Grand Rapids Violet Co., Grand Rapids.

ST. LOUIS.

The Market.

We are having most beautiful weather in spite of Mr. Ground Hog, who returned to his winter quarters after seeing his shadow last Tuesday. Business during the last few days of the past week dropped off greatly. The fine, clear, warm weather has brought out an abundance of cut flowers of all kinds and of the best quality. Prices, of course, have dropped and on Saturday good carnations were selling at $15 per 1,000 and $2 and $2.50 per 100 in small lots. Among them were seen Mrs. Lawson, Mrs. Nelson, Enchantress, Prosperity, Queen Louise, Wolcott and other good stock. Brides and Maids are again plentiful; so are Meteors, Gates and Perles. About the only scarce rose now is fancy American Beauty. Some good flowers are seen but very short stemmed. Prices on roses run from $4 to $10 per 100.

Bulbous stock is moving slowly; plenty of it in the market for all demands, especially Roman hyacinths and Paper Whites. Very few Dutch hyacinths are in as yet. Harrisii are in and are selling well at $12.50 and $15 per 100. Callas, too, are plentiful at 10 cents. Lily of the valley is very slow at 4 cents. Tulips are coming in fine, but not moving as they should at 4 cents. The Novelty tulips at Keuhn's are fine, going at 5 cents. A big supply of California violets is in the market at 50 cents per 100 and about 35 cents in 1,000 lots. Street fakirs are peddling them out at 10 cents a bunch. The green market is healthy and there is plenty of everything and especially fine asparagus and smilax, which has quite a demand.

Various Notes.

I paid a visit Sunday to two of our well-known florists in South St. Louis, Messrs. Fillmore and Schray. At Fillmore's I found Frank just awakening from his afternoon nap. Everything is moving well at this place. A fine crop of callas was seen, also a large number of deep wooden boxes filled with Asparagus Sprengeri, from which thousands of sprays can be cut. A fine bench of Mrs. Nelson carnations was seen in the next house, of which Frank is very proud. For white he backs his money on the Hoosier Maid, which is by Anders Rasmussen, of New Albany, Ind. The flowers are large, well formed, good stem and calyx never bursts. A few Enchantress also looked well. Roses have been off crop for some time but from the looks of the houses his big four, Brides, Maids, Perles and Woottons, will yield him a big crop soon. They also report plenty of funeral work of late. Their faithful dog, Monkey, which is a terror to drummers and which saved the place from destruction by fire some time ago, is still on watch.

At Schray's place everything is looking well. Mr. Schray is forcing a lot of lilacs, which will be blooming this week. We were also shown a lot of white poin-

settias in the carnation houses. Glacier looked very fancy. The decorative stock and orchids are in excellent shape. A fine crop of roses will soon be on.

The Civic Improvement League has prepared an ordinance, which will be laid before the Board of Public Improvements, creating the position of city forester. This official is to be under the direction of the street commissioner, to make the city beautiful by planting trees throughout the residence district. This is considered a good thing, providing they give the position to an experienced man and not to a politician.

George Waldbart is showing some exceptionally fine roses and carnations. Blooming plants are having quite a run at this place.

Mr. Perry, who has charge of the greenhouses and landscape work at the World's Fair, and George E. Kessler, chief landscape architect, say that the work of setting out the big stock of plants will begin about March 15 and continue until the fair opens April 30. Everything promises to be in good shape for the opening.

J. F. Ammann, Henry Blixen and A. Jablonsky have returned from their inspection trip and are much pleased with their treatment in the hands of those they visited and claim they saw and learned a great deal.

The club meeting this week Thursday promises to be the largest of the year, especially well attended by the carnation growers, who are very much interested in new varieties and carnation talk from experienced growers.

Bowling.

On Monday evening team No. 1 again suffered defeat at the hands of team No. 2. During the evening Fred Worden, owner of the alleys, called the boys together and invited them to have something at the expense of an old friend of his in Chicago, who proved to also be an old friend of ours, Walter Kreitling. The scores of the evening were as follows:

Team No. 1—	1st.	2d.	3d.	T'l.
J. J. Beneke	163	198	203	564
Theo Miller	165	167	139	471
F. H. Meinhardt	132	124	118	374
John Young	139	131	101	371
John Sturtz	154	195	172	521
Totals	753	815	733	2301

Team No. 2—	1st.	2nd.	3d.	T'l.
C. A. Kuehn	237	162	188	587
Fred Weber	155	150	142	447
O. R. Beneke	123	115	178	416
Frank M. Ellis	145	107	134	386
Fred Weber, Jr.	123	105	109	337
Totals	783	639	751	2173

J. J. B.

Alliance, O.—A. H. Gehman says business is good with everybody in the florists' line in this section of the country. McKinley day cleaned up everything in the way of a carnation flower.

The New York Herald prints a column article descriptive of the wonders of the private greenhouses of Wm. A. Proctor, at Glendale, near Cincinnati. The article is headed "Chrysanthemums Three Feet Broad."

Boston, Mass.—The U. S. General Appraisers have sustained the protest of N. F. McCarthy & Co., who took exception to the assessment of duty on certain importations of florists' baskets. The Boston collector classed them as manufactures of willow instead of chip.

Vegetable Forcing.

THE MARKETS.

Chicago, Feb. 10.—Radishes 20 to 40 cents dozen bunches; lettuce, leaf, 20 to 22½ cents per case, heads, $1 to $3.75 barrel; cucumbers, 50 cents to $1 dozen.

New York, Feb. 8.—Cucumbers, 25 cents to $1.25 dozen; lettuce, 20 to 50 cents dozen; radishes, $1.50 to $3 per 100 bunches; mushrooms, 10 to 40 cents pound; tomatoes, 10 to 20 cents pound; asparagus, $3 to $6 dozen bunches; rhubarb, 50 to 75 cents dozen.

WORK IN THE HOUSES.

Watering and Feeding.

As the days begin to lengthen and the strength of the sun's rays increase, the benches will dry out faster and require watering more frequently. There will also be less danger from overwatering, as growth will be more rapid and the plants will absorb moisture faster.

Liquid manure can also be applied more frequently to assist in maturing such crops as cauliflower and tomatoes with less danger of running them into soft growth. A little may also be applied to lettuce should the soil they are in be of rather poor quality.

As a good general liquid fertilizer we do not find anything better than that made from sheep manure. We procure the pulverized article and use about half a bag to a large barrel of water. After tying up the bag, we put bag and all in the barrel. All the substance of the manure will soak through the bag and give a liquid free from sediment. Soaked thus over night, the liquid ought to be ready to use the next day and will require to be diluted to the proper strength. Of this the operator will have to judge, as no hard and fast rule can be laid down. So much depends on the quality of the manure procured, but it is better to be on the safe side and make it weak rather than too strong. A strong dose is never advisable. It is better to apply weak and often, as the plants can only take up a limited quantity at a time. Just what they can take can only be decided by careful observation, as by this alone can the operator tell when they are getting enough or when they are getting too much.

Airing.

This is one of the most important parts of greenhouse work, and here again careful study and observation is the only teacher. It is all very well to say "keep the house at a certain temperature," but cold draughts must be avoided, and when the air is cold and the sun bright it is often better to let the temperature of the house run up over the desired degree rather than run the risk of getting a dose of mildew through having a cold draught beating down on the plants. On such days the house should be shut down early to conserve all the sun heat possible. There will be little condensation on account of the coldness of the atmosphere. Again, when the day may be rather dull and cloudy, if the air be warm, it won't do any harm if the house is kept below the desired figure. On such days we like to get air on the house as early in the morning as possible to help dry up the condensation, which is usually pretty heavy on such mornings, and on account of the mildness of the atmosphere little heat can be used. On such days the taking off of the air can be delayed much longer, and if the night is likely to be mild, a little night air on the lettuce houses will do no harm.

Cleaning Up.

Keep all decaying and yellow leaves picked off the plants, as they appear; if left around to decay fungus may be generated, which is liable to spread and may result in considerable trouble. Cleanliness is one of the best agencies in combating fungous diseases when the plants are affected, as well as one of the best preventives when the plants are free from disease.

Stirring the surface of the beds should be attended to as frequently as time will allow. This not only keeps the surface clean and free from mosses and weeds, but the keeping of the surface open is of great assistance in preserving the health of the plants, besides assisting the beds to dry out by the freer admission of air. Stirring should not be done when the soil is wet, or more harm than good may result, as then it would close, rather than open the surface. The best time for the operation is when the soil is rather on the dry side, or just before water is to be applied. With a loose surface, water soaks into the bed more evenly than when the surface is hard, as it is apt to run off the drier parts of the bed and soak through in patches, thus making watering very unsatisfactory and ineffective. W. S. Croydon.

CAPACITY OF BOILER.

I have a horizontal boiler forty-two inches in diameter and ten feet long, with sixty-eight 3-inch tubes. Used for hot water, how many square feet of glass will it heat? What will be the necessary length of grate, supposing it to be forty-two inches wide? What the size of the outlet and inlet pipe holes? What should be the size and height of the stack? W. R. G.

The boiler has a capacity for about 5,000 feet of radiation, 5,400 to be exact. It should have a fire box forty-two inches long, if soft coal is to be used and the boiler set to work as a return tubular, which I assume to be the plan. If hard coal is to be used the grates should be four feet long instead of three and one-half, as for soft coal. The smoke pipe should be fourteen or fifteen inches in diameter and twenty feet or more in height, depending upon surrounding objects. Size of opening for both riser and return for hot water should not be less than four inches.

L. C. C.

Warwick, R. I.—A fire starting in the ventilator and fanned by a fierce wind totally destroyed the barn and greenhouses of J. A. Foster, February 2, entailing a loss of over $20,000.

Enclosed you will find the best invested dollar in my business; continue the Review.—H. P. Loding, Mobile, Ala.

WESTERN FLORISTS MEET.

The midwinter gathering of the Perry Florists' Association was held February 4-5, at Albert Lea, Minn., entertained by P. Clawsen & Son. The places that were represented were Austin, Cresco, Decorah, Charles City and Osage. Everything at Clawsen's was looking its best. Carnations are their specialty and here are growing many new varieties. Enchantress and Adonis were much admired. These varieties will have quite a space in their houses next season. Each one went home carrying samples of the two, as well as stock of same. Dorothy Whitney was also looking fine and pronounced a good yellow.

These meetings are very helpful and always enjoyed. Subjects of all kinds are brought up for discussion and in that way one gets lots of new ideas, which they could not get in any other way. A good story told now and then by Mr. Clawsen and responded to by Mr. Symonds kept all in good humor. The inner-man was well provided for, for which the ladies have our thanks. W. T. Symonds, of Decorah, was elected president for the next year and W. S. Hall, of Osage, secretary and treasurer. The next meeting will be at Osage, Ia., with W. S. Hall, the latter part of July.

A. N. Kinsman, of Austin, Minn., says that his roses were never finer than this winter, especially those growing in the same soil for the third season. He will add to his plant about one-third this season, planting grafted roses.

W. B. Perry, of Cresco, Ia., says business is good and stock looks well. Here may be seen Glacier carnations growing to perfection.

W. T. Symonds, of Decorah, keeps his place up to date with a good business. His display of carnations at the convention showed that he knows how to grow good ones.

M. H. Wetherbee, of Charles City, reports everything prosperous. He has had lots of design work this season, which is his specialty.

E. M. Sherman, of The Sherman Nursery Co., of Charles City, reports a good cut of roses, with prospects of a fine crop from now on. American Beauties are their specialty and we think their foreman knows how to grow them.

W. S. Hall, of Osage, says business is fair, with prospects of a good spring. His houses are filled with young stock, such as is grown for catalogue trade, which is his specialty. W. S. H.

BOSTON, MASS.—John Washek, an Austrian, dealing in florists' supplies in a small way at 12 Hawley street, shot himself January 28. He leaves a widow and seven children.

THE REVIEW is as necessary to the successful florist, as air and water to his plants.—W. W. NASH, Montrose, Pa.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements NOT admitted under this head.

Every subscriber is entitled to a free situation wanted or help wanted advertisement not exceeding 35 words in any one issue during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By A-1 carnation and rose grower; first-class references; single, 38 years of age; please state full particulars in first letter. Address Grower, 54 South Sheldon street, Chicago.

SITUATION WANTED—By No. 1 grower of roses, carnations, mums, and general line of bedding plants, with 20 years' experience; age 35; single; please state wages. Address F. W., care Garden City Hotel, 46 Sherman St., Chicago.

SITUATION WANTED—As working foreman by an up-to-date grower; single; age 45; life experience in growing roses, carnations, and all kinds of bulbous stock; good plantsman and grower of bedding plants; good reference. Address No. **53**, care Florists' Review, Chicago.

WANTED—To draw plans for gardens and parks; charges very reasonable. Address F. A. Haenselman, landscape architect and consulting engineer, 1410 38th St., Denver Colo.

FOR SALE—260 sash, 3 ft. x 4 ft. 6 in., in use only a short time; glazed and painted two coats; will crate and deliver f. o. b. cars about last of April. Address Lock Box 56, Chatham, New York.

FOR SALE—Cheap, 100 hotbed sash, 3x6 ft. Address No. **57**, care Florists' Review, Chicago.

FOR SALE—An Alaska florists' refrigerator; glass sides and front; used five weeks; cheap for cash. Address John Kennedy, 2522 E. First St., Wichita, Kan.

FOR SALE—Commercial place of 11,000 feet of glass near New York; planted in roses and soft stuff; 8 acres of land, dwelling, barn, horse, wagon, etc.; in a No. 1 running order; price $9 000; $4,000 cash; possession at once. Address No. **50**, care Florists' Review, Chicago.

WANTED—Florist, an all-round man to take charge; small retail place; wages $40.00 per month. Address R. Kaiser, 104 College Ave., Annapolis, Md.

WANTED—Competent man who thoroughly understands packing and shipping specimen nursery stock; first-class man can secure a permanent position. The Cottage Gardens Co., Queens, Long Island, N. Y.

WANTED—A good nursery foreman who is capable of handling men and understands transplanting thoroughly; first-class position for first-class man. The Cottage Gardens Co., Queens, Long Island, N. Y.

WANTED—Single man for general greenhouse work; must have some experience; references required; state wages expected with board. Address Estherville Greenhouses, Estherville, Iowa.

WANTED—Florist to take charge of a good business on the shares; the only thing of the kind in the city. Write Box 442 Rockville, Ind., for particulars.

WANTED—At once; good reliable night fireman. Reply, stating wages experience, etc., to No. **54**, care Florists' Review, Chicago.

WANTED—Near Chicago, first-class carnation grower; state where last employed and how long; also salary expected. Address No. **58**, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist; life experience in carnations and roses and general stock on a retail place. Address Percy Rogers, Foreman, St. Johnsbury, Vermont.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

SITUATION WANTED—As grower of cut flowers and general pot plants; life experience; age 28; good references. Address No. **49**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class orchid, palm and fern grower; also decorating; commercial or private place in or near Chicago; 14 years' experience in America and foreign countries; state wages. Address No. **52**, care Florists' Review, Chicago.

SITUATION WANTED—By young German florist and nurseryman; 7 years' experience in this country; in or about the Indian Territory preferred. Address George Dublitzky, Box 69, Hartshorn, Indian Territory.

SITUATION WANTED—An eastern rose grower would like position as foreman or manager of western establishment of 100 000 feet or more, making a specialty of growing roses for cut flowers. Address No. **56**, care Florists' Review, Chicago.

SITUATION WANTED—By expert grower of pot plants, stove or temperate house, including orchids; good grower of cut flowers; well posted in forcing, grafting and propagating; 20 years' experience; German, married; as foreman or manager on an up-to-date place; at present foreman on first-class retail place; state wages and give full particulars. Address No. **55**, care Florists' Review, Chicago.

SITUATION WANTED—By a middle-aged German; life experience in cut flowers, and pot plants; good propagator and potter; please state wages. G. Kiefner, 72 West Madison st., Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. **28**, care Florists' Review, Chicago.

WANTED—A good all-round florist who can grow a general line of cut flowers and plants; German preferred; wages $35 per month, room and board. Address Wm. Kutschbach, Houston, Texas.

WANTED—Working foreman on place of 12,000 ft. of glass where there will be put up this summer 12 000 ft. more; roses, carnations, mums and a general line of stock is grown; must be reliable; state wages wanted without board. Address Sunnyside Greenhouses, Owosso, Mich.

SITUATION WANTED—By competent grower of carnations, roses and general stock; good propagator; 10 years' experience; single; age 27; best of references. Address No. **40**, care Florists' Review, Chicago.

SITUATION WANTED—By young man; German; single; age 32; experience in ferns, palms, bedding, bulbs, forcing and Easter stock; Colorado or Missouri preferred. Address No. **41**, care Florists' Review, Chicago.

SITUATION WANTED—An experienced cut flower grower with capital wishes to engage as foreman with responsible party, with intention of buying interest in place; would also lease or purchase on good terms; place must be in fairly good condition, near Chicago. Address No. **48**, care Florists' Review, Chicago.

FOR SALE OR RENT—Greenhouses, 6 000 feet of glass; hot water; 9-room dwelling. Oak Park, Ill. A. T. Hemingway, 180 La Salle St., Chicago.

FOR SALE—Fine chance for an energetic man with small capital to acquire a well-established retail florist store business with best trade in city; also greenhouses (12 000 ft. glass); good location; everything in running order; will sell together or separate at a bargain; cause poor health. Address Schluraff Floral Co., Erie, Pa.

FOR SALE—A fully equipped retail store, doing a good business in one of Chicago's best residence districts; small capital required. Address No. **43**, care Florists' Review, Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40 000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10 000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00; 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3¼c; ¾-in., 3c. Pipe cutters, second hand, $1 25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3 35; 12x16 single $2 40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1 60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Two second-hand tubular boilers, 54 inches by 11 feet; have been used under 35-lb. pressure; $50.00 each, f. o. b. Chicago.

Cross Press & Sign Co.
Blackhawk and Dayton Sts., **Chicago.**

FOR SALE.

$3000 will buy a florists' place in a city of 20,000 inhabitants; only two blocks from the court house. A good house with plenty of the best fruit; two greenhouses, cold frames, barn and 30,775 sq. feet of ground; old age the reason for selling. Apply to

GUSTAV KLINGENSPOR,
Jackson, Tenn.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star,** No. 611 N. Washington ave., Dallas, Texas.

BUFFALO

Current Comment.

Business has been improving slowly for the past two weeks, no flowers going to waste. Bulbous stuff is rather slow, good roses rather scarce and first-class carnations are never over plentiful. Freesia is beginning to be plentiful and the flower buyers like it. When the sun shines brighter and the temperature is higher it will help business all around.

W. F. Kasting is now preparing to move into his new quarters, Turn Hall, on Ellicott street. Talk about evolution from the tadpole to the finished article. Think of the little 4x6 store in which he first did business, then of the commodious store which is now his headquarters, then of the large overflow warehouse for his heavier goods and wire work manufactory, and now he has rented this old German theater, large enough for a national convention of the prohibition party. Surely this will hold him for a time, but he needs lots of room. It's not so much the business that is done, but when there is a full meeting of the Buffalo florists the hot air that escapes needs a lofty building to be healthy.

A few visitors have braved the arctic weather of late, but the few drummers who have arrived are merely the advance guard. The leonine Arnold Ringier, of W. W. Barnard & Co., Chicago, made his usual two days' stay. He is a great favorite among the boys, who eagerly listen to his philosophy and profit by his example. Walter Mott gave us his usual tri-annual call. He reports the Walter Mott Seed Co., of Jamestown, largely increasing its business, especially locally. In the pastoral regions of the beautiful counties of Alleghany, Cattaraugus and Chautauqua there should be an immense demand for timothy red top, clover, rutabaga, not to mention brussels sprouts and other epicurian green stuff. We had a call this morning from Nashville, in the shape of Mr. Joy, who had been taking a trip through the north. Very sorry I did not see him personally. T. Knight, in the interest of Julius Roehrs, also favored us with a call.

This has been a winter of records. In neighboring country towns they have had up to date over eighty-five days of continuous sleighing and the frigidity has been away below all weather bureau statistics, but that is not all, the first Dutchman arrived on January 29. Although from Holland, he had more the appearance of an English sparrow, small, chipper and persistent. The interview lasted but three minutes, while fifteen years ago, just for politeness, it would have lasted an hour and so he passed on to give someone else the boon of his bargains.

Now by long odds the important part of these notes is to come, serious and important as the above are. On Wednesday, February 17, the Buffalo Florists' Club will have a carnation meeting. Many, in fact nearly all the leading firms who are sending out novelties, have promised to send exhibits and there will be a large display of the leading standard varieties. A competent committee will pass on the merits of the latest introductions and, although a certificate from this committee may not be of the same importance as that granted at the great Detroit convention in March, it will have some weight. Local florists, as well as those of western New York and western Pennsylvania, should take advantage of the opportunity to see the many varieties which otherwise they cannot see unless they go to Detroit or visit their birthplace. Support the officers of the club who are getting up this exhibit more for your benefit than their own and, come one, come all. The exhibition will be held at 3 p. m. at Turn Hall and the meeting at 8 p. m., when a paper will be read by an expert on some of the latest phases of carnation culture. Address all flowers "Buffalo Florists' Club, care Wm. F. Kasting, Buffalo, N. Y."

We will conclude by saying that if any local or nearby florist has any well grown flowers of any variety new or old, it is his duty to make an exhibit and help along the good cause. You are getting a view of the new varieties extremely cheap. W. S.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems	per 100 $6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $8 00
Ivory	5 00 to 8 00
Liberty	6 00 to 15 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

STEAM AND HOT WATER.

Having had very poor results from my heating apparatus, I have decided to change from water to combination steam and water. My houses, two in number, are each 24x123, thirteen feet to ridge, joined together with glass partition. The south wall is five feet high, with two feet of glass; the north wall six feet and double boarded. The east gables are glass to within two feet of the ground. The boiler room and shed across the west end are two feet higher than the houses, breaking the coldest winds. We use solid beds. The piping consists of fourteen runs of 2-inch pipe in the south house, used for roses, and twelve runs in the carnation house. It is piped on the gravity system, with high point and expansion tank over the boiler. To use steam in cold weather, how does the piping need to be changed? The connections to the boiler, both flow and return, are 3-inch. Some of the coils are one flow and three returns, and some two returns. I heat my dwelling from the same system, with radiators, taking water in at the top. I suppose it will be necessary to take in at the bottom with the new arrangement? W. L. F.

The piping system described for both greenhouses and dwelling will work well with steam. It will only be necessary to place check valves in the returns near the end of each coil and to place a globe valve and a check at each end of a sufficient number of the pipes in each coil to reduce the radiating surface in the houses so as to admit of the use of low pressure steam. That is, assuming that the boiler is at a proper depth below the level of the return pipes.

Each of the houses should have at least four of the return pipes provided with valves at each end so that they can be thrown out of service. In the severest weather only two returns in each house need be put out of use; all the remaining pipes will be necessary to maintain the temperature with steam at 5 pounds pressure. L. C. C.

Peter Reinberg

51 Wabash Ave., CHICAGO.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30 in. stem	4 00
" " 24-in. "	3.00
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

CHATHAM, N. Y.—R. E. Shuphelt is sojourning at Fruitland Park, Fla.

YOUR.. ORDER WANTED

Large Supplies Fancy Carnations; Cuts of Choice Tea Roses increasing every day; all Bulb Stock; Valley, Orchids. Whatever your needs in Seasonable Cut Flowers, let us have your orders. We are here to do business by meriting your patronage. : : : : : : : : :

Inexhaustible Supply of "Green Goods"

E. C. AMLING,

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Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.50
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $2.50	.25
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $2.00	
Leucothoe sprays	.75

Subject to change without notice.

BOSTON.

Fine Mid-Winter Exhibition.

The first of the regular Saturday exhibitions at Horticultural Hall under the new management of the Massachusetts Horticultural Society was held on January 30 and brought out a remarkably fine show. Orchids were the star feature, being shown in large quantities, some 600 bottles of cut blooms being staged in over 300 varieties and species. In the class for best display of cut orchids W. N. Craig, of the F. L. Ames estate, won the Appleton silver gilt medal with 200 bottles, mostly distinct. Emil Johannson, gardener to J. E. Rothwell, took the silver medal and William Thatcher, gardener to Mrs. J. L. Gardner, the bronze medal. George Melvin, gardener to Colonel Charles Pfaff, also had a fine collection. There was never a finer showing of cut orchids at any previous Boston show.

Carnations, owing to McKinley day occurring on the previous day, were not largely shown. Rockland Greenhouses showed a plant and vase of cut blooms of a beautiful variegated sport of Mrs. Lawson, which received a certificate of merit. This will push Mrs. M. A. Patten close, if it does not eclipse it. S. J. Goddard's new seedling yellow attracted favorable notice. For collection of violets N. F. Comley won, showing seven varieties. Mrs. E. M. Gill had the best freesias.

Primula sinensis, P. obeonica and P. stellata were well shown by William Thatcher, who won two first and one third prizes; E. J. Mitton, J. Lawson, gardener, and E. W. Breed. Robert Cameron, of Harvard Botanic Gardens, was awarded a cultural certificate for two grand specimens of Chorizema ilicifolium, also a certificate of merit for the new Acacia Baileyana. George Melvin secured cultural commendation for a large well flowered basket of Cœlogyne cristata. W. N. Craig showed well flowered pans of the Chatsworth variety of cœlogyne.

Lager & Hurrell had a nice little table of orchid plants. R. & J. Farquhar & Co. put up a beautifully arranged table of splendidly grown Begonia Gloire de Lorraine edged with primulas and Isolepis graeilis. J. Montgomery Sears, Alexander Ogg, gardener, also had a beautiful lot of this begonia, which secured a cultural certificate for Mr. Ogg.

SPECIALTIES

White Lilac

We have large supplies, just the thing for decorations and other good work.
Per doz., $1.50

Write or wire for prices if you can use a quantity.

LA REINE
And all other Tulips, $2.00 to $3.00 per 100

VALLEY
Very fine, per 100 ..... $3.00

FANCY CARNATIONS and CHOICE ROSES.

We are now booking orders for LONGIFLORUMS FOR EASTER, and shall be glad to quote you figures on your needs. We expect to have, as in past years, the very best Lilies on the market.

A. L. RANDALL CO.

19-21 Randolph St., Chicago

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Headquarters for EVERGREENS

Order direct from us and you won't be disappointed. We always carry a fine line of Laurel Festooning, made good and full, 5c and 6c per yard. Princess Pine Festooning, made all round and heavy, 5c and 6c per yard. Laurel Wreaths, made heavy and fancy, $2.00 per doz. and upwards, according to sizes. Princess Pine Wreaths, made very heavy, $1.50 to $2.00 per doz. Holly Wreaths, made extra heavy, 50c each; $5.00 per doz. Holly, the best in the country, well berried, $6.00 per case, contains 100 lbs. Wild Smilax, extra, $4.00 and $7.00 per case. Also a full line of Florists' Supplies. A-No. 1 Hardy and Fancy Ferns, $1.50 per 1000. New Crop Bronze and Green Galax, $1.00 per 1000. Also Green Moss in bbls. $1.00 per bbl. All orders by mail, telephone and telegraph will receive our personal attention. Long Distance Telephone 2618 Main and 583-4 Tremont.

HENRY M. ROBINSON & CO., 11 Province St., BOSTON, MASS.

Mention The Review when you write.

James Wheeler and Robert Cameron had charge of the arrangements for the show and deserve great credit for their work. It was the best midwinter exhibition ever seen in Boston.

W. N. CRAIG.

PITTOSPORUM.

Enclosed please find a spray of a tree that grows about the size and shape of an azalea. Please tell me the proper name. J. F. B.

The little spray inclosed is a Pittosporum. I could not be positive as to the species, but believe it is P. coriaceum. It is a greenhouse shrub. The flower is conspicuous and sweet scented. While they are desirable for a private conservatory they are by no means a commercial plant. W. S.

WHOSE LOSS IS IT?

A florist takes plants to keep through the winter and charges storage for them. His greenhouses, through accident, are destroyed by fire and the plants are all killed. In the absence of any agreement whatever who stands the loss, the florist or the owners of the plants?

J. A. H.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

FLORISTS, NURSERYMEN, AND SEEDSMEN

who read the *new* American Gardening, learn what is doing in the Public Parks and Private Places throughout the country. A large space is devoted each week to news items covering these two features.

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AMERICAN GARDENING BRINGS RESULTS.

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OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of

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40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 60th year. 1000 acres.

THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

Surplus Shrubs CHEAP!

Also other trees and plants in assortment. Send for Wholesale List.

SHREWSBURY NURSERIES, Eatontown, N. J.

Mention The Review when you write.

CALIFORNIA PRIVET

			Per 1000
200,000	2 years,	2 to 2½ feet, very bushy	$20.00
150,000	2 "	18 to 24 ins., " "	16.00
100,000	2 "	12 to 18 " " "	10.00
200,000	1 year	12 to 18 " branched	9.00
200,000	1 "	10 to 12 " "	7.00
100,000	Cuttings,	8 ins., strong	.80
100,000	"	8 " light	.60

Also have a large stock in Asparagus Roots, 2 years Palmetto & Barr's 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

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And HARDY ORNAMENTAL STOCK.

Write for illustrated price list.

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Sample Colored Plates **free**—Send for Catalogue

☞ UNEQUALLED FACILITIES

Little Neck, L. I.—W. K. Vanderbilt has awarded a contract to Wm. J. Hamilton to build a range of six greenhouses 20x250 at Deepdale. The cost is to be about $25,000.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

Charles D. Carpenter, formerly of Omaha, has assumed the position of superintendent of parks at Milwaukee.

B. S. Gage, of the Peterson Nursery, Chicago, has been elected to membership in the Western Society of Engineers.

John C. Olmsted, of Boston, has made plans for the landscape work in the numerous small parks in which Chicago is investing several million dollars.

The Minneapolis Journal recently published a Nursery Edition, under the management of Henry L. Patthey, who also directed its sweet pea show last summer.

The receipts of American and Canadian apples at Liverpool, England, during the period from August to the third week of December amounted to something like 1,200,000 barrels, whereas during the corresponding period of last year the imports were only 750,000 barrels.

The American Peony Association plans to plant a large collection of peonies at Highland park, Rochester, N. Y., under the care of John Dunbar. It is proposed to test three plants of each variety from each member who cares to contribute, the work to be under the supervision of the nomenclature committee. European growers will also be invited to contribute to the plantation.

Fond du Lac, Wis.—After an illness of only two days, Mrs. E. Haentze, wife of the well known florist, died February 7, of diabetes. She was a native of Germany and 63 years of age. Mr. and Mrs. Haentze were married in New York and had lived in Fond du Lac for forty-one years. She took an active part in developing the large greenhouse establishment. Five sons and a daughter are left.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

Muskmelon seed is in good demand; stock is short and prices advancing.

Onion sets are moving in good shape. Prices have advanced 10 cents per bushel on yellows, 15 cents on reds and 25 cents on whites within the week.

The annual convention of canners is on this week. It may develop that some who ordinarily buy seeds there will be in a position to sell this year. The stock will be worth the money, however, no matter who has it.

The Joe L. Ullathorne Seed Co., of Memphis, Tenn., has been incorporated with $100,000 capital stock, by Joe L. Ullathorne, O. C. Armstrong, A. S. Ullathorne, Hosmer J. Barrett, Geo. S. Hooper, W. A. Bicksford and Henry Craft.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

A. LeCOQ & CO.

DARMSTADT, GERMANY,

.....Wholesale Dealers in.....

Grass, Clover,

AGRICULTURAL and FOREST TREE SEEDS

Prices and Samples on application.

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THE NURSERIES,

BOSKOOP, HOLLAND.

Growers of Hardy Rhododendrons, Azaleas, Clematis, Shrubs, Conifers in several var., Taxus in var., Boxwood pyramids 3-4 feet high etc., etc. Ask for prices. Catalogue free on demand.

NO AGENTS. NO AGENTS.

DAHLIAS. POT ROOTS.

Ten Gold Medals Awarded 1903.

Pot-roots for shipment at once. Every section including the popular **Cactus Dahlias** at $1.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Terms cash with order. Catalogue 114 pp. free of charge.

HOBBIES LIMITED, Norfolk Nurseries, Dereham, Eng.

New Chrysanthemums

The best of the Novelties shown at New York this year are from my last year's set.

Another great set described in my special list just out. Sent post free. Write for it.

W. WELLS & CO.,

EARLSWOOD, - - SURREY, ENGLAND.

FLOWER SEED for PRESENT PLANTING.

VERBENA, Mammoth Mixed	pkt., 25c.	¼ oz., 50c.	oz., $1.50
SALVIA Nana Comp., Bonfire	" 25c.	¼ oz., 75c.	oz., 2.50
PYRETHRUM Golden Feather	" 15c.	¼ oz., 30c.	oz., 1.00
PETUNIA, large flowering, fringed, mixed			pkt., .50
PETUNIA, double, large flowering, fringed, mixed			" 1.00
STOCK Imp. Giant Perfection, white	pkt., 25c.	¼ oz., $1.50	oz., 5.00
STOCK Snowflake, white	" 25c.	¼ oz., 2.50	oz., 9.00

Our Wholesale Catalogue mailed.

Stumpp & Walter Co.
50 Barclay St. N.Y.

Mention the Review when you write.

THE very high prices at which onions are now selling will make a great difference in the sale of the seed. Already there is a shortage in sight of seed of the Southport Red Globe. Other varieties seem to be fairly plentiful.

THE continued cold weather has a depressing effect on mail orders. It also lessens the volume of business from what is termed the small trade by the jobbers. This will entail no permanent loss, as later on a break in the weather will soon make it up.

NEWS from Baltimore is awaited with interest. It is understood that Bolgiano & Co. were in the fire zone and C. A. Robinson is reported cleaned out. Quantities of seeds are understood to have been lost in the warehouse of the Martin Wagner Co., canners. Griffith & Turner Co. are thought to have been outside the devastated district.

APPARENTLY sweet corn prices have reached a steady basis. Current quotations by those who have a supply of stock range uniformly at $6 to $8 per bushel for Crosby and similar medium early sorts, and at $7 to $9 per bushel for Hickox, Evergreen, Old Colony and Mammoth. Country Gentleman leads at $10 to $11 per bushel for samples of good germination.

THE U. S. Circuit Court of Appeals has decided that canary seed, which is botanically a grass seed, but is used principally as a bird food, and which is not known commercially as grass seed, is not free of duty under the provision in paragraph 656, tariff act of July 24, 1897, for "grass seeds not specially provided for," but is dutiable under paragraph 254 of said act, covering "seeds of all kinds not specially enumerated."

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

JOHNSON & STOKES'

NEW CROP **CHOICE FLOWER SEEDS** HIGHEST QUALITY

The seeds herein offered are selected with the greatest care, and can be depended upon to be the very best obtainable. Our German grown Asters, Stocks and Petunias are unsurpassed.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection	$0 10	$0 50
Alyssum, Little Gem	10	25
" Maritimum (sweet)	10	15
Asparagus Plumosus Nanus (new crop) per 100 seeds, $1.00 per 1000, $7.50		
Asparagus Sprengeri, 100 seeds, 15c; 1000 seeds, $1.00.		
Aster, Queen of the Market (the earliest), white, pink, light blue, dark blue and scarlet	10	50
Aster, Semple's Branching, mixed	10	50
" " " separate colors	15	75
Candytuft, Empress (selected)	10	20
Clematis Paniculata, white	10	40
Centaurea Candidissima (1000 seeds)	25	1 25
" Imperalis	10	40
Cobaea Scandens purple	10	30
Double Daisy (Bellis), Giant Snowball	20	2 50
" " Longfellow, rose	20	2 50
" " Mammoth, mixed	20	2 25
Grevillea Robusta	$0 10	$0 40
Lobelia, Crystal Palace Compacta, ½oz.	25	1 25
Mignonette, Machet (true)	10	40
Petunia, Dwarf Inimitable	20	1 25
" Giants of California, 1000 seeds 50c; 1-3 oz. $1.00.		
" Extra large, double fringed, 500 seeds 60c.		
Pyrethrum Aureum	10	25
Salvia Splendens (Scarlet Sage) ¼oz.	25	1 00
" " Clara Bedman	25	2 00
Shasta Daisy (Burbank's), 100 seeds 15c; 1000 seeds $1.00	25	
Smilax (new crop), per lb. $2.25		20
Stocks, Large Flowering German, ten weeks, separate colors	25	2 50
Thunbergia, mixed	10	35
Verbena Mammoth, mixed, 2000 seeds	20	1 00
" " separate colors, 2000 "	25	1 25
Vinca Rosea, alba, alba oculata	10	50

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SEEDS **THE ALBERT DICKINSON CO.**

Timothy, Clovers, Flax, Hungarian, Millets, Red Top, Blue Grass, Lawn Grass, Orchard Grass, Pasture Mixtures, Bird Seeds, ENSILAGE CORN, POP CORN, BUCKWHEAT, BEANS, PEAS, ETC.

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Ranch at Burnett, 3 miles north of Long Beach, Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Ixias, Chilianthus, Zephyranthes, Ornithogalums Sternbergias, Amaryllis Johnsonii and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

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Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1.00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, - ALLEGHENY, PA.

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Arlington Tested

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Catalogues Mailed Free.

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SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market	pkt., 50c
Cauliflower—First and Best	" 50c
Tomato—Sterling Castle	" 25c
Radish—Carmine Forcing	" 05c

WEEBER & DON, Seed Merchants,
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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

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Wholesale Florist,
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Pittsburg Cut Flower Co., Ltd.,
504 LIBERTY AVE.,
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WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.
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SPECIALTIES IN FLORISTS' RIBBONS CHIFFONS AND NOVELTIES.
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CINCINNATI.

The Market.

Business is very good and very much the same as reported last week. The supply keeps up just about equal to the demand in most lines, but some articles are short. Good red roses are very scarce and American Beauties of first quality are few and far between. There is a heavy demand for all kinds of flowers suitable for funeral work and consequently short-stemmed roses are scarce, Brides especially so.

Carnations are increasing in supply daily, but still they sell well and none go to waste. Valley is selling rather slowly, but other bulbous flowers are doing fairly well. Calla lilies are in especially good demand and more first-class blooms could easily be sold. There is a good demand for Harrisii. Sprengeri has been selling exceedingly well of late and the supply is scarcely a drop in the bucket. Smilax is going better.

Notes.

A severe storm visited this city last Saturday night. Heavy wind accompanied by hail did considerable damage to the various greenhouse plants, but nothing that could not be repaired before any more serious loss resulted.

Theo. Bock will be in the city Saturday and act as judge for our rose show. Breitmeyer's Sons will send a vase of their new rose, La Detroit, and it is expected that all of the late introductions will be represented.

Visitors were: B. Eschner and Martin Renkauf, both of Philadelphia.

C. J. Ohmer.

ST. PAUL.

The intense cold which has prevailed for two weeks has frozen up trade in nearly every line except the fuel business. Stock is not abundant, although there is plenty to meet demands. Violets are more plentiful than they were. Bulk stock is becoming quite plentiful.

Henry Puvogel is handing out cigars over the arrival of a daughter.

Miss Seeger, who is the genial clerk at R. C. Seeger's store, is seriously ill with typhoid fever.

Otto Will, of Minneapolis, was a visitor to Joliet and Chicago the past week.

August Rhotert, of New York, was a caller during the week.

The Minneapolis Florists' Club gave an informal dance on Monday evening last.

R. C. Seeger suffered some damage by the wind blowing down a smokestack.

X. Y. Z.

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A Specialty.
I can always supply limited quantities on short notice. With reasonable notice can supply large quantities.
CATTLEYAS, $6 doz.; LAELIAS, $2 to $3 doz.; CYPRIPEDIUMS, $2 doz.
All other seasonable flowers at Current Chicago Market Prices.
CHAS. W. McKELLAR, 51 WABASH AVENUE, CHICAGO.

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"Specials," "Selects,"
"1sts," "2nds."
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THE SELECTS are equally fine but not quite so large. The price of selects, 8c.
THE FIRSTS are good standard grade, good bud, good stem, but not so long. Price 5c.
THE SECONDS are good buds, with 6-inch to 9-inch stem. Price 3c.
Carefully packed and shipped any distance.
BEAUTIES in all grades at market prices.
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Philadelphia, Feb. 10.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	$ 2.50 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.50 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Extras	$10.00 to $15.00
" " Specials	4.00 to 8.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Firsts	25.00 to 50.00
" Seconds	6.00 to 12.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Orchids, Cattleyas	50.00 to 60.00
" Cypripediums	15.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas	$1.50 to $2.00 per doz.
Daffodils	4.00 to 5.00
Daisies	.50 to .75
Freesia	3.00 to 5.00
Hyacinths, Roman	2.00 to 4.00
Lilac	$1.00 to $2.00 per bunch
Lillium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	1.00 to 5.00
Narcissus, Paper White	2.00 to 4.00
" Campernelles	1.50 to 2.00
Pansies	.30 to .50
Myosotes	.50 to 1.00
Gardenias	per doz., 3.00 to 5.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	3.00 to 4.00
Violets, ordinary double	.75 to 1.00
" " single	.40 to .50
" extra white	1.50

MADISON, N. J.—On the night of January 27 a fire occurred at the greenhouses of James Doherty. The loss was $300, principally on stock damaged by exposure.

NORTHFIELD, MINN.—C. P. Nichols, of the Northfield Nurseries, is planning to build a range of five houses 17x50 this season for roses and carnations. He will use the best methods of construction.

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, $2.25 per 100. Verbenas, all choice named varieties, 60c per 100; $5.00 per 1000. Petunias named, all double, $1.25 per 100; $10.00 per 1000. Heliotropes, $1.00 per 100; $8.00 per 1000. Salvias, $1.00 per 100; $8.00 per 1000. Giant Alyssum, $1.00 per 100. Ageratums, 60c per 100; $5.00 per 1000. Coleus, 70c per 100; $6.00 per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

Cash with order. Write

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ROSES	ROSES
PLANTS AND ROOTED CUTTINGS.	Per 100 R. C.	Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle, Kaiserin, Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS—2½-in., $4 per 100; 3 in., $8; 4 in., $12.50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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New York, Feb. 10.

	Per 100
Beauties, Specials	$30.00 to $50.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	10.00 to 15.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 15.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	30.00 to 40.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, 25c a bunch.	
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia.....10c to 25c per bunch.	
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.00 to 3.00
Mignonette	1.00 to 6.00
Narcissus	1.00 to 2.00
Smilax	6.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.25 to .50
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Wholesale Cut Flower Prices.

Buffalo, Feb. 10.

	Per 100
Beauties, Specials	$25.00 to $50.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	8.00 to 12.00
" " No. 1	5.00 to 6.00
" " No. 2	2.00 to 4.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Liberty	3.00 to 12.00
Meteor	2.00 to 10.00
Mrs. Morgan	2.00 to 6.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Orchids—Cattleyas	40.00 to 60.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	3.50 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cuneatum	.50 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 12.50
Camellias	5.00 to 15.00
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
Lilac	8.00 to 15.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.40 to .75
Smilax	15.00
Sweet Peas	.50 to .75
Tulips, single and double	3.00 to 4.00
Violets, ordinary	.40 to .50
" extra	.60 to .75
Galax	.10 to .15
Leucothoe	.50 to .75
Common Ferns	.15 to .25

ORANGE, N. J.

The first competitive exhibition for 1904 was held by the New Jersey Floricultural Society on Friday, February 5, at their rooms in Orange. There were fifteen exhibits covering the usual range of flowers. Of special merit were the orchids of William Barr, of Llewellyn Park, grown by Arthur Bodwell, and some cyclamens in pots, from the greenhouses of William Runkle, grown by D. Kindsgrab. John N. May contributed exhibits not for competition. The topics discussed were all bearing upon the show. One new member was nominated. The judges for the evening were Harry O. May and Jos. B. Davis. A neatly printed set of rules governing the exhibitions was presented to each member. J. B. D.

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Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.
Green Sheet Moss, choice stock, $2.50 per barrel sack.
Sphagnum Moss, $1.75 per large bale.
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CUT ROSES
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No Middleman.
BRIDES and MAIDS A SPECIALTY.
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Mention Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 10

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100	$6.00 to 8.00

	Per 100
Bridesmaids, Specials	$6.00 to 12.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 12.00
" Firsts	4.00 to 5.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.50 to 2.00
Violets	.50 to 1.50
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Tulips	2.00 to 5.00
Freesia	2.00 to 4.00
Easter lilies, $2.00 to $2.50 per doz.	
Callas, $1.50 to $2.00 per doz.	
Mignonette, $1.00 to $1.50 per doz.	
Valley	2.00 to 4.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 per doz.	
Common ferns, per 1000, $2.50.	
Galax Leaves, $1.00 per 1000.	

Pittsburg, Feb. 10.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	10.00 to 12.00
" " " Extra	8.00 to 10.00
" " " No. 1	4.00 to 6.00
" " " No. 2	2.00 to 3.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Ivory	3.00 to 10.00
Liberty	10.00 to 25.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 6.00
Adiantum Cunestum	1.00 to 1.25
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	3.00 to 4.00
" Sprengeri, "	2.00 to 4.00
Callas	6.00 to 12.00
Daffodils	3.00 to 4.00
Daisies	1.00 to 1.50
Freesia	2.00 to 3.00
Hyacinths, Roman	1.00 to 3.00
" Dutch	3.00 to 5.00
Lilac, per doz.	1.00 to 1.50
Lilium Longiflorum	12.00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	2.00 to 6.00
Narcissus	2.00 to 3.00
Pansies	1.50 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
Tulips, single	2.00 to 4.00
" double	4.00 to 5.00
Violets, ordinary	.20 to .50
" extra	.75 to 1.25

Worthington, O.—At the F. Griswold place stock has been scarce because of a break in the heating apparatus which let frost get into the houses just before Christmas. It was in the very coldest weather and oil stoves failed to keep the houses warm while the break was being repaired.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

E. H. HUNT
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Greenhouses at Hinsdale, Ill.
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Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
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Long Distance Phone Central 3598.
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Roses and Carnations A Specialty.....
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Fresh Stock always ready for orders.
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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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of good quality always on hand
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MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager

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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season.
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26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, Feb. 10.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	4.00 to 10.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 10.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Common	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
" Dutch	4.00 to 5.00
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 4.00
Smilax	12.50 to 15.00
Tulips	3.00 to 4.00
Violets, Ordinary	.35
" Extra	1.50
Galax	.15
Leucothe	.50
Common Ferns	.25

CORTLAND, N. Y.

Le Roy Hopkins died of heart failure while at work in his greenhouse, February 1. Mr. Hopkins had been subject to heart trouble for some time. That morning he complained of not feeling well and did not return to work until 2 o'clock, feeling better, and was filling an order for some flowers for a funeral when he suddenly reeled and fell to the floor. Dr. Dana was summoned, but life had departed. Coroner Moore was notified and pronounced death due to heart failure. Mr. Hopkins was about 36 years of age and is survived by his father, L. C. D. Hopkins; his wife, one son. Mr. Hopkins was one of Cortland's most progressive and successful business men, his greenhouses being the largest and having the best business of any in this section of the state.

BARABOO, WIS.—Wm. A. Toole has been elected corresponding secretary of the Wisconsin Horticultural Society.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Design. A full line of supplies always on hand. Write for catalogue and prices.

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Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Feb. 10.

	Per doz
Beauties, Specials	$6.00 to $9.00
" Extra	4.00 to 5.00
" No. 1	2.00 to 3.00
" Shorts	1.00 to 1.50
	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	6.00 to 8.00
Golden Gate	6.00 to 10.00
Liberty	4.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 5.00
Carnations, Common	1.50 to 2.00
" Selects	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
" Farleyense	1.00 to 1.50
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Bouvardia	2.00 to 4.00
Callas	10.00 to 12.50
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	1.00 to 2.50
" Dutch	4.00 to 5.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 5.00
Narcissus	2.00 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	.60 to 1.00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets, ordinary	.35 to .40
" extra	.50 to .60

The FLORISTS' MANUAL by WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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Telephone Calls: 340 and 341 38th Street.

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WILL BE FILLED BY
P. J. HAUSWIRTH,
227 Michigan Ave.
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A. GUDE & BRO.
1224 F Street, Northwest,
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The J. M. Gasser Company,
EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR
RETAIL ORDERS
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1657-59 Buckingham Place, CHICAGO.

M. WEILAND,
602 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

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L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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1294 BROADWAY,
IN THE HEART OF
New York City
TEL. 2270 38TH ST.
OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons
2139-2141 Broadway,
Tel. 192 Riverside,
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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Providence, Newport, and adjacent New England Cities.
T. J. Johnston,
171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.
Orders Executed Artistically.
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Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,
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ALBANY and NEW YORK
or any place between
SALTFORD
at POUGHKEEPSIE
Will take care of your orders. New York deliveries by our own messengers every day. We grow all our own flowers. Phone, wire or write us.

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Mrs. Chas. Eickholt,
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FRED C. WEBER, FLORIST,
4326-28 Olive Street, St. Louis, Mo.
ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

HUGH GRAHAM, PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
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WILLIAM L. ROCK, FLORIST,
1116 Walnut St., Kansas City, Mo.

Clarke Bros.
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(CONTINUED.)

WM. SCOTT,
Main and Balcom Sts.
Buffalo, N. Y.

S. B. Stewart,
119 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

THE Leedham Bulb Co., Santa Cruz, Cal., has sent us a remarkable daffodil flower. It came from a bulb among their lot of Ard Righ and the trumpet is similar to that of this variety, but it has ten sepals instead of the usual six. The sepals are all perfect in form and regularly placed. It is a very handsome flower. The bulb has been marked and should it and its increase retain the peculiarity of producing flowers with ten sepals there will be a very notable addition to the daffodil family.

PLANT NOTES.

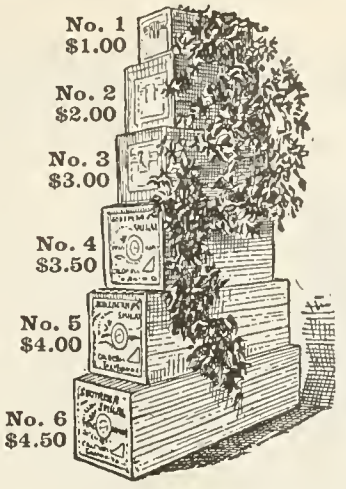
Hedge Trees.

Some years ago no landscape gardener thought a garden complete unless it had an evergreen hedge surrounding it. From the earliest plantings in California until a short time ago the native Monterey cypress was used almost exclusively. This idea was borrowed from the old missions, where the close-cropped hedges of the Cupressus macrocarpa were as much of a feature as the crumbling buildings themselves. This tree grows easily and very quickly from seed, which is planted in flats from April until July. The seeds sprout readily in the open air and are transplanted late in the fall into boxes containing about 100 trees each. They are easily handled and are from ten inches to one foot high by the following spring, when they sell usually for about $15 per thousand. If they are kept another season in the same box they grow to about one and a half to two feet high, when they bring about $25 per thousand. There has been a big demand for this tree for several years and many of our nurserymen have devoted almost their entire time to their propagation and sale. The tree attains its greatest size when planted not too far from the ocean, and is one of our most characteristic trees when used for hedge planting, or as individual specimens.

The Monterey pine, when a large windbreak or hedge is desired, can be used equally as well as the cypress, with the exception that it cannot be trimmed as closely, and does not grow as readily from seed. When planted in the open, however, the Pinus insignis takes hold readily and makes a magnificent tree.

In smaller places where a hedge or screen is desired I find that Pittosporum eugenioides and Pittosporum tenuifolium seem to be in most demand. They grow readily from seed and attain a height of about six inches in about the same number of months, when they can be readily transplanted from flats into 2-inch pots or in the open. They attain a height of two feet the next season, when they are ready for sale. They are easy to transplant and can be kept at almost any size by judicious pruning, although the tree when allowed to grow naturally attains considerable size. The Laurus tinus also makes a very desirable hedge. It is grown from soft wooded cuttings, struck in sand in the early spring. It makes a bushy shrub when about two years old and although it is not of such rapid growth as the pittosporum family it makes a splendid flowering hedge and stands trimming well. The California privet, although in much favor throughout the eastern states, is not planted here to any extent.

Regarding the trimming of trees used in hedges, I have found that almost any variety that is adapted to that purpose can be kept at any height by frequent and judicious pruning. I have a Monterey cypress hedge on my grounds that has been planted thirty-five years and is at the present time only four feet high and thirty inches through, although the natural growth of the cypress is about ten feet per year when it gets well established in the ground. G.



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"Quality Counts"
("THAT'S ALL")

This stock can be had only direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F KASTING Buffalo, N. Y.
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A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.
EVERGREEN, ALABAMA.

ROSES. ROSES.

Beauties, Rooted Cuttings, $3.00 per 100 $25.00 per 1000.
2¼-inch, $6.00 per 100; $50.00 per 1000.

BRIDES, BRIDESMAIDS, METEORS, IVORIES,
LIBERTIES, PERLES, 2¼-inch pots. $3.00 per 100; $25.00 per 1000.

ROOTED CUTTINGS, - - $1.50 per 100; $12.50 per 1000.

ALL STRICTLY A-1 STOCK. PERFECT SATISFACTION GUARANTEED ON ALL ORDERS.

Choice lot of 4, 5 and 6-inch KENTIAS. Write for Special Prices.

J. F. WILCOX, = Council Bluffs, Iowa.

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GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.

Peacock's ....Dahlias
For plants or bulbs address
W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Geraniums ....and.... Carnations
ALBERT M. HERR, Lancaster, Pa.

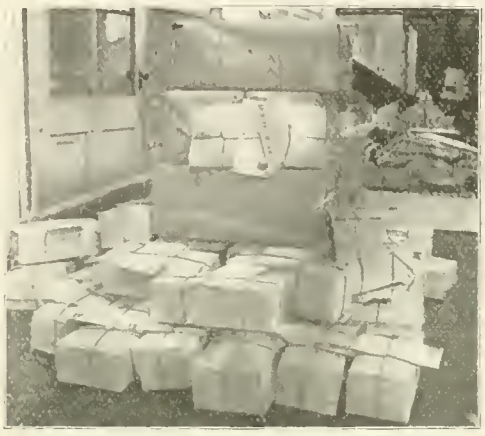
SAN FRANCISCO.

The Market.

The dark days and southeasterly winds tell of the long looked for rain of which California is much in need, but the showers have not visited us yet. As a consequence of the dark weather we are having, flowers, especially roses and carnations, are not quite as plentiful as

Transplanted Carnation Rooted Cuttings

10,000 of each variety -- to close them out.



A DAY'S PACKING OF 41 ORDERS.

	Per 100	1000
VIOLANIA—The largest, freest variegated carnation to date, extra fine	$12 00	$100 00
LOS ANGELES—A fine white	3 00	25 00
ALBA—The big white	2 50	25 00
STELLA—A good variegated	2 50	20 00
SUCCESS—La France color	2 50	20 00
VIOLA ALLEN—A fine variegated	2 50	20 00
APOLLO—Bright scarlet	2 50	20 00
MARSHALL FIELD—Fine variegated	2 50	20 00
HARLOWARDEN—Come to stay	3 00	25 00
McKINLEY—Come to stay	3 00	25 00
Mrs. THEODORE ROOSEVELT—O. K.	3 00	25 00
GOLDEN BEAUTY—Best yellow	1 50	12 00
GOLD NUGGET	1 20	10 00
CRANE—Still good	1 20	10 00
ELDORADO—Good yet	1 00	8 00
ARMAZINDY—Good yet	1 00	8 00
THE MARQUIS—Light pink	1 00	8 00
AMERICA—Best summer bloomer	1 00	8 00
PALMER—The big red	1 00	8 00
MERMAID—Very free, salmon pink	1 00	8 00
GEN. GOMEZ—Good color	1 00	8 00

25 at 100 rate; 250 at 1000 rate. Cash or C. O. D. with privilege of examining. Express prepaid by us at above prices.

California Carnation Co.

LOOMIS, CAL.

Mention the Review when you write.

they were a few days ago and prices are stiffening somewhat. American Beauty roses are offered only in very limited quantity. Brides and Maids that were plentiful two weeks ago are being cut closely and are hardly enough to supply the demand, which is only fair for all kinds of stock. The last roses I have named are selling wholesale today at from 50 cents to $1 per dozen, which is really a very good price for this season of the year. Testont and Kaiserin are selling at 75 cents to $1 per dozen and very few really good ones are seen. With carnations good whites are still scarce and Estelle seems to be off crop with almost all the growers. Lawson, Cressbrook and several other pink sorts are making the best showing at present and some good fancy varieties are selling at 60 cents per dozen wholesale. Flora Hill is the variety we depend on principally for white, but a few of our larger growers have planted considerable stock of White Cloud and Queen Louise, both of which have several good points, but I do not think will supersede Hill as an all around good white. Valley is plentiful. Paper White narcissi are on the wane and the various yellow varieties are very abundant. Daffodils are coming in slowly and the majority of them with very poor stems, owing to the cold weather we have had. A few days' rain and followed by a day or two of sunshine would bring thousands of them into market. I visited one of the largest daffodil farms in this locality a few days ago and was told by the proprietor that the flower stems had not grown to any appreciable extent for the past two weeks, but as there were many thousands of buds in sight there will be an avalanche of blossoms as soon as weather conditions are favorable. Tulips of the Keizerskroon and Rembrandt varieties are in full swing and a few La Reine have made their appearance. I do not think the tulips are in as much demand as they were last season. They are selling at about $3 per hundred. Freesias are plentiful and in good demand. They are one of the most satisfactory flowers a florist can handle, good keepers, easily arranged into tasty bunches, have a delicious perfume and can be handled at a good profit. Violets are plentiful and cheap but some of them show the effects of our recent frosty weather.

G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

	100	1000
White		
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	3.40	30 00
Gov. Wolcott	3 40	30.00
Norway	1 20	10 00
Lillian Pond	5 00	45.00
Chicot	1 20	11.00
Viola Allen	3.00	25 00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	4 00	35.00
Pres. McKinley	5.00	45 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9 00

	100	1000
Scarlet		
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	5.00	45.00
Stella	3 00	25.00
Armazindy	1.00	9.00
Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

Streator, Ill.—The W. C. Hill Floral Co. is buying material for two more carnation houses over 100 feet long. They will be put up as soon as possible.

Washington, Pa.—At a meeting of the Washington Floral Co., held recently, directors were chosen for the ensuing year as follows: W. J. Warrick, William Christman, P. G. Kennedy, J. W. Warrick, Edward Culbertson, A. J. Culbertson, and J. M. Dickson. After the election of directors the following organization was effected: J. M. Dickson, president; W. J. Warrick, secretary and treasurer; John Salmon, manager at the greenhouses; Ella Culbertson, manager at the store.

Adiantum Croweanum

By far the best Adiantum fern that has been introduced to the florists' trade, is a free grower, the darkest green of the Adiantum family and longest stemmed, has the most graceful foliage, the average length of fronds measuring 30 inches, is by far the best keeper — cut fronds can be kept fresh several weeks in a cool place, and it is also one of the best ferns for a dwelling house.

I have given presents of this fern to several Utica friends and from my own observation note it grows better than the Boston fern.

And as I have given up rose cultivation some ten months ago, in order to give all my attention to the fern cultivation, for cut fronds, I find it pays me $1.50 to $1.00 in roses from the same amount of bench room. I will be delighted to give the history, also cultivation of this fern to any purchasers who may desire it. The plants, which will be ready for sale by the 1st of July next, will be from benches and large enough for 4-inch pots, as it is a rapid grower and no easy matter to confine it to a 3-inch pot. The illustration of the small fern shows size of plants when ready to be shipped the 1st of July. The prices will be as follows — **$35** per 100; **$250** per 1000. 250 at 1000 rate.

Philadelphia, Pa.

Mr. Peter Crowe.

Dear Sir—I consider your Adiantum Croweanum a very valuable acquisition to this line of Ferns. It is an excellent commercial variety, good keeper, and has given the best satisfaction wherever we have sold it. Our customers much prefer paying an extra price for it than buying the commoner varieties. The great trouble we find is, we cannot get enough to meet our customers' wants. Yours very truly,

SAMUEL S. PENNOCK.

Detroit, Mich.

Mr. Peter Crowe.

Dear Friend—I am very happy to hear that another good thing is about to be launched, and that is, the fern line. I am satisfied Croweanum is by far the best Adiantum in existence, every frond being perfect. It is certainly an easy grower and money maker. You are deserving of a great success and know you will have it. Hoping for the visit at Carnation meeting, I am,

Yours very truly,

PHILIP BREITMEYER.

This is the size of plant to be shipped July 1st.

Boston, Mass.

Mr. Peter Crowe.

Dear Sir—Having had occasion to note the sale of Adiantum Croweanum in the New York market during the past eighteen months, I have been impressed with its great superiority for florists' use, as cut fronds, and have observed with pleasure the eagerness with which it has been bought by the trade. I congratulate you on the possession of a variety of such sterling commercial merit. Very truly yours,

WM. J. STEWART.

New York City, N. Y.

Mr. Peter Crowe.

Dear Sir—During the two years in which I have had the sale of the fronds of Adiantum Croweanum in New York City, the demand has at all times far exceeded the quantity you have been able to supply me with at $1.50 per 100, while ordinary Cuneatum has been, as a rule, in over supply at half that price. It is without question the best Fern for cut fronds ever seen in this market.

Respectfully yours,

JOHN I. RAYNOR.

Rochester, N. Y.

Mr. Peter Crowe.

Dear Sir—We have used your Adiantum Croweanum several years and must say it beats any Adiantum we ever had. It is certainly par excellence. Yours truly,

SALTER BROS.

Washington, D. C.

Mr. Peter Crowe.

Dear Sir—The fern has been very satisfactory, and we will place a regular order next season for some. Yours truly,

Z. D. BLACKISTONE.

Honolulu, H. I.

Mr. Peter Crowe.

Dear Sir—Your Croweanum sent on Oct. 17th, came to hand on the 29th, and in very fair condition. Kindly send me full information in regard to it.

Respectfully yours, C. F. TRUE.

Denver, Colo.

Peter Crowe, Esq.

Dear Sir—As compared with any other Adiantum, we have found it more graceful and a much more rapid grower, giving a much taller growth than we have ever been able to secure from Cuneatum. Our store men prefer it to any other cut fern. I certainly think it ought to be a winner, not only for you, but for those who buy it. Yours truly,

J. A. VALENTINE,
Pres. Park Floral Co.

Utica, N. Y.

Mr. Peter Crowe.

Dear Sir—Regarding your fern, Croweanum, would say that I have had the variety under observation since your stock appeared. Also that I have used many thousands of the cut fronds, believe it to be positively the best Fern of any family for Florists' use and welcome the chance to buy a stock at what I believe to be a very low rate. Very truly,

C. F. BAKER & SON.

Natick, Mass.

Mr. Peter Crowe.

Dear Sir—I am very pleased to hear that you have decided to put plants of your fern, Adiantum Croweanum, on the market. I have always been more or less interested, as I understand it originated from some plants of Adiantum Cuneatum that I sold you at the Waban Conservatories in the early eighties. I remember the circumstances very well, as I sold the balance of our stock to Robert Craig in 1890. Wishing you every success with it, I remain, Yours truly,

ALEXANDER MONTGOMERY.

Southport, Conn.

Mr. Peter Crowe.

Dear Sir—Adiantum Croweanum is certainly a fine thing; shall want some as soon as you disseminate it.

Very truly yours,

EDW. J. TAYLOR.

San Mateo, Cal.

Mr. Peter Crowe.

Dear Sir—Croweanum arrived here in good salable condition; stems were longest we ever saw in Cuneatum type. Wish you success and a big sale. Yours very truly,

FICK & FABER.

Summit, N. J.

Peter Crowe, Esq.

Dear Sir—Have examined Croweanum with interest. Shall want it as soon as you send it out. It is certainly a great improvement, and I am sorry I cannot get some at once.

Yours truly, E. C. McFADDEN.

Boston, Mass.

Mr. P. Crowe.

Dear Sir—We readily dispose of Croweanum for a much higher price than we receive for Adiantum of ordinary varieties shipped us by our growers. Respectfully,

WELCH BROS.

PETER CROWE, 710 Genesee St., UTICA, N. Y.

DETROIT.

Carnation Convention Plans.

All preparations are now complete for the meeting of the Carnation Society on March 2 and it is hoped that a good attendance, together with a large exhibit of blooms will repay the club for its labors. In reading the reports from the different cities I notice in several that some new varieties are to be shown from that section. It is hoped that everyone having something new will enter it, as this is the best method to show and introduce it to the growers. We look for a large representation of our Canadian brethren and some of our members of the local club are promising themselves a treat by way of retaliation for courtesies extended them some time ago on their visit to Toronto.

It will be a wise precaution for all coming to the convention to come prepared to stay over till Saturday, at least, as there will be something doing on Friday that no one can afford to miss, the details of which I shall give in my next. On Friday evening there will be bowling for those who wish, as the club has arranged for the use of seven alleys for the evening and is ready to challenge any five men for a match game. Every indication points to this meeting of the society as the most successful one in its history. RAG.

DEVILS LAKE, N. D.—P. J. Kersten is planning to build a house, 22x80, in the spring. He will use hot water for heating and will require first-class construction, for the thermometer sometimes registers 45 to 50 degrees below zero.

DAVENPORT, IA. By a deal recently consummated the Allison-Littig Co. sold to Charles Dannacher their property on Brady street, excepting their greenhouses, and bought of Mr. Dannacher his Brady street greenhouse property, except his home. This gives the Allison-Littig Co. a fine double plant which will be consolidated on the former Dannacher property. They will also conduct the down-town store recently opened by Mr. and Mrs. Dannacher.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention The Review when you write.

The Queen Carnation.

Best Commercial White, grand stock.
Rooted Cuttings, $5.00 per 100; $45.00 per 1000
Send for list of New "MUMS."

CHAS. H. TOTTY - MADISON, N. J.
Mention the Review when you write.

CARNATION CUTTINGS.

	100	1000		100	1000
The Queen	$5.00	$40.00	Floriana	$3.00	$25.00
Mrs. Lawson	3.00	25.00	Geo. Maceo	3.00	25 00
Mrs. Bradt	3.00	25.00	Roosevelt	3.00	25 00
Fair Maid	3.00	25.00	Prosperity	3 00	25.00
Lorna	3.00	25.00	CASH WITH ORDER.		

THREAD CITY GREENHOUSES,
THOS. W. SOUTHWARD, WILLIMANTIC, CONN.
Mention The Review when you write

We are still strong on Carnation Cuttings, Rose Cuttings and Roses in 2½-inch pots. See our last week's adv. Our Liberty plants are all gone. You will make no mistake in trying **Uncle John,** the new pink **Rose.**

BENTHEY & CO.,
35 Randolph St., Chicago.

Mention The Review when you write.

CARNATIONS

Sand-Rooted Cuttings

	100	1000		100	1000
White Cloud	$1.50	$12 50	Lawson	$2.25	$20 00
Queen Louise	1 75	15 00	Crane	2.25	20 00
Prosperity	2.25	20 00	Joost	1 50	15 00
Bradt	2.25	20.00	Euchantress	6.00	50.00

250 (at 1,000 rate). Cuttings sent C.O.D. or cash with order. Marie Louise Violet Cuttings, sand rooted, after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.
Mention The Review when you write.

CARNATION CUTTINGS

We now have ready good well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5 00	40
Prosperity	2 50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12 00	100 00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. BILLERICA, MASS
Mention the Review when you write.

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen**, an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,
708 No. 16th St., PHILADELPHIA, PA.
Mention The Review when you write.

WE HAVE GOT THEM!

50,000 YOUNG ROSES

In 2x2½-inch pots. Ready to go out right along. We pack so the cold does not hurt them. The earlier start you get the further along you will be in the spring. Write—

GEO. A. KUHL, PEKIN, ILL.
Mention the Review when you write.

CARNATION ROOTED CUTTINGS

Selection of stock made from thirteen carnation houses. We grow for the wholesale as well as the retail cut flower trade, and grow a large selection of the best varieties in commerce. First prize taken at the Indianapolis Flower Show of 1903 for the largest collection of carnations.

	Per 100	1000		Per 100	1000
Nelson Fisher	$12 00	$100 00	Gaiety	$3.00	$25 00
Mrs. Patten	12 00	100 00	Stella	3.00	25.00
The Belle	12 00	100 00	Lawson	2 50	20.00
Lady Bountiful	12 00	100 00	Morning Glory	2.50	20 00
Flamingo	12 00	100 00	Glacier	2 50	20 00
Adonis	8 00	70 00	Marquis	2 50	20 00
Enchantress	6 00	50 00	Dorothy	2.50	20.00
Boston Market	4 00	35 00	Gov. Roosevelt	2 50	20.00
Fair Maid	4.00	35 00	Joost	2 00	17.50
Gov. Wolcott	4.00	35 00	Lorna	2 00	17 50
Pres. McKinley	3 50	30 00	Norway	2 00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25 00	Gomez	2.00	17.50
Floriana	3.00	25 00	Success	2.00	17.50
Innocence	3 00	25.00	Triumph	1.50	12 50
Prosperity	3 00	25.00	White Cloud	1.50	12.50
G. H. Crane	2 50		Bradt	3.00	

GERANIUM CUTTINGS.

Strong, stocky cuttings, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

ROSES For Spring Blooming..

THE PROPER SORTS.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger, for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.

Large flowered Clematis, finest purple, lavender, white and pink sorts, named, 2-year, at 18c; 1-year, at 9c. Clematis Paniculata 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.

W. H. SALTER, - Rochester, N. Y.
Mention The Review when you write.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Geo. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.
Mention The Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½ inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
Goodenough	2.00
White Cloud	1.50
Flora Hill	1.50
Red.	
Adonis	6.00
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Enchantress	$6.00
Success	4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Geo Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

NEW LIGHT PINK CARNATION

NEW DAYBREAK

To the commercial grower who is looking for profit

this variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000

Other new and standard varieties.

Chrysanthemums. The best new American and foreign varieties and best standard sorts

Write for price list.

H. WEBER & SONS, Oakland, Md.

Mention Review when you write.

CRUSADER

The Best Commercial Carnation of any color ever introduced or in sight.

Everybody who knows CRUSADER will grow it. It is a fine, high built, fringed flower; average size three inches; long, strong stem, free and continuous bloomer; no disease. Every cutting guaranteed. **$10.00** per hundred; **$80.00** per thousand.

WE CAN FURNISH ALL OTHER LEADING VARIETIES

DISCOUNTS GIVEN ON LARGE QUANTITIES.

CHICAGO CARNATION COMPANY, James Hartshorne Manager. **JOLIET, ILL.**

Mention The Review when you write.

PITTSBURG.

The Market.

There is a decided shortening up in the cut of all flowers at this writing, but it is most noticeable in white roses and white carnations, for which the demand exceeds the supply. Beauties of the highest grade are scarce and are held at 50 cents each; best Brides and Maids are 12 cents; occasionally some specials bring 18 cents. Carnations are in only limited demand, and prices are under those of last year at this date, $1.50 to $3 per 100, with some good Enchantress and Prosperity selling at 6 cents. Paper White narcissi, Roman hyacinths, daffodils and tulips are better sale, no accumulations now. Single and double violets of good quality are plentiful and meet with very fair demand. Fine long-stemmed sweet peas are being received, which are sold very low in order to clean up, the price being 30 to 50 cents per 100 in quantities. Mignonette, pansies, daisies, primulas and lilacs meet with a steady call. The wholesalers report shipping business steady.

Various Notes.

The Pittsburg Cut Flower Co. is receiving quantities of fine Enchantress carnations, Maids and Brides from Mr. Burki's Bakerstown plant.

Patrick Maier and M. C. Dunlevy are among the largest forcers of bulbs this season, and they are cutting some very fine tulips and daffodils at present.

The window displays at Mrs. E. A. Williams' Penn avenue store are attracting lovers of the artistic to something new every day.

A. W. Smith was busy last week with several good sized wedding decorations.

E. C. Ludwig was busy with funeral work last Saturday.

Gardenias and cattleyas abounded at T. M. Ulam's last week. He used over 200 cattleyas in one centerpiece.

J. F. Gibbs has sold his Allegheny Market stands to E. C. Ludwig.

B. Eschner, of Rice & Co., Philadelphia, reports a heavy spring business. Some very pretty and new Easter novelties are shown by this firm.

Visitors: E. J. Perry, Greensburg, Pa.; Wm. Cromack, Irwin, Pa.

Hoo-Hoo.

Detroit, Mich.—Park Commissioner Robert Bolger is trying to get an appropriation of $14,000 for new greenhouses at Belle Isle park.

CARNATIONS

ROOTED CUTTINGS READY NOW.
Clean, Healthy Stock, Well Rooted.

	100	1000
Red—		
G. H. Crane	$2.50	$20.00
America	2.50	20.00
Mrs. Potter Palmer	2.50	20.00
Pink—		
Mrs. Lawson	1.50	12.50
Dorothy	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.50	12.50
Triumph	1.50	12.50
Mrs. Joost	1.25	10.00
Ethel Crocker	1.25	10.00
White—		
Flora Hill	$1.25	$10.00
White Cloud	1.25	10.00
Queen Louise	1.50	12.50
Norway	1.50	12.50
Light Pink—		
Enchantress	5.50	50.00
Mrs. Higinbotham	2.50	20.00
Morning Glory	2.50	20.00
Variegated—		
Prosperity	2.50	20.00

ROOTED ROSE CUTTINGS

	100	1000		100	1000
Bridesmaid	$1.50	$12.50	Ivory	$1.50	$12.50
Bride	1.50	12.50	Perle	1.50	12.50

Golden Gate..... $1.50 per 100 $12.50 per 1000

GEORGE REINBERG, 51 Wabash Avenue, **CHICAGO.**

Mention The Review when you write.

PELARGONIUMS Named varieties, large plants, 2½-in. to 3-in. pots, $3.50 per 100; 25 at 100 rate. **Pansy Plants,** large flowering, nice, stocky plants $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias,** separate colors mixed, $3.00 per 100. CASH, PLEASE.

HENRY ERNST & SON,
WASHINGTON, MO.

SHAMROCK
....IRISH....

Strong and fine plants. Better order early. $4.00 per 100; or 60 cts. per doz., by mail.

VERBENA Seed. New French Mammoth, the finest Giants grown, 1000 seeds, 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses
Mention The Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Dend. Chrysanthum and others. To arrive — **CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsterlana.
Price list for the asking.

FERNS

out of 2¼-in. pots, for fern dishes, $25.00 per 1000.

Rooted Chrysanthemums all the standard varieties, $1.50 per 100. Express prepaid. Cash with order please.

LOUIS HOEBEL, Florist, Fort Lee, N. J.
Mention The Review when you write.

100,000 Pansies.

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted, 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18.00 per 1000.

Samuel Whitton, 15-17 Gray Ave., **Utica, N. Y.**
Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—2J and 25c each. **Carnation R. C** — Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18.00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2 in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.
Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Rooted Cuttings.

The Very Best Commercial Varieties.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

ROSES ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
CHATENAY ROSE PLANTS, 2½-inch pots, $6.00 per 100; $50.00 per 1000. Ready March 1
GRAFTED ROSE PLANTS, ready April 1. Liberty, 2½-inch, $15.00 per 100; Brides, 2½-inch, $12.00 per 100; Bridesmaids, 2½-inch, $12.00 per 100. Special rates by the 1000.

CARNATIONS ROOTED CUTTINGS

White.	Per 100	Per 1000
Lillian Poud	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variega ed.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100,	$2.50	Per 1000,	$20.00
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS,
58-60 Wabash Ave, CHICAGO.

Mention the Review when you write.

SPECIAL OFFER

Carnation Cuttings

Ready for Shipment

Our Cuttings are **perfection.** They can't be beat. Having a surplus of these varieties will make special prices for fifteen days. Strong rooted, free from disease.

Pink.	100	1000
Lawson	$1.50	$12.00
Dorothy	1.50	
Joost	1.25	10.00
Marquis	1.25	10.00
White.		
Innocence	1.50	
Glacier	1.50	12.50

White.	100	1000
W. Cloud	$1.25	$10.00
Flora Hill	1.25	10.00
Scarlet.		
Crane	1.50	14.00
Variegated.		
Prosperity	1.50	12.00

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention the Review when you write.

Rooted Carnation Cuttings NOW READY

Enchantress	per 100,	$6.00;	per 1000,	$50.00
Lillian Pond	"	5.00	"	40.00
The Queen	"	5.00	"	40.00

These are extra strong, healthy cuttings, well rooted.

Larchmont Nurseries, - Larchmont, N. Y.

Mention the Review when you write.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS.

	Per 100	1000
Enchantress, lt. pink	$5.00	$45.00
Wolcott, white	3.50	22.00
2000 and over		22.00
Lawson, pink	1.50	12.00
2000 and over		11.00

WE NEED ROOM.

	Per 100	1000
Prosperity, var.	$2.00	$18.00
Lillian Pond, white	3.00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00
Joost, pink	$1.50	$12.00
Higinbo'am, lt. pink	1.50	12.50
Harlowar'en, scarlet	3.00	
Lorna, white	2.50	20.00

Prices in 2½-inch stock on application.

Booking orders for 2½-inch roses and mums, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Mention Review when you write.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.

Mention The Review when you write.

New Carnation LOUISE NAUMANN,

Dark Pink. Produces far more than Lawson and is a better color. Having this variety you can pick every day the year around. Always heavy with buds and flowers. Most excellent keeper. Size 3 to 3½ inches, fringed, never bursts or fades, averages 25 flowers per plant a season, more than any other variety I have ever grown. Come and see them grow. Order now for February delivery.
$1.25 per doz.; $8.00 per 100; $70.00 per 1000. **G. M. NAUMANN,** 1537 Doan St., Cleveland, O.
Also Rooted Cuttings of Enchantress, $6.00 per 100.

Mention the Review when you write.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready Feb. 1, 1904.
$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,

FLATBUSH, N. Y.

Orders may also be sent to the firm of
SLINN & HUGHES, Coogan Bldg., New York City.

Mention The Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices.

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention the Review when you write.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000		Per 100	1000		Per 100	1000
Mme. CHATENAY	$6 00	$50 00	LIBERTY	$6 00	$50 00	PERLE	$3 00	$25 00
SUNRISE	5 00	40 00	MAID	3 00	25 00	GOLDEN GATE	3 00	25 00
KAISERIN	4 00	35 00	BRIDE	3 00	25 00	IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000		Per 100	1000		Per 100	1000
IVORY	$1 50	$12 50	BRIDE	$1 50	$12 50	PERLE	$1 50	$12 50
MAID	1 50	12 50	GOLDEN GATE	1 50	12 50	SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

INDIANAPOLIS.

On February 2 the State Florists' Association held its regular monthly meeting, with President E. A. Nelson in the chair. On account of the severe cold weather the attendance was very small, but if the stay-at-homes had known what was in store for them in the shape of an interesting paper by J. A. E. Haugh, of Anderson, on the subject "Our Customers," there undoubtedly would have been a larger attendance. Mr. Haugh's paper was brim full of practical suggestions to the retailer and especially to those having greenhouses in connection with their store. They have an order sheet that is just about perfection and Mr. Haugh says that they never have any trouble if the blanks are filled out properly. Mr. Haugh was the only out-of-town member in attendance.

At the next meeting J. A. Rieman will read a paper on "Cutting and Handling Flowers." All the members are urged to come and be prepared to help in the discussion following the reading.

On February 8, A. Wiegand started south with a train load of business men from this city. They are to visit New Orleans and many other points in the south and are to be away about two weeks.

A. B.

NEEDHAM, MASS.—Denys Zirngiebel says that with him Lawson, Enchantress, Boston Market and Fair Maid are the leading carnations. He thinks hybridizers have made no mistake in infusing Lawson blood in their seedlings.

OKLAHOMA CITY, OKLA.—The Oklahoma Floral Co., having gone into the seed and nursery business so extensively, has changed its name to The Stiles Co. They have rented a store and basement in the new Opera House building and are getting ready for spring business. Ralph M. Ward, of New York, was a caller last week.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903 scored 85 points Chicago Nov. 18, 1903; Certificate of Merit, Cincinnati Florists' Club Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association Jan. 12 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000	
Crane	2.50 "	20.00	"
Estelle	3.00 "	25.00	"
White Cloud	1 50 "	12.50	"
Lorna	2.00 "	18 00	"
Viola Allen	3.00 "	25 00	"
Floriana	2.00 "	18 00	"
Queen Louise	2.00 "	18 00	"
Ethel Crocker	1 50 "	12 50	"
Lawson	2 00 "	18 00	"

McKinley.....$3 00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3 00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

—ROOTED— CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention Review when you write.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50 00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond	5 00	45 00	Harry Fenn	5.00	40 00
Prosperity	2 50	20 00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook	2 50	20 00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention the Review when you write.

DECORATIVE PLANTS

PALMS

ARECA LUTESCENS.

	Plants in pot.	In. high.	Per doz.	100
3-in. pots,	2	12 to 15	$1.25	$10.00
4-in. "	3	15 to 18	3.00	20.00
5-in. "	3	18 to 24	5.00	40 00
6-in. "	3	28 to 30	1.00 each.	
7-in. "	3	30 to 36	1.50 "	
8-in. "	3	36 to 42	2.50 "	
10-in. "	3	48 to 54	10.00 "	

COCOS WEDDELIANA.

A grand lot of 3-inch pots, 10 to 12 inches high, $2.00 per dozen, $15.00 per 100, $110.00 per 1000.

LATANIA BORBONICA.

	Leaves.	In. high.	Per doz.	100
3 in. pots,	5 to 6	12 to 15	$1.00	$8.00
4-in. "	5 to 6	15	2.50	20.00
6-in. "	5 to 6	18 to 20	6.00	50.00

KENTIA BELMOREANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00

KENTIA BELMOREANA.

	Leaves.	In. high.	
6-in. pots,	6	20 to 26	$1.00 each.
6-in. "	6	28 to 30	1.25 "
6-in. "	6 to 7	30 to 36	1 50 "
7-in. "	6 to 7	30 to 36	2 00 "
8-in. "	6 to 7	36	2.50 "

KENTIA FORSTERIANA.

	Leaves.	In high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00
6-in. "	6	28 to 30	1.00 each.	
6-in. "	6	30 to 32	1.25 "	
6-in. "	6	32 to 36	1.50 "	
7-in. "	6	36	2.00 "	
8-in. "	6	42	2.50 "	
8-in. "	6 to 7	4 ft. high,	4 00 "	
8-in. "	6 to 7	4 to 4½ ft. high,	5.00 "	
9-in. "	6 to 7	5½ to 6 "	6 00 "	
10-in. "	6 to 7	5½ to 6 "	7.50 "	
10-in. "	6 to 7	5½ to 6 "	10.00 "	
10-in. "	6 to 7	6 "	12.50 "	
12-in. tubs,	6 to 7	7 "	20.00 "	
12-in. "	6 to 7	7 to 8 "	25.00 "	

MADE-UP KENTIA FORSTERIANA.

	Plants in pot.	In. high.	Per doz.	100
4-in. pots,	3	15	$4.00	$30.00
5-in. "	3	18 to 20	6.00	50.00
12-in. "	3 to 4	5½ to 6 ft. high,	12 50 each.	
	Plants in tubs.	Ft. high.	Each.	
12-in. tubs,	3 to 4	6 to 7	$15.00	
12-in. "	3 to 4	7 to 8	20.00	

The plants at $15 00 and $20.00 each are the best values we have ever sent out in decorative plants. They will be found an excellent investment.

PHOENIX CANARIENSIS.

A fine lot of shapely, well-furnished plants of this useful, hardy decorative Palm in light wooden tubs, 3 feet high, $5.00 each.

FERNS FOR DISHES.

	For immediate use.	100	1000
2¼-inch pots, assorted varieties		$3.00	$25.00
3-inch " " "		6.00	

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100; **$17.50** per 1000.

CASH WITH ORDER.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

..FERNS..

Boston and Piersoni

Pot-Grown Plants.
Finest Quality.

Bostons—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni—Strong rooted runners reduced to $5.00 per 100. 2½-in., $8 00 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

CASH WITH ORDER.

DAVIS BROS., Geneva, Ill.

Mention Review when you write

Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2-inch ..... .50 "

Send for **Cryptomeria Japonica** circular; we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica,

12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2 50** " **$20** "
20 to 24 inches high ..... **$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

ARAUCARIA EXCELSA, 6-in. pots 20 23, 25 in. high, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3 00 each, worth $10 00 retail; 5¼-in. pots, 40c to 50c.

Dracaena Brnanti. 6-in. pots, 20 to 25 inches high, to make room for Easter plants, cut down from 50c to 35c.

Ficus Elastica. (Rubber Plants). 6-in. pots, from 20 to 28 inches high, at $3 00, $4.00, $5.00, $6.00 per doz.

Begonia Pres. Carnot, 6-inch pots, $2 50 per doz., in bud and bloom. Other varieties, mixed, 4-inch, $1 80 per doz.

Cyclamen in bud and bloom, 4-inch, $2 00 doz.

Primula Obconica in bloom, $1.80 doz.

Cinerarias, large, 4-inch, $8 00 per 100.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants,
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.

Mention The Review when you write.

CANNAS

We devote a large acreage of ground to the cultivation of cannas and our list of varieties is complete, including all the novelties and standard kinds. Prices as low as any for first-class stock. Write for price list.

Wagner Park Conservatories,
SIDNEY, OHIO.

Mention The Review when you write.

ROOTED CUTTINGS

COLEUS, Verschaffeltii, Golden Bedder and Firebrand	$0.75 per 100	6.00 " 1000
Ten best sorts, bright colors, in variety	.60 " 100	5.00 " 1000
CUPHEA, CIGAR PLANT	.60 " 100	
SALVIAS, Splendens and Bonfire	1.00 " 100	9.00 " 1000
HELIOTROPES, Light and dark	1.00 " 100	9.00 " 1000
ARGERATUM, Stella Guerney	.60 " 100	5.00 " 1000
LOBELIAS, Fancy Blue (the best)	.60 " 100	5 00 " 1000
WATER IVY	.60 " 100	
SWEET ALYSSUM, Giant Double	60 " 100	5.00 " 1000
MARGUERITES, White and Yellow	1.00 " 100	
CHRYSANTHEMUMS. "Estelle," the best Early White, true stock	1.50 " 100	12.00 " 1000

All strong, well rooted; well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage.

Cash with order, please.

"CRITCHELL'S," AVONDALE, CINCINNATI, O.

ASPARAGUS

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, 2-inch pots	1.50
Geraniums—10 varieties	3.00
Coleus—10 varieties, 2-inch	2.00
PANSY PLANTS	.50 per 1000 $2.50

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

New Crop Asparagus Plumosus and Sprengeri Seed.

WRITE FOR PRICES.

Carnation Cuttings.

Healthy, Well-rooted Stock.

	100	1000
VESPER, the finest white Carnation on the market.	$10.00	$75.00
Lillian Pond, Her Majesty, The Queen	5.00	40.00
Enchantress, Gov. Lowndes	6.00	50.00
Nelson	3.50	30.00
Fair Maid, Lawson, Prosperity and Golden Beauty	3.00	25.00
Queen Louise, Melba, Crane	2.00	18.00
Adonis	8.00	.....

Carnation Cuttings.	Per 100	1000
Mrs. Roosevelt, McKinley and Marshall Field	$5.00	.....
Estelle	4.00	$30.00
Gov. Wolcott	4.00	.....
Joost and Flora Hill	1.50	12.00

Can also furnish all other good varieties.

Grafted Roses on Manetti Stock.

	100	1000
Bridesmaid Bride	$15.00	$120.00
Golden Gate and Ivory	15.00	120.00
Franz Deegen	15.00	120.00

Kentia Belmoreana.

Pots.	Leaves.	Height.	Per 100.	Per 1000
2½-in.	4 to 5	18 to 20-in.	$6.00	$50.00

Cocos Weddeliana.

Good strong plants in 3-inch pots...$15.00 per 100

Asparagus Plumosus.

2¼-inch pots.....$3.50 per 100; $30.00 per 1000
3 " ..... 6.00 " 55.00 "

We have an exceptionally fine lot of Areca and Kentia Belmoreana, made-up plants, in 6-in., 8-in. and 10-in. pots. Extra fine Kentias in 12-in. tubs. Write for prices.

SAMUEL S. PENNOCK, 1612 LUDLOW STREET, PHILADELPHIA.

Mention the Review when you write.

MONTREAL.

Business Dull

The florists of this city are experiencing the dullest period they ever had. Business since New Year's does not seem to pick up a bit and from what I hear it is general among all retailers. Good roses are very scarce and even those which could always be disposed of are now thrown to the waste. The inactivity in the business is mainly due to the reverses that the stock brokers are experiencing all over the city. The florists are certainly the first to feel its consequences and many changes in the trade are feared to be recorded in the near future.

The weather also is not helping to improve the state of affairs. Snow storms are succeeding each other at close intervals of sharp and bitter cold, bringing the mercury down to 30 degrees below zero.

Club Doings.

The Gardeners' and Florists' Club is progressing. The last meeting, held on February 1, had the best attendance seen for years, owing, probably, to the matter of electing a new president to replace W. Whiting, who has left Montreal. Joseph Bennett was unanimously chosen to occupy the chair, but not without some objection on his part, saying that he was not in position to preside at all meetings with regularity, as the chairman is expected to do, because he would be obliged to attend to his houses with more of his time than he has done in the past. But the club made things easy for him and he took the chair with the applause of the members.

A. Bee.

PETOSKEY, MICH.

Our winter has been a very cold one, 20 degrees below zero some mornings, and it has snowed every day for seventy days. When it ranges from 12 above to 16 below for four weeks it takes fuel and a man at the stoke hole most of the time. Roses are poor; the nights too cold. Carnations have done well considering the dark days and no sunshine; lack of ventilation makes havoc with the blooms. Lawson is not nearly as good as last season. Roosevelt, Bon Homme Richard and Mrs. Palmer are blooming well, except that the latter splits badly. The price of carnations has held at 50 cents a dozen all winter; that is stiff for these parts. Funeral work has kept us busy and stripped of all salable stock.

Fitzgerald, Ga.—Joel Thomas says the weather has been favorable, the coldest night so far 16 degrees above zero. He is looking for a good trade in a few weeks.

GERANIUMS and MISCELLANEOUS STOCK.

From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20.00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pompon Chrysanthemums, large flowering or Aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.		
Coleus, 15 varieties ...per 1000, $15.00,	40c	2.00
Dahlias, roots $5.00 per 100; $40.00 per 1000. List of varieties on application.		
Fuchsias, in variety	50c	2.50
Hardy English Ivy....per 1000, $15.00,	40c	2.00
Hardy English Ivy, rooted cuttings..		75
Heliotrope, in variety	40c	$2.00
Hibiscus, in assortment.	60c	4.00

	Per doz.	Per 100
Forget-Me-Nots, large flowering	40c	2.00
GERANIUMS, such varieties as Centaur, Gillean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant Queen of the West, Single Gen. Grant, etc	40c	2.00
GERANIUMS—Scented, Balm, Nutmeg, Lemon, Shrubland Pet, Rose,	40c	2.00
Hult's Mammoth Sage, per 1000 $15.00,	40c	2.00
Lemon Verbena.... ...per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3.00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax.....per 1000 $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" Rosea	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

Geraniums..

Rooted cuttings, true to name, leading kinds and colors, $2.00 per 100; $15.00 per 1000.

VINCAS—Variegated, from 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention the Review when you write.

SEASONABLE STOCK.	Per 100
Geraniums, all leading varieties, mix., 2½in.	$2 25
Rose Geraniums, 2½-in	2 50
Ivy Geraniums 2-in	2 00
Petunias, all colors, mixed, 2 in	2 00
Heliotropes, Jersey Beauty 2-in	2 25
Pelargoniums, mixed varieties, 2½-in	3 00

Rooted Cuttings—Feverfew, Vinca Var., Coleus and German Ivy, $1.00 per 100. Cash please

CONVERSE GREENHOUSES, Webster, Mass.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. Asparagus Sprangeri, 4-in, $6.00 per 100. Dracaena Indivisa, 3-in. strong, $8.00 per 100. Kentias—Ficus.

L. H. FOSTER, 45 King St., Dorchester, Mass.

Mention The Review when you write.

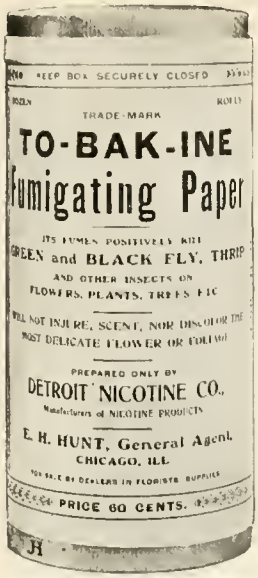
JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.



TO-BAK-INE

FUMIGATING PAPER.

A slow-burning paper especially prepared and thoroughly saturated with pure nicotine, making its vapors **SURE DEATH to APHIS, RED SPIDER, THRIPS and all insects infesting greenhouses and attacking plants.** It will **NOT INJURE** the most delicate flower or plant, **being free from ammonia.**

One box (12 rolls) 60c **One case (144 rolls) $6.50**

Write for "WORDS OF WISDOM," by Leading Growers. It is mailed free.

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JOHN H. DUNLOP....5 W. King St., Toronto, Ont.
WM. BRINKER...329 Prospect St., Cleveland, Ohio.
MICHIGAN CUT FLOWER EXCHANGE, 26 Miami Ave., Detroit, Mich.
E. H. HUNT.....76-78 Wabash Ave., Chicago, Ill.
HOLTON & HUNKEL, 457 Milwaukee St., Milwaukee, Wis.
ST. LOUIS SEED CO., 615 N. Fourth St., St. Louis Mo.
BARTELDES & CO..... 1521 15th St., Denver, Colo.
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Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. *All dealers sell it!*

NICOTINE MFG. CO.
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Help for Florists!

If you are troubled with Bugs and want to get more out of the business than they do and have not yet used

NICOTICIDE BUG KILLER

Just send us your name and address and that of your dealer and we will make you an attractive and interesting proposition.

Tobacco Warehousing and Trading Company,
1004-1006 Magnolia Avenue,
Louisville, Kentucky.

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TOBACCO STEMS

ALL AVAILABLE QUALITY GUARANTEED

IN PRESSED BALES About 500 Lbs Each Price per 100 Lbs $1.00

E. F. WINTERSON CO.
45-47-49 Wabash Ave., CHICAGO

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LIGHTNING FLOWER POT WASHER

Washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15.00 net, f. o. b. Joliet.

C. E. FINLEY, - JOLIET, ILL.

Mention Review when you write.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. Stevia stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Cycas Revoluta!

Delivery March 1904 and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs., assorted			**$60.00**
500	"	"	32.50
100	"	"	7.50

Above goods are offered f. o. b. railroad freight depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHYRANTHES.

Achyranthes Lindenii and metallica, 2-in. pots, $2.50 100; rooted cuttings, $1.00 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, 2-in. pots, $2.00 100; rooted cuttings, $1.00 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

ALTERNANTHERAS.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Sweet alyssum, Dbl. Giant, 2¼-in., $2.00. Rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Alyssum, 2-in. pots, $2.50 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.

ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, 3-in., $3.00; 4-in., $8.00; 5-in., $10.00, very large, ornamental plants now ready for 6 or 7-in. Plumosus, 3-in., $3.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00; 3½-in., $5.00 100. All extra strong and need a shift. Cash, please.
J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

400 Asparagus plumosus nanus in 4-inch pots, to close out, as we need room, $6.00 per 100.
Superior Floral Co., Toledo, O.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2¼-in., $3.50 100, $30.00 1000; 3-in., $6.00 100, $55.00 1000.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Asparagus Sprengeri, extra strong, 3-in., $4.00 100 or 200 for $7.50.
C. L. Tipton, Little Rock, Ark.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Springeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's White Commercial. Grow them to sell. Sell them for chrysanthemums, or cash—you're the doctor. (See displayed.)
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

BEGONIA VERNON, red, white and pink, separate colors and mixed; strong plants ready to pot, $1.25 per 100; $10.00 per 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Rex begonias, well established young plants from sand bed, mixed assortment, not labeled, $1.50 per 100, postpaid.
A. B. Davis & Son, Purcellville, Va.

Rex begonias, a number of the best varieties, 2-in., $4.00 100. Begonia aurea maniculata, 2-in., $4.00 100.
N. O. CASWELL, Delavan, Ill.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Pres. Carnot, 6-in. pots, $2.50 doz., in bud and bloom. Other var. mixed, 4-in., $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia Vernon, pink and scarlet, 2¼-in., $1.50 per 100. Cash.
N. P. Colberg, Morris, Ill.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Japan, dbl. fl. cherries, pot-grown, fancy twisted, full of buds, 75c each, $8.00 12, $60.00 100. H. H. Berger & Co., 47 Barclay St., N. Y.

BULBS.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.

GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Begonia, tuberous rooted, single, in four sep. colors, 1—2-in., 35c doz., $2.25 100; mixed, all colors, 30c doz., $2.00 100; dbl., four sep. colors, 1—2-in., 65c doz., $4.50 100; mixed, all colors, 60c doz., $4.00 100.

Gloxinia crass. erecta, white, red, blue, violet, mottled, separate, 60c doz., $4.00 100; all colors mixed, 40c doz., $3.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

We are growers and wholesale dealers in high-class flowering bulbs. Prices, to the wholesale trade only, on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.

Gloxinia crassifolia erecta, giant flowering. Mixed—First size, 1-in. and over, 40c doz., $3.25 100; large size, 1¼ to 1½-in., 50c doz., $4.00 100; extra large, 1½ to 2-in., 65c doz., $4.75 100. White, blue, spotted, extra large, 1½ to 2-in., 75c doz., $5.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

8,000 Caladium esculentums, good live centers, 6 to 8 in., $1.25 per 100; $12.00 per 1000; 4 to 6 in., 60c per 100, $5.00 per 1000. See Canna adv.
Mrs. Theodora S. Ellis, Griffin, Ga.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

20,000 dwarf Pearl tuberose bulbs, 4 to 6-in. in circ., at $4.00 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Mixed lot fancy-leaved caladiums, 75c per doz. bulbs.
Albert Buckwell, Woodbridge, Fla.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

CALLAS.

Calla lilies, 4-in., strong, ready for 5-in., $8.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

CANNAS.

35,000 cannas in the very best varieties, 2 to 3 eyes to the piece, true to name, perfectly sound; will be well packed for freight or express shipment; C. O. D., or will be booked for future shipment if one-fifth of order is remitted. Martha Washington, bright rose; Mlle. Berat, rosy carmine; L. Patry, salmon rose; F. Reif, salmon; Pres. Cleveland, orange scarlet; Chas. Henderson, crimson; Mme. Crozy, vermillon and gold; M. J. Desloges, dazzling orange scarlet; Duke of Marlborough, velvety maroon; Queen Charlotte, orange scarlet and gold. Price: $1.25 per 100; $12.00 per 1000.

Alemannia, scarlet and gold, very large; Burbank, canary yellow, throat spotted with crimson. Price: 80c per 100; $7.50 per 1000.

See Caladium adv. under bulbs.
Mrs. Theodora S. Ellis, Griffin, Ga.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100	Pres. Cleveland.
Bassett's Red, $3.00 100	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	
Florence Vaughan.	Souv. de A. Crozy.

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Parthenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

Cannas, Chas. Henderson, Duke of Marlborough, Crimson Bedder, Queen Charlotte, Alemannia, America, Chicago and Pres. McKinley, $1.75 per 100; $15.00 per 1000. Other standard and new varieties, cheap.
W. W. Dedrick, Ashley, Ind.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc. A. J. Baldwin, Newark, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas. Strong tubers, 2 to 3 eyes, all sound, fine stock, $1.25 per 100; $10.00 per 1000. Austria, Burbank, Childsii, Alemannia, Chas. Henderson, Ex. Campbell. All true to name. W. R. Gray, Oakton, Fairfax Co., Va.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crousse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas, all the novelties and standard kinds. Write for price list.
Wagner Park Conservatories, Sidney, O.

CARNATIONS

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Pink—	100	1000	Red—	100	1000
Enc'tress	$6.00	$50.00	Palmer	$2.00	$15.00
Mor'ng G.	2.00	15.00	Chicago (Red Bradt)	2.00	15.00
Higinb'am	1.50	12.50	Estelle	2.00	15.00
Mrs. Lawson	1.50	12.50	Harl'den	3.00	25.00
G. Angel.	1.25	10.00	White—		
Cressbrook	1.50	12.50	Her Maj.	3.00	25.00
			W. Cloud.	1.50	12.50
			Flora Hill.	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Enchantress	$6.00
Queen Louise	1.50	Success	4.00
Lorna	2.50	Mrs. Higinbotham	5.00
Good Enough	2.00	Cresbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Red—		Dorothy	2.00
Adonis	6.00	Sunbeam	2.50
Mrs. P. Palmer.	3.00	Morning Glory	1.50
J. H. Manley	4.00	Mrs. Joost	1.25
Oriole	2.50	Daybreak	1.25
G. H. Crane	2.00	Wm. Scott	1.25
Jubilee	1.50	Crocker	1.25
Portia	1.25	Mermaid	2.00
Yellow—		Floriana	1.50
D. Whitney	5.00	Crimson—	
Buttercup	3.00	Harry Fenn	5.00
Gold Nugget	2.00	Gov. Roosevelt	2.50
Eldorado	1.25	Gen. Maceo	1.50

Variegated—Prosperity, $2.50 100; Mrs. G. M. Bradt, $3.00 100.
J. L. Dillon, Bloomsburg, Pa.

Carnation rooted cuttings. Selection of cuttings from 13 carnation houses.

	100.	1000.		100.	1000.
Fisher	$12.00	$100.00	Galety	$3.00	$25.00
Patten	12.00	100.00	Stella	3.00	25.00
The Belle	12.00	100.00	Lawson	2.50	20.00
Bountiful.	12.00	100.00	Mng. Glory	2.50	20.00
Flamingo.	12.00	100.00	Glacier	2.50	20.00
Adonis	8.00	70.00	Marquis	2.50	20.00
Euch'tress	6.00	50.00	Dorothy	2.50	20.00
Boston Mkt	4.00	35.00	Roosevelt	2.50	20.00
Fair Maid	4.00	35.00	Joost	2.00	17.50
Wolcott	4.00	35.00	Lorna	2.00	17.50
McKinley	3.50	30.00	Norway	2.00	17.50
Nelson	3.00	25.00	Maceo	2.00	17.50
Estelle	3.00	25.00	Gomez	2.00	17.50
Floriana.	3.00	25.00	Success	2.00	17.50
Innocence.	3.00	25.00	Triumph	1.50	12.50
Prosperity	3.00	25.00	W. Cloud.	1.50	12.50
Crane	2.50		Bradt	3.00	

W. J. & M. S. Vesey, Fort Wayne, Ind.

Rooted carnation cuttings; clean, healthy stock, well rooted.

Red.	100.	1000.	White.	100.	1000.
Crane	$2.50	$20.00	F. Hill	$1.25	$10.00
America	2.50	20.00	W. Cloud.	1.25	10.00
Palmer	2.50	20.00	Q. Louise.	1.50	12.50
Pink.			Norway	1.50	12.50
Lawson	1.50	12.50	Light Pink.		
Dorothy	1.50	12.50	Enchantress	5.50	50.00
Nelson	2.50	20.00	Hig'botham	2.50	20.00
G. Angel.	1.50	12.50	M. Glory.	2.50	20.00
Triumph	1.50	12.50	Variegated.		
Joost	1.25	10.00	Prosperity.	2.50	20.00
Crocker	1.25	10.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	3.40	30.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.20	10.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.20	11.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	Harlowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	5.00	45.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	4.00	35.00	Armazindy	1.00	9.00
P. McK'ley	5.00	45 00	Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	Per 100.	1000.	White.	100.	1000.
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.50	20.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley.	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov.L'ndes	3.00	25.00
Red.			Marion	1.25	10.00
Estelle	2.50	20.00	Variegated.		
Mrs. Ine.	1.25	10.00	Prosperity.	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Bradt	2.00	15.00
H'low'den.	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Transplanted carnation rooted cuttings:

	100	1000		100	1000
Violania	$12.00	$100	Golden Beauty	$1.50	$12
Los Angeles	3.00	25	Gold Nugget	1.20	10
Alba	2.50	25	Crane	1.20	10
Stella	2.50	20	Eldorado	1.00	8
Success	2.50	20	Armazindy	1.00	8
V. Allen	2.50	20	Marquis	1.00	8
Apollo	2.50	20	America	1.00	8
M. Field	2.50	20	Palmer	1.00	8
Harlowarden	3.00	25	Mermaid	1.00	8
McKinley	3.00	25	Gomez	1.00	8
Mrs.T.R'velt	3.00	25			

Express prepaid. 25 at 100 rate; 250 at 1000 rate. Cash or C. O. D., with privilege of examining.
California Carnation Co., Loomis, Cal.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane.	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond.	5.00	40	Floriana	2.00	15
Mrs. Nelson.	2.50	20	Gov. Roosev't	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt.	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill.	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	
Mrs. Joost	2.00	15	J. H. Manley	3.00	

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink.	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Reliable carnation cuttings now ready, strongly rooted.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.00	$17.00
Bradt	1.50	12.00	Lorna	1.60	12.00
Crane	1.50	12.00	Melba	1.50	10.00
E'chantress	6.00	50.00	M. Glory	1.50	12.00
Estelle	2.50	20.00	Norway	1.50	12.00
Flora Hill.	1.50	12.00	Palmer	1.50	12.00
Lord	1.50	10.00	Peru	1.50	12.00
Angel	1.50	10.00	Q. Louise.	1.50	12.00
			Roosevelt	1.50	12.00

Cash with order or C. O. D.
SOL. GARLAND, Des Plaines, Ill.

Rooted carnation cuttings. Special prices.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$1.50	$12.00
Wolcott	3.50	25.00	Pond	3.00	25.00
Lawson	1.50	12.00	Harlow'den	3.00	
Palmer	1.50	12.00	H'botham.	1.50	12.50
Prosperity.	2.00	18.00	Lorna	2.50	20.00

Pochlmann Bros. Co., Morton Grove, Ill.

Strong carnation cuttings.

	100.	1000.		100.	1000.
The Queen.	$5.00	$40.00	Floriana	$3.00	$25.00
Lawson	3.00	25.00	Maceo	3.00	25.00
Bradt	3.00	25.00	Roosevelt.	3.00	25.00
Fair Maid.	3.00	25.00	Prosperity.	3.00	25.00
Lorna	3.00	25.00	Cash with order.		

THOS. W. SOUTHWARD, Willimantic, Conn.

Well rooted carnation cuttings, extra fine.

	100		100
Glacier	$2.00	Frances Joost	$2.00
Queen Louise	2.00	G. H. Crane	2.50
Boston Market	3.50	Challenger	2.50
Gov. Wolcott	3.50	G. H. Manley	2.50
Lillian Pond	5.00	Harry Fenn	3.00
The Queen	5.00	Gen. Maceo	2.00
Mrs. Lawson	3.00	Mrs. Bradt	2.50
Fair Maid	3.00	Prosperity	3.00
Morning Glory	2.00	Admiral Cervera	3.00

Write for special prices on large lots.
Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk.	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

Carnation cuttings. Healthy, well rooted stock.

	100	1000		100	1000
Pond	$5.00	$40.00	Her Majesty	$5.00	$40.00
Wolcott	4.00		Q. Louise.	2.00	18.00
Enchantress	6.00	50.00	Queen	5.00	40.00
Fairmaid.	3.00	25.00	Prosperity	3.00	25.00
Lawson	3.00	25.00	Estelle	4.00	30.00
Adonis	8.00		Nelson	3.50	30.00
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty.	3.00	25.00
M. Field.	5.00		Hill	1.50	12.00
Joost	1.50	12.00			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.
Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. INDIANAPOLIS. $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1.50		Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise.	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud.	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	Harlowarden	5.00	
Her Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

Carnation cuttings, well rooted No. 1 stock.

	100	1000		100	1000
Cressbrook	$2.00	$15.00	Estelle	$4.00	$35.00
Joost	2.00	15.00	Pond	6.00	50.00
Enchant	6.00	50.00	Queen	5.00	40.00
Fair Maid.	3.00	25.00	Murphy's	4.00	35.00
Lawson	3.00	25.00	Wolcott	3.50	30.00
Roosevelt	3.00	25.00	B. Market.	3.00	25.00
Maceo	2.50	20.00	Q. Louise.	2.00	15.00
Crane	2.50	20.00	Freedom	1.50	10.00
Adonis	8.00	70.00			

P. E. Richwageo, Needham, Mass.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.
H. Weber & Sons, Oakland, Md.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted.
The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please		

GEO. E. BUXTON, Nashua, N. H.

Carnation cuttings. Rooted in the cold:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Lawson	$1.40	$12.50
F. Hill	1.20	10.00	Mermaid	1.20	10.00
Crane	1.20	10.00	Eldorado	1.00	9.00
Palmer	1.20	10.00	Prosperity.	1.40	12.00

5 per cent on $5.00 orders, 10 per cent on $10.00 orders. Express prepaid. Cash.
The Knoll Nurseries, Loomis, Cal.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$12.00	Glacier	$1.50	$12.50
Dorothy	1.50	—	W. Cloud	1.25	10.00
Joost	1.25	10.00	Hill	1.25	10.00
Marquis	1.25	10.00	Crane	1.50	14.00
Innocence	1.50	—	Prosperity	1.50	12.00

Buckley Plant Co., Springfield, Ill.

Rooted Carnation Cuttings.

	100		100
Enchantress	$5.00	Fair Maid	$2.50
Queen	4.00	Lawson	2.50

H. F. LITTLEFIELD, Worcester, Mass.

Rooted carnation cuttings. Enchantress, $6.00 100, $50.00 1000. Lillian Pond and The Queen, $5.00 100, $40.00 1000. These are extra strong and well rooted.
Larchmont Nurseries, Larchmont, N. Y.

CARNATIONS—Continued.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lil'n Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	....

Isaac H. Moss, Govanstown, Md.

	100	1000		100	1000
Queen	$4.25	$37.00	Lawson	$1.60	$13.50
Enchant	5.00	45.00	Prosperity	1.60	13.50
America	1.20	10.50	Marquis	1.20	10.50
Palmer	1.25	11.50	Mermaid	1.20	10.50

All other varieties at equally low prices. Cash with order.

B. Merkel & Sons, Carlstadt, N. J.

Carnations, sand-rooted cuttings.

	100	1000		100	1000
W. Cloud	$1.50	$12.50	Prosperity	$2.25	$20.00
Q. Louise	1.75	15.00	Lawson	2.25	20.00
Bradt	2.25	20.00	Crane	2.25	20.00
Joost	1.50	15.00	Enchant	6.00	50.00

250 at 1000 rate. Cash or C. O. D.

A. Laub & Son, Hughsonville, N. Y.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchant'ss	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud	2.50	20.00
America	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo Niessen, 1217 Arch St., Philadelphia.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Rooted carnation cuttings. Strong, healthy plants.

	100	1000		100	1000
Enchantress	$6	$50	The Queen	$6	$50
Fairmaid	4	30	Wolcott	4	30
Boston Market	4	30	Lawson	3	20

Henry A. Stevens Co., Dedham, Mass.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquis	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Rooted carnation cuttings. Cash or C. O. D.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.50
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

St. Louis Carnation Co., Clayton, Mo.

Rooted cuttings now ready.

	100	1000		100	1000
Joost	$1.50	$12.00	Roosevelt	$2.50	$20.00
Hill	1.50	12.00	Lady Emma	2.00	15.00
Marquis	2.50	20.00	McGowan	1.25	10.00

E. A. Bennett, Rockville Center, N. Y.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.

W. W. Coles, Kokomo, Ind.

Rooted carnation cuttings, clean and well rooted, $1.50 per 100. Prosperity, Joost, Crane, Lawson, Morning Glory, Higinbotham, Norway, Flora Hill and others. 2¼-in., $2.50 per 100. Cash.

N. P. Colberg, Morris, Ill.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.

C. W. Blatchley, Plantsville, Conn.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Crusader, the best commercial carnation of any color ever introduced. Every cutting guaranteed. Price: $10.00 100, $80.00 1000.

We can furnish all other leading varieties. Discount on large orders.

Chicago Carnation Co., Joliet, Ill.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.

Sidney Littlefield, North Abington, Mass.

Strong, well rooted carnation cuttings. WHITE BRADT, the white sport of Mrs. Geo. M. Bradt, $1.50 per 25; $5.00 per 100; $22.00 per 500. Cash with order or C. O. D.

John E. Sten, Red Wing, Minn.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100, $75.00 1000.

Jerome A. Suydam, Flatbush, N. Y.

Good, strong, healthy, well rooted cuttings, as follows: Floriana, $3.00 100; $25.00 1000. Lorna, $3.00 100. Queen Louise, $3.00 100. Now ready. Cash with order.

Joseph Towell, Paterson, N. J.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

Fisher and Joost carnations, for summer blooming, in 2-in. and rooted cuttings. Also all the other good varieties of carnations. Write

Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings. Lawson, $2.50 100; Cervera, $2.00 100; Queen Louise, $2.00 100; Goethe, $3.00 100; Genevieve Lord, $2.00 100.

H. Weston, Hempstead, N. Y.

Enchantress. Choice A No. 1 rooted cuttings, $6.00 100; $50.00 1000. Also other leading varieties. Write for prices.

Lake Shore Greenhouses, Albert Lea, Minn.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.

C. C. Pollworth Co., Milwaukee, Wis.

50,000 rooted carnation cuttings. Our stock is excetionally fine. Send for list of varieties and prices.

C. Akehurst & Son, White Marsh, Md.

New carnation, LOUISE NAUMANN. Send in your order now. Price, $1.25 doz., $8.00 100, $70.00 1000.

G. M. Naumann, Doan St., Cleveland, O.

The QUEEN carnation, best commercial white. Grand stock. Rooted cuttings, $5.00 100; $45.00 1000. C. H. Totty, Madison, N. J.

Carnation Lawson now ready. $2.00 per 100, well rooted from healthy plants.

Crown Point Floral Co., Crown Point, Ind.

FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.

Otto Bourdy, Lowell, Mass.

CHRYSANTHEMUMS.

Hardy pompon chrysanthemums; large flowering or aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.

R. Vincent, Jr. & Son., White Marsh, Md.

Chrysanthemum stock plants. Halliday, Appleton, Golden Wedding, Yellow and White Bonnaffon, Yellow and White Jones, Pacific, Perrin, Lavender Queen, Pink and White Ivory, Polly Rose, Eaton, Chadwick, 75c doz., $5.00 100.

G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamsker, 60c doz., $4.00 100.

John Brod, Niles Center, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted chrysanthemums, all standard varieties, $1.50 100, express prepaid. Cash.

Louis Hoebel, Fort Lee, N. J.

Send for my list of new chrysanthemums.

C. H. Totty, Madison, N. J.

We sell the FLORISTS' MANUAL on monthly psyments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CINERARIAS.

Cinerarias, extra fine, from $2.00 to $5.00 per doz. Also Primula and Primula obconica, extra fine. Cyclamen, all in good bloom. Fred'k. Marquardt, Middle Village, L. I., N. Y.

Cinerarias, large 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis coccinea, $40 to $45; crisps, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus—rooted cuttings, 50c 100; 60c by mail; $4.00 1000. Crimson Verschaffeltii, Golden Bedder and other varieties. Cash with order. C. Schulze & Son, 261-275 Lawrence St., Flushing, N. Y.

Coleus Verschaffeltii, Golden Bedder and Fancy, 2-in. pots, ready for 3-in., $2.50 100; rooted cuttings, $1.00 100. Cash.

Valley Greenhouse Co., Sewickley, Pa.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write

Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.

E. B. Randolph, Delavan, Ill.

Coleus, 24 fine var. from flats, $1.00; rooted cuttings, 60c per 100. Cash.

N. P. Colberg, Morris, Ill.

Coleus, over 15 best bedding varieties, unnamed, 2¼-in., $2.00 100.

Burnell & Totman, Randolph, Vt.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 10 var., 2-in., $2.00 100. Cash.

Jos. H. Cunningham, Delaware, O.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash. S. D. Brant, Clay Center, Kan.

Coleus. 15 var., 2-in., $2.00 100.

A. J. Baldwin, Newark, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.

E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1000 lbs., assorted, $60.00; 500 lbs., $32.50; 100 lbs., $7.50.

F. W. O. Schmitz, Prince Bay, N. Y.

CYCLAMEN.

Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.

C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Cyclamen, blooming and in bud; fine stock, 4-in., $12.00; 5-in., $20.00 and $30.00 per 100.

C. Winterich, Defiance, Ohio.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.

Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, in bud and bloom, 4-in., $2.00 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

DAHLIAS.

Dahlias. Ten gold medals awarded in 1903. Pot roots for shipment at once. Every section, including the popular Cactus DAHLIAS, $4.00 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 100. Terms cash. 144-page catalogue free.

Hobbies Limited, Norfolk Nurseries, Dereham, Eng.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer at $5.00 per 100. Can furnish in large quantity.

O. B. STEVENS, Shenandoah, Iowa.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.

J. K. Alexander, East Bridgewater, Mass.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting. 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.

HENRY A. DREER, Philadelphia, Pa.

Dahlias, large field-grown clumps of finest mixed, $2.50 per 100.

J. C. Schmidt Co., Bristol, Pa.

50,000 field clumps named. Send for list.

Benj. Connell, West Grove, Pa.

Dahlia roots, $5.00 100; $40.00 1000. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

Single Dahlias, sep. colors mixed, $3.00 100. Cash please.
H. Ernst & Son, Washington, Mo.

DAISIES.

Daisies Marguerites, yellow, 2-in. pots, $2.50 100; rooted cuttings, white and yellow, $1.25 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Daisy California, white and yellow, 2-in., $2.00. Rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

DRACÆNAS.

DRACAENA INDIVISA.

3-inch pots,	$0.75 doz.	$ 6.00 100
4-inch pots,	2.00 doz.	15.00 100
5-inch pots,	2.50 doz.	20.00 100
6-inch pots,	3.50 doz.	25.00 100

HENRY A. DREER, Philadelphia, Pa.

Dracaena Bruanti, 6-in. pots, 20 to 25 in. high, 35c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
Harvey B. Snow, Camden, New York.

Dracaena indivisa, 3-in., fine, $3.00 per 100. Cash. N. P. Colberg, Morris, Ill.

Dracaena terminalis canes, true, 20c per foot.
Wm. Elliott & Sons, 52 Dey St., N. Y.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

EASTER NOVELTIES.

Japan, multigrafted maples, many colors, on one stem, 50c each, $5.00 doz.; same grafted on two stems, 60c each, $6.00 doz. Magnolia Stellata or conspicua, full of buds, 40c each, $4.00 doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

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CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.

4-in. pots	$0.50 each,	$5.50 doz.
5-in. pots	0.75 each,	8.50 doz.
7-in. pots	2.00 each,	23.00 doz.
8-in. pots	2.75 each,	32.00 doz.

For larger specimen plants, prices on application.

FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000.

FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

PIERSONI, FOSTER AND BOSTONS.
PIERSONI ferns, 2½-in., or from benches, $20.00 per 100; 6-in., $1.00 each; 7-in., very fine, $1.50 each.
ANNA FOSTER ferns, 2½-in., $5.00 per 100, $40.00 per 1000; 3-in., $8.00 per 100; 6-in., 75c each; 7-in., $1.00 each.
BOSTON ferns, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Larger sizes, cut from bench, 25c and 35c each. Vick & Hill Co., Rochester, N. Y.

BOSTON FERNS. To make room we offer large, strong, perfect plants at a sacrifice price, as follows:

From bench, large 5-inch stock	$15.00 per 100
From bench, large 6-inch stock	25.00 per 100
From 5-inch pots	20.00 per 100
From 6-inch pots	30.00 per 100
From 7-inch pots	50.00 per 100

Currie Bros. Co., Milwaukee, Wis.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $5.00 100; 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

ADIANTUM CUNEATUM. A large stock in prime condition.

3-inch pots	$ 6.00 per 100
4-inch pots	10.00 per 100
5-inch pots	15.00 per 100
6-inch pots	25.00 per 100

HENRY A. DREER, Philadelphia, Pa.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-in., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Japan fern balls, 7—9-in., 30c each, $3.00 doz., $22.50 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

I make a specialty of small ferns for jardinieres, etc. A good variety of the right kinds and nice bushy stock, 2¼-in., $3.00 100; $25.00 1000. Pierson ferns, 2¼-inch, $10.00 100.
H. Weston, Hempstead, N. Y.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns at half price, 5 and 6-inch pots, per 100, $16. Plants ready for 3-in. pots, 2½c each. Cash with order.
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1,100 extra strong Boston fern runners from bench, at $1.50 per 100, if taken at once. Cash please. L. A. Rike & Son, LeRoy, Ill.

JAPANESE FERN BALLS, 7 to 9 inches, in prime condition, $3.00 per doz., $25.00 per 100. HENRY A. DREER, Philadelphia, Pa.

Boston ferns, 2½-in., $4.00 100; 3-in., $8.00; 4-in., $12.50; 5-in., $25.00; 6-in., $40.00.
W. H. Gullett & Sons, Lincoln, Ill.

A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, strong 4-in., $12.00 and $15.00 per 100.
CHICAGO CARNATION CO., Joliet, Ill.

Piersoni and Bostons. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Ferns, 2¼-in., for fern dishes, $25.00 1000. Cash. Louis Hoebel, Fort Lee, N. J.

50,000 Pierson ferns, 2½-in., $8.00 100; $75.00 1000. Good & Reese Co., Springfield, O.

Boston ferns, 2½-in., 3c; 3-in., 5c; 4-in., 10c, 5-in., 25c. W. W. Coles, Kokomo, Ind.

FEVERFEW.

Feverfew dbl. dwarf, the best I have ever seen, extra fine plants, 2¼-in., $2.00; from flats, $1.50. R. C., $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

FOR-GET-ME-NOTS.

Forget-me-nots, large-flowering, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100. J. C. Schmidt Co., Bristol, Pa.

FUCHSIAS.

Fuchsias, rooted cuttings of Black Prince, White Giant and other good sorts, labeled, $1.25 per 100, postpaid. Satisfaction guaranteed.
A. B. Davis & Son, Purcellville, Va.

Fuchsias, including Dreer's, E. G. Hill, Black Prince and others, from soil, $1.75 per 100. Cash with order.
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Fuchsias, in variety, 2¼-in., 50c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

GERANIUMS.

Geraniums, 50,000 strong, pot-bound 2¼-in. Nutt, La Favorite, Buchner, Heteranthe, Perkins, A. Ricard and Mme. Salleroi, $20.00 1000. Poitevine, Jean Viaud, Boisdeffre, Barney, Jaulin, Castellane, Fleur de Rose, Madonna and others, $2.50 100; 40c doz. Trego and Little Pink, $5.00 100. Cash with order. All standard bedding plants in season.
L. Mosbaek, 85th St., near South Chicago Ave., Chicago, Ill.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 2¼-in., 40c doz., $2.00 100.
Scented. Balm, Nutmeg, Lemon, Shrubland Pet, Rose., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
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Geraniums, strong stocky cuttings, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevallere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Geraniums, fine and strong, 2¼ and 2½-in. pots, $2.50 per 100. Jean Viaud, S. A. Nutt, Bruant, La Favorite and others. Rooted cuttings of above, also, Mme. Salleroi, $1.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Geraniums, 2½-in pots of the following varieties: Nutt, Alphonse Ricard, Mrs. Hill, Jean Viaud, La Favorite, Clyde, fine plants, $2.00 per 100. Crown Point Floral Co., Crown Point, Ind.

Geraniums, strong, stocky plants, well established, 2½-in. pots, all the leading varieties, $2.00 per 100; $20.00 per 1000.
National Plant Co., Dayton, Ohio.

Poitevine, Ricard, John Doyle, La Favorite, Gloire de France, 2¼-in., $2.00 per 100. A good variety of mixed kinds, $1.75 per 100.
H. Weston, Hempstead, N. Y.

Ivy geranium Chas. Turner, the best under cultivation, strong 2¼-in., ready for 3-in., $2.00. R. C., $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Geraniums from 2¼-in. pots, $2.00 per 100—Ricard, Hill, Bruant and De Castellane. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Geraniums, leading var., 2½-in., $2.25 100. Rose geraniums, 2½-in., $2.50 100. Ivy, 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Geraniums, 10,000 in 2½ and 3-in. pots at big discount from regular prices. We must have the room. Write Geo. A. Kuhl, Pekin, Ill.

Geranium rooted cuttings, leading kinds and colors, true to name, $2.00 100; $15.00 1000.
Frank A. Pierson, Cromwell, Conn.

Fine plants of rose geraniums, 2½-in., $2.50 per 100. Also a large lot of best mixed.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, best bedders, $15.00 per 1000. Mme. Salleroi, $15.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Geraniums and rose geraniums, 2-in., $2.00 100. E. B. Randolph, Delavan, Ill.

Geraniums, 10 varieties, $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

GLADIOLI.

Gladioli. Having more small gladioli than I wish to plant, I offer about 300,000 at following prices:

	1000
Groff's hybrids, ⅝ to ⅞-in. diam.	$2.50
Groff's hybrids, ⅝ to ⅝-in. diam.	1.50
Groff's hybrids, ¼ to ⅝-in. diam.	1.00

May and Lemoine's hybrids, same size as Groff's, at $2.00, $1.25 and 75c per 1000. Gladioli, in fine mixture, all classes, ⅝-⅞-in., $1.50; ⅜-⅝-in., $1.00; ¼-⅜-in., 50c per 1000. The smallest of these will generally flower the first year, under favorable conditions. Bulblets of gladioli, per bushel, at low rates.
Ismene calathina, small bulbs, $3.00, $1.00 and 50c per 100, acording to size.
Stokesia cyanea, the splendid, new, hardy, herbaceous plant, fine, $1.00 per doz.; $6.00 per 100 by mail.
E. Y. TEAS, Centerville, Ind.

GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.
ARTHUR COWEE, Meadowvale Farm, Berlin, N. Y.

Gladiolus bulbs. Shakespeare, Augusta, Grand Rouge, May, Eugene Scribe, Ben Hur, Mrs. Beecher, No. 1900. Small Augusta, for planting, $3.50 to $5.00 per 1000.
John Fay Kennell, Box 405, Rochester, N. Y.

Chase's XXX selection—White, light and fancy colors, large flowering, mixed, 7 to 8-in., $3.00 per 100; $25.00 per 1000. 5 to 7-in., $2.50 per 100; $20.00 per 1000.
Chase & Sons, New London, Ohio.

Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gladiolus May, size 1 to 1½, fine for spring planting; also Groff's Hybrids, $5.00 1000. Cash.
P. O. Coblentz, New Madison, O.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write
Edward Harris, Moorestown, N. J.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
Peterson Nursery, 170 La Salle St., Chicago.

HARDY PLANTS—Continued.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Buxus sempervirens, pyramids and standards, $150.00 100. Lilacs, white and purple, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Floradale, Pa.

Hardy rhododendrons, azaleas, clematis, shrubs, conifers, etc. Send for our catalogue. Van der Weijden & Co., Boskoop, Holland.

Surplus shrubs cheap. Also a full assortment of trees and plants. Send for list. Shrewsbury Nurseries, Eatontown, N. J.

For your trees, shrubs, vines and small fruits, send to WM. H. MOON CO., Morrisville, Pa.

Rudbeckia Golden Glow, strong roots, 5c. W. H. Salter, Rochester, N. Y.

HELIOTROPES.

Heliotropes, 2-in. pots, $2.50 100, ready for 3-in.; rooted cuttings, $1.00 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Heliotropes, 2¼-in. pots, $2.50 per 100. Rooted cuttings, $1.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room. $2.00 per 100. W. H. Parsil, Summit, N. J.

Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotrope Jersey Beauty, 2-in., $2.25 100. Cash. Converse Greenhouses, Webster, Mass.

HIBISCUS.

For sale, 500 strong hardy hibiscus, delicate pink, $5.00 per 100. Alex. Waldbart & Sons, Hamilton Ave. and Horton Place, St. Louis, Mo.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Japan, pot-grown hydrangeas, white, blush blue or deep rose, strong plants, 40c each, $4.00 doz. Novelty of immense trusses of rosy flowers borne on reddish stems, $1.00 each, $10.00 doz. H. H. Berger & Co., 47 Barclay St. N. Y.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please. Godfrey Aschmann, 1012 Ontario St., Phila.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000. Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $12.00 1000; $30.000 per case of 2500. This stock is unsurpassed. H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley pips, the largest and finest imported. Special price. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cut lily of the valley of good quality always on hand. August Jurgens, 134 Herndon St., Chicago.

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LOBELIAS Crystal Palace, erecta and trailing; strong plants ready to pot 75c per 100; $6.00 per 1000. Cash. Wm. S. Herzog, Morris Plains, N. J.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Moonvines, white, blue, 2¼-in., 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn, the genuine. English MILL TRACK brand, $7.00 per 100 lbs. Wm. Elliott & Sons, 52 Dey St., N. Y.

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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals. CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, estsblished and unestablished. Address Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PALMS, ETC.

Kentia Belmoresna, 2½-in., 4 to 5 lvs., 18 to 20 in. high, $6.00 100, $50.00 1000. Cocos Weddellana, good strong plants, 3-in., $15.00 100. We have a fine lot of made-up plants of Arecas and K. Belmoreana. Let us quote you prices. S. S. Pennock, 1612 Ludlow St., Philadelphia.

Latania borbonica, Areca lutescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Kentia Belmoreana, 2¼-in., 10 cts. each. Cocos Weddellana, fine stock, 2¼-in., 10 cts. H. Weston, Hempstead, N. Y.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price. J. F. Wilcox, Council Bluffs, Iowa.

Kentia Belmoreana, 3 and 4-in., 12½ and 25c. W. W. Coles, Kokomo, Ind.

Palms and other decorative plants. Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms Jos. Heacock, Wyncote, Pa.

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For Pansy Seed see under heading "Seeds."

Pansies. Prize strain of Bugnot, Cassier and Odier, large plants once transplanted, 50c 100; $3.50 1000. S. Whitton, 15 Gray Ave., Utica, N. Y.

Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansy plants, 50c 100; $2.50 1000. Cash. Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Pelargoniums our specialty. 3½ and 4-in., large plants, need 5 and 6-in. pots, 4 to 7 branches, fine stock for Easter, $12.00 per 100. 2½-in., $4.00 per 100. Ten best named varieties. Cash, please. J. Sylvester, Oconto, Wis.

Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please. H. Ernst & Son, Washington, Mo.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100. KRUEGER BROS., Toledo, Ohio.

Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request. Peterson Nursery, 170 La Salle St., Chicago.

PETUNIAS.

DREER'S DOUBLE FRINGED PETUNIAS. 15 choicest varieties, 3-in. pots, 75c per doz., $6.00 per 100; the set of 15 varieties, for $1.00. HENRY A. DREER, Philadelphia, Pa.

Petunias, best varieties in market, including largest white and Dreer's varieties, from soil, $1.75 per 100. Cash with order. B. Merkel & Sons, Carlstadt, N. J.

Petunia Kansas White, best dbl. white, 2¼-in., $2.00; rooted cuttings, $1.00 per 100. Cash. N. P. Colberg, Morris, Ill.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash. Buckley Plant Co., Springfield, Ill.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Petunias, mixed var., 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

POINSETTIAS.

Strong, healthy, dormant stock plants.
1000 one-year-old ..... $3.00 per 100
1000 two-year-old ..... 5.00 per 100
1000 three-year-old ..... 7.00 per 100
De Pew Brothers, Nyack, N. Y.

POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100. C. Frueh & Sons, Hoyt Ave., Saginaw, Mich.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Baby primrose, Forbesi, 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, $90.00 and $150.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings. Coleus, Verschaffeltii, Golden Bedder and Firebrand, 75c 100, $6.00 1000; 10 best sorts, bright colors, in variety, 60c 100, $5.00 1000. Cuphea (cigar plant), 60c 100. Salvias—Splendens and Bonfire, $1.00 100, $9.00 1000. Heliotropes—light and dark, $1.00 100, $9.00 1000. Ageratums—Stella Gurney, 60c 100, $5.00 1000. Lobellas—fancy blue, 60c 100, $5.00 1000. Water ivy, 60c 100. Sweet alyssum—Giant Double, 60c 100, $5.00 1000. Marguerites—white and yellow, $1.00 100. Chrysanthemums—Estelle, the best early white, $1.50 100, $12.00 1000. All strong, well-rooted. Satisfaction guaranteed. Add 10c 100 if wanted by mail. Cash. Critchell's, Avondale, Cincinnati, O.

Geranium Mme. Salleroi, $1.25; Happy Thought, $2.00. Impatiens Sultani, Anthemis coronaria, Metallica and Argenteo-guttata begonias, $2.00. Vinca var., fuchsias, best kinds, $1.25. Giant alyssum, 75c per 100. Prepaid. S. W. Pike, St. Charles, Ill.

Rooted cuttings of feverfew, Vinca var., coleus and German ivy, $1.00 100. Cash. Converse Greenhouses, Webster, Mass.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory. P. REINBERG, 51 Wabash Ave., Chicago.

Rooted rose cuttings.

	100.	1000.		100.	1000.
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded. WIETOR BROS., 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.

Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.

Orders booked now for potted stock.

Beauties, 2-in.	$5.00 100; $40.00 1000
Beauties, 3-in.	6.00 100; 50.00 1000
Beauties, 4-in.	7.50 100; 60.00 1000
Teas, 2-in.	2.50 100; 20.00 1000

Goods returnable and money back if not absolutely satisfactory. Grand Rapids Violet Co., Grand Rapids, Mich.

Five of the newest and finest for winter forcing. You can try them with little expense; judge and convince yourself. Ideal (improved La France); Franz Deegen (yellow); Catherine Guillot (orange red); Ma Capucine (nearest to scarlet); Snowball (pure white). This collection of 10 plants each, out of 2-in. pots, 50 plants, $5.00.
Albert Knapper, Ambler, Pa.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100, $25.00 1000. Rooted cuttings, $1.50 100, $12.50 1000. All strictly A1 stock. Perfect aatisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

Rooted rose cuttings; clean, healthy stock, well rooted.

	100.	1000.		100.	1000.
Bridesm'd	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	G. Gate	1.50	12.50
Ivory	1.50	12.50			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

American Beauty, 2½-in., $6.00 100; rooted cuttings, $3.00 100. Bride, Maid, Ivory, Gate, 2½-in., $3.00 100; rooted cuttings, $1.50 100. Perle, Kaiserin, Canadian Queen, 2½-in., $4.00 100; rooted cuttings, $2.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not aatisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

ROOTED ROSE CUTTINGS. American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted, 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000, 500 at 1000 rate.
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Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
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Roses. All the leading varieties in 2x2½ and 2½x3-in. pots, also rooted cuttings. Satisfaction guaranteed. Write
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Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
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H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

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C. & G. L. Pennock, Lausdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

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Rubbers, 20 and 25c each.
W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

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Salvias. Bonfire, Silverpot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvia Bonfire, 2¼-in., $2.00 100. Cuttings half price. Burnell & Totman, Randolph, Vt.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

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Flower seed for present planting.

	Pkt.	¼ oz.	oz.
Verbena, Mammoth, mixed	$0.25	$0.50	$1.50
Salvia nana comp, Bonfire	.25	.75	2.50
Pyrethrum Golden Feather	.15	.30	1.00
Petunia—			
Large-flowering, fringed, med.	.50		
Dbl. large-flowering, fringed, mixed	1.00		
Stock—			
Improved Giant Perfection, white	.25	1.50	5.00
Snowflake, white	.25	2.50	9.00

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Best quality of flower seeds for florists. Send for catalogue.
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Asparagus seeds our specialty.

	100	1000	5000
Asparagus plumosus nanus	$0.85	$ 7.00	$32.50
Asparagus Sprengeri	.20	1.00	4.50
Asparagus decumbens, beautiful for fern dishes, bluish green	.75	6.00	27.50
Asparagus scandens deflexus	1.25	10.00	....
Asparagus plumosus robustus	1.00	9.00	....

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WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
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Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
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Irish shamrock, strong plants, $4.00 100, or 60c doz., by mail.
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Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
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1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
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Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
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Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.00 1000.
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Spiraea comp. multi., 40c doz., $3.00 100. Astilboides floribunda, 60c doz., $4.00 100.
H. H. Berger, 47 Barclay St., N. Y.

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Stevia stock plants, bench or pots, 75c doz., $5.00 100. John Brod, Niles Center, Ill.

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LETTUCE PLANTS, Grand Rapids, free from disease and green fly; small plants, $1.00 per 1000. Transplanted, $2.50 per 1000. Cabbage, celery, tomato and parsley plants in season.
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Frank Imbach, Newport Newa, Va.

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CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
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Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
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Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

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Vincas, flowering, 3 colors, 2-in. pots, $2.50 100; ready for shift. Cash please.
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Vinca major var., 2¼-in., $2.00. Rooted cuttings, fine, $1.00 per 100. Cash.
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Galax leaves. All orders receive personal and prompt attention.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

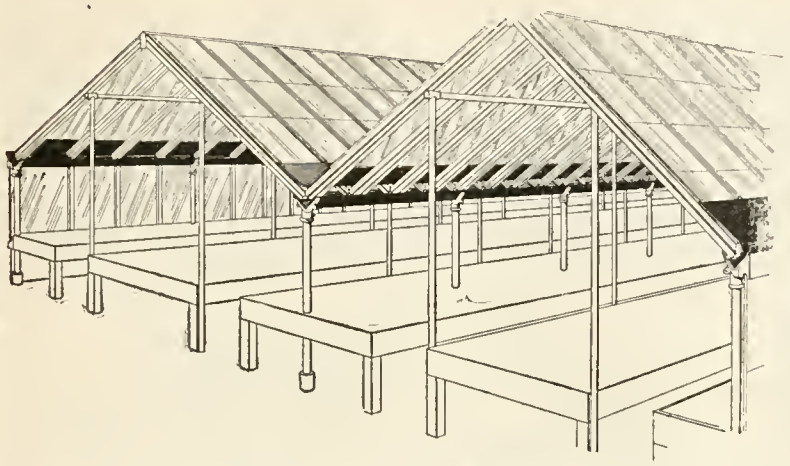
CACTUS CINERARIAS.

Although the flowers of the several species of cactus known to cultivators have not revolute and twisted petals, they are for the most part less formal than the flowers of the plants on which past generations of florists lavished so freely their love and care. Hence the term "cactus" has in the case of florists' flowers come to be regarded as synonymous with lightness and elegance. The first of the flowers to which the term was applied was the dahlia, and this as first used in connection with Dahlia Juarezi was more truly descriptive of that brilliantly colored form than it is of its more recent descendants. That, however, is a small matter; the designation is prefectly well understood by all who take an interest in the flowers, and it is perhaps as well suited as any name that could have been selected for popular use.

We have now "cactus" cinerarias, and, judging from the rapidity with which they have been developed and the attention the varieties have received from flower lovers generally, it is reasonable to infer that they will enjoy a large measure of popularity. Let us hope that this will be so, for while we have no wish that the varieties of the old type, with their large circular flowers and broad over-lapping florets should be superseded, it is most desirable that there should be a considerable degree of diversity in these as in other flowers under the gardener's care. Differences in color and form of the flowers and in the style of growth in the several classes of plants are important factors in the maintenance of interest in them, a fact which the past generations of florists unfortunately failed to recognize.—Exchange.

Now is the time

to investigate matters pertaining to improvements for the coming season. : : : : :



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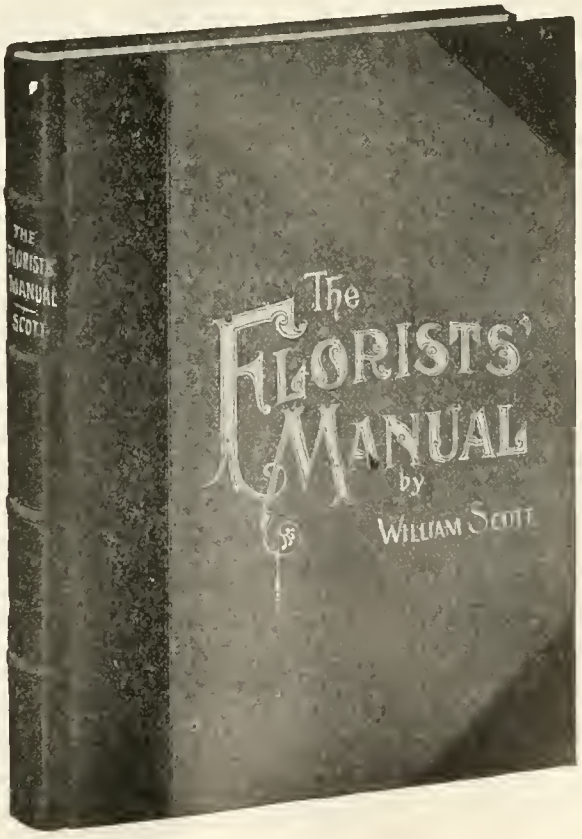

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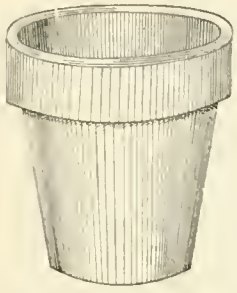

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OCEANIC, N. J.

The semi-monthly meeting of the Monmouth County Horticultural Society was held February 5. President Turner presiding. The meeting was a very interesting one and well attended. The cut flower display was grand. H. A. Kettel, gardener to James Loeb, had some fine lily of the valley, roses, Lilium Harrisii and narcissi, scoring in all 220 points. James Dowlen, gardener to H. L. Terrell, had a well flowered plant of Cœlogyne cristata, a vase of good roses and a vase of carnations, scoring in all 235 points. Mr. Dowlen also exhibited several carnation seedlings, a crimson scoring 90, a red 90, a scarlet 85 and several whites scoring 70 points. Geo. H. Hale, gardener to E. D. Adams, had some well grown freesias, Princess of Wales violets and imantophyllum, scoring in all 250 points. The judges of the evening were W. W. Kennedy, A. G. Williams and Wm. Turner.

The members who visited Tarrytown, N. Y., to attend the annual dinner of the Horticultural Society, arrived home in pretty good condition, notwithstanding the hardships they went through. As I understand, the snow was a little too deep for them in some places, the elevated too crowded and the ferry boats frozen in their slips. They reviewed their trip in detail, stating they enjoyed it very much, especially the dinner at Tarrytown. J. Yomans, our Oceanic Chauncey Depew, made a speech which won't be forgotten for a long time at Tarrytown.

The discussion of the evening was on experiment stations, San Jose scale and its treatment in winter and summer. Most of the members present took part in the discussion. Mr. Hale asked a question to find the view of the members, "if they thought it essential for a person learning the gardening profession to study botany to become a good gardener?" Most of those present gave their views, some stating that if a gardener could combine and carry the two he would be the stronger, but the general trend of their views was against it, stating it was not necessary, as botany is a study of itself and from their experience and observation botanists as a rule made very poor gardeners. Mr. Kettel asked the craft a few conundrums, which were not easily solved, but he soon enlightened them on the difference of things and also explained what some people called patience, which was enjoyed by all. B.

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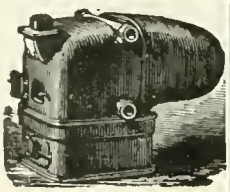

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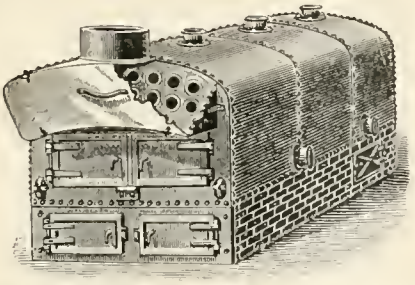

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PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

530-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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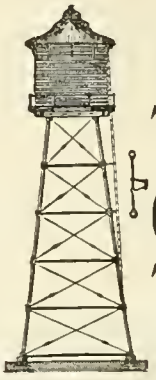

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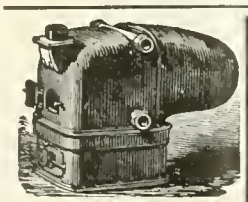

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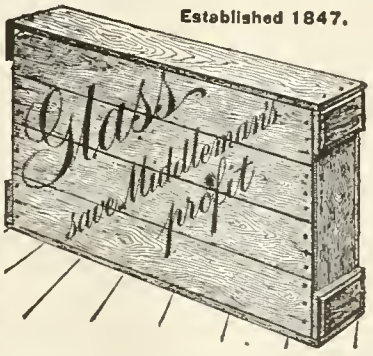

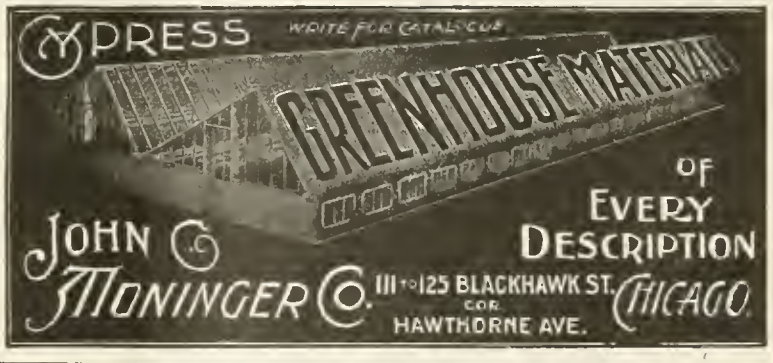

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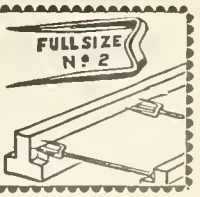

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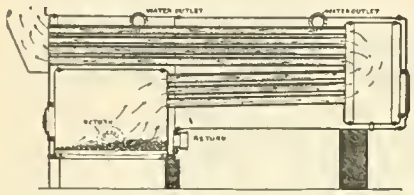

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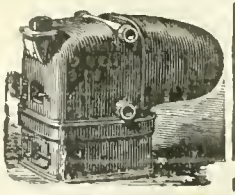

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Vol. XIII. CHICAGO AND NEW YORK, FEBRUARY 18, 1904. No. 325.

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CARNATION NOTES—WEST.

Early Shading.

As the sun gains strength you will begin to see the need of a little shade over some of the bright pink and the Daybreak shade varieties. Nearly all the varieties in the Daybreak class fade quickly in the strong sun and unless they are shaded some they take on that dirty white appearance, which makes them unfit to sell. Especially is this true with those that open slowly and consequently fade most around the edges. A bloom that has an even color all over, though it be faded somewhat, does not look nearly so bad as a bloom that is faded only in parts. The fading is not so noticeable.

Among the bright pink varieties Mrs. Lawson is the worst to fade and needs a little shade a few weeks before most of the others. A bright, clear day's sun will bleach the half opened bloom on the side that is fully exposed to the sun so that when the bloom is opened it will be blotched all over with light spots that make it unfit to sell. If the bloom would merely fade a shade or two lighter it would not be so bad, but it bleaches into such an unsightly dirty color that nobody wants it at any price. You can take the buds that show color after a bright day and see distinctly which side was exposed to the sun.

Such varieties as Mrs. Nelson, Mrs. Joost, Floriana and Crocker will not need any shade for several weeks to protect the color and as the plants will enjoy all the sun they can get for quite a while you should not be in a hurry to put any shading material over them. A great deal of judgment must be used in putting on shade this early and especially is it quite dangerous to put on a permanent shade, such as we use in summer. For another month we are likely to have as much cloudy weather as clear and a heavy shade on the glass during a prolonged cloudy spell will do as much damage as the same amount of bright weather without any shade. The darkness will soften the blooms and render them more susceptible to the sun's bleaching effects than if the light at all times were stronger. The growth, also, will become softer and will succumb all the sooner to the summer heat a little later.

Another thing that will aggravate the bleaching is to let the plants suffer for water at the roots. By this time the soil is pretty well filled with roots and dries out rapidly where the sun can strike it along the edges and you will need to water along the edges every bright day. A light mulch of some loose material spread along wherever the sun strikes the soil will help to retard evaporation.

If you have only a bench or two that need a little shading it will pay you to buy enough cheese cloth to hang over them in such a manner that they will be protected from the bright sun and yet have a good strong light. Arrange it so that you can remove it or tie it up at night and on cloudy days, as it is not wanted then. The cheese cloth will not cost much and you can use it several seasons. If you have a whole house or several houses to shade you will, of course, have to put some kind of a shade on the glass. For this I would use whitewash made of air slaked lime, and quite thin at that. Whitewash made of air-slaked lime will wash off much easier than that made from hot lime and for several weeks you want a shade that will wash off with the first good shower. You can put on another as soon as it is needed again much easier than you can get rid of one that will stick like white lead and oil. You can't put this on with a brush with any satisfaction as it will be too thin, but you can put it on to perfection and very quickly with an ordinary greenhouse syringe. Don't shoot the liquid straight at the glass, but shoot it up high and let the wind break it up into countless little drops, which will fall onto the glass like rain, covering the glass with little spots and yet not shutting out the light as much as if the glass were painted solid all over. We use this method all summer, making the lime wash thicker and putting more of it on the glass as the weather gets hotter. One man can shade 10,000 feet of glass in an hour this way, while with a brush it would take him at least a day. Of course you will want this shade only on the south side of the house for at least six weeks or two months, as the sun does not rise above the ridges of any of the houses yet, and for some time after it does it will strike the glass at such an angle that it will have little strength after passing through.

The blooms should be cut early in the morning before the sun gets very high. They are fresh and full of sap and will draw water better than if they are picked while the sun is beating down quite strongly, and, of course, naturally, they will keep longer. You will also notice that after a bloom is opened to the stage when we consider it ready to be cut it will begin to bleach much quicker than while it is opening. Developed blooms should not be allowed to remain on the plants through a bright day from now on, of those varieties that are inclined to bleach. Better cut them a little close and hold them in water until they are developed enough to send in or to sell. During December, January and February many growers pick their blooms only as they sell them, but from now on it will pay you to pick what are ready to pick each morning and depend on your cut flower room to hold them until you can dispose of them.

A. F. J. BAUR.

VARIETIES FOR SMALL GROWERS.

I have just one house, 30x155,, planted to carnations, and I wish to give my opinion on the varieties for small growers to handle for profit. I will commence with whites. I find Peru much ahead of any for production, a good, clear white flower on a good stem and never bursts and will pick a third more flowers from it on my place than any other white. Of reds, Crane is much ahead of any I have tried, as my plants are still in the best of health without any signs of stem-rot. I would not part with it for any of the new ones I have seen. I have given up Adonis. Palmer bursts. In pink, Joost does fairly well here, especially in the fall and spring, but in the winter is a little slow. In light pink I have Morning Glory and Enchantress. Morning Glory is a fairly free bloomer but does not produce a good enough flower. I shall strike it off the list after this season, as Enchantress will pick more flowers and of much higher grade. I have averaged from this variety about four and one-half blooms since November 1, which I consider a good average and there are from 3,000 to 4,000 buds in sight at the present time. I have about 600 plants of this variety and they stand over three feet six on the bench, stems like canes. I also have a sport from that variety, which I consider promising. It is not quite a clear color but is something the shade of Joost tinted with light spots, but is larger than Enchantress and much stiffer, as it seems to stand without any support. H. MERRITT.

GROWING CARNATIONS.

[A paper by F. J. Fillmore, read before the St. Louis Florists' Club at its meeting February 11, 1904.]

I am not an expert at growing the divine flower, but aim at growing the best I can, as I am certainly handicapped by being situated almost within range of our city's smoke. There is no doubt that a grower situated far out has a great many advantages over those who are not so fortunate. Pure air and pure soil are the main requisites in growing any plant, coupled with experience and lots of common sense.

Propagation.

We always have good, sound boards in the bed, with a small crack between them and a few auger holes in the boards, also a hot coat of thick whitewash is applied every season. We procure good, coarse river sand, which is thoroughly washed. This is used the whole season and after being spread and pressed firmly to the depth of three and a half to four inches, is thoroughly soaked. We are now ready for the cuttings, taken chiefly from the base of the flowering shoots. When short of stock, I take some shoots that would bloom later on. As soon as cuttings are taken, I put them in a bucket of water for about fifteen minutes, no longer. Take them out and if not ready to make at once, cover them from the air. In making them, trim off the ends if they are uneven, if not uneven do not cut them at all. Trim off a few lower leaves and shorten back the upper ones and insert them in the sand about one inch deep, three-quarters of an inch apart and about two inches between the rows. Then soak them thoroughly and sprinkle lightly almost every day, except in very cloudy, damp weather. Water the bed about every three days.

It is hard to lay down any given rules on this point, as so much depends on the weather and temperature. I find that with the greatest care I have, at times, a good deal of loss, and there is such a difference in varieties, also. I

have rooted them in different temperatures, but I think the ideal is 60 degrees bottom and 50 degrees top, no higher if possible. I have sometimes rooted them very cool, with scarcely any heat, and very successfully, but it is a very slow process. Air is given to the house whenever possible, or nearly every day, and the cuttings are shaded from all sunshine until they begin to root; then sun is admitted gradually until when rooted they are fully exposed. I have used papers in shading ever since I was initiated in our profession, and that is quite a few years, but this season am using as shades frames made a convenient width, cut of half-inch strips, and covered with white muslin. These rest on a board back of the bed and are suspended in front by wire fastened on the sash bar. This shade keeps the direct air from striking the cuttings and at the same time gives them sufficient, as it is about four inches above the bed. Outside shade is given with lath shades as the weather gets warm, to keep down the temperature. When the cuttings are rooted, say roots about a half-inch long, they are potted into 2-inch pots in soil four parts well rotted sod to one part thoroughly decomposed stable manure, with a liberal sprinkling of lime and some sand. This is sifted through a half-inch sieve.

Care of Young Stock.

Cuttings are potted moderately firm, watered thoroughly, treated the same as the cuttings for about a week and at about the same temperature, when they are gradually given more air and kept 45 to 50 degrees at night and 60 degrees in the day, with air. Propagating is done from November on. The early cuttings for summer blooming, when needed, are shifted into 3-inch pots. The later ones I am going to pot this season into 2½-inch pots and plant from them. When weather permits they are removed to cold frames and gradually hardened off, avoiding all extremes of temperature as far as possible and pinched back when about three or four inches high.

Field Planting.

As soon as weather permits, planting out is proceeded with, from about April 15 on in our section of the country, of course according to the weather. The plants are thoroughly watered. The ground is thoroughly manured about every two years, about two inches deep, half rotten, and well spaded. A coat of lime once in a few years is also given. My garden, as I always term it, is only 40x125 feet and I have grown plants here for eighteen years. Now almost every grower believes in growing carnations on different ground every two or three years at least and there is no doubt it is a great advantage in growing good stock. I plant firmly, 8x10 inches apart, covering the ball thoroughly but avoid covering the foliage. If we do not have rain about every two or three weeks, I give the plants a good watering with an automatic sprinkler. I find this does it more thoroughly than when done with the hose. This is repeated throughout the season of growing. I know opinions differ greatly as to watering stock while in the field, but the more experience I have the more I advocate it. If the summer is continually dry I water at least once a week. It is not much use to water unless started in good time.

Plants are kept free of weeds and hoed quite often, gone over every week and those needing it are pinched back until housing time, about August 1. Now methods of culture have changed. The first essay that I wrote was on the growing of the divine flower about ten years ago. I then advocated September 20 as the date for housing. Now it seems we can hardly house them soon enough. I have always maintained of late years that the time will come when we will plant them the same as roses, as some are really doing on a small scale.

Filling the Benches.

We prepare the benches by repairing, sweeping off the boards thoroughly, turning them over and giving a good coat of hot whitewash. Space the boards off with about half an inch to three-fourths of an inch between them. While we prepare the soil all parts of

The Lyre
(By Wm. H. McDougall, Chicago.)

the benches get a good sun bath. Soil is composted of about three-quarters well rotted sod to one-quarter well decomposed hotbed manure. All is thoroughly mixed, the soil being chopped as fine as possible. About a shovelful of air-slaked lime is added to each barrowload of soil. For drainage on the spaces in the benches we use straw. We formerly used sod but it is very hard to obtain, especially in dry weather. Straw is cheap and much quicker handled than sod. The soil is wheeled right on to the benches and spread to the depth of about five inches. This gives about four inches after the plants are in and watered. The plants are lifted with a small ball of soil whenever possible. Varieties differ in this respect, as some retain soil easily while others do not. They are taken into the house or potting shed.

House Planting.

I usually lift a good number early in the morning and again late in the afternoon. They are heavily sprinkled at once, all dead foilage is removed, the house being previously shaded with old soil run through a quarter-inch sieve, mixed with water to a convenient thickness and applied with an old broom. I now proceed to plant, just covering the ball thoroughly and firmly pressed with the hands. Strong growing varieties are planted about 10x12 and some 12x12, others about 8x10. I have some planted closer, but I think we really ought to give more space to our plants than we do, to permit a freer circulation of air. As planting is proceeded with, I water several times until the soil is good and damp but not soaking wet. We syringe about three times a day, moistening the walks at the same time. The house is kept a little close during the day, with all air possible at night. I think that if the plants are good and sturdy they really do not need to be kept very close. I do not intend to do so in the future, as plants very seldom wilt with me and I really think this keeping close and damp is the main cause of stem-rot. At least I have almost come to that conclusion, after close observation.

House Culture.

After the planting is done we clean all the rubbish from under the benches and sometimes scatter air-slaked lime after all is cleaned up. If we have no rain in about ten days, the shading is washed off with the hose. The soil is kept in good moist condition, not soaking wet. These conditions are reversed to a certain extent in the short days of winter. We were late in planting this season, so were delayed all around. We usually clean the plants again before staking, but this was not done this season. The plants have thrived fairly well, but I am a great believer in cleanliness and we usually clean them again about this time. We stake them with the Kuehn support, which to my idea is all O. K., giving a free circulation and always convenient to clean and apply mulch.

After staking this season we applied mulch one-half inch thick, the same as we used on our roses, composed of one-third rotted sod or soil and two-thirds well rotted hotbed manure run through a one-half inch screen, to which was added bone meal, an ordinary-sized coal bucket to about fifteen medium-sized barrow loads of the compost. We scatter lime occasionally over the surface of the benches and tobacco ashes which I save from fumigating, also wood ashes when procurable. Liquid manure is used after the mulch has been on some time, weak at first, increasing in strength as the season advances. As I use the Kinney pump for this purpose, a double quantity of manure is placed in sacks, as pressure is obtained from city water, which dilutes the liquid to one-half the strength. About half a bushel of sheep manure, or a bushel of cow manure, or one and one-half of horse manure is used to each sack. One sack to a barrel makes the liquid of medium strength. About this season of the year, or a little later, about one-half inch of mulch of rotten manure is put on and later in the season one inch.

Daily syringing is stopped as soon as short days start in, except at the ex-

treme warm ends, where the main steam pipe is. These are syringed every day and the walks dampened down. I generally syringe about twice a week in other parts of the houses. As the season advances daily syringing is gradually given on all bright days, and twice a day in hot weather, with plenty of water at the roots. I should have stated before that the houses are left wide open day and night except in stormy weather until cold weather approaches, then a pipe is turned on, with enough air to maintain the right temperature. There are very few days in the season but what some ventilation is given, if only for a couple of hours.

The temperature for those varieties that do best in a cool house is about 50 degrees. A variation of a degree or so either way is allowed. In the warmer house about 54 degrees is kept, the variation the same. This, of course, is the night temperature, the day being from 10 to 15 degrees higher, with abundant ventilation. I never force carnations for any occasion except to allow the houses to run about 3 degrees higher than the normal. This is not forcing. It stands to reason that it must weaken the stock to a certain extent.

As soon as possible, even if the weather is warm, I fumigate in the old fashioned way, just closing the house for an hour or two and then opening up again for the night. Fumigation is kept up throughout the season, lightly, about once a week, and I have never seen any bad effects on blooms, though some experts differ on this, and as far as odor from tobacco is concerned, I have never noticed it on the blooms after being in the cellar in water a couple of hours.

I have never shaded carnations after being established, but have no doubt where large quantities are grown it is beneficial to do so with some varieties that are inclined to fade as the weather gets warm in the spring. During the chrysanthemum season I only allow about a quarter of the plants to bloom. When the buds get a fair size we cut them back as you would a bloom. Disbudding is attended to throughout the season. Sometimes when very busy this is neglected; if so I always look after the colored ones first, as the white varieties can be used in design work for our retail trade.

Blooms are picked early every morning. They are allowed to develop fairly well, as I think when they are picked too closely it causes them to go to slee much quicker. At least this is our experience, as we never have complaints from our customers. On the contrary, we often have compliments as to the keeping qualities. After being picked they are placed at once in cool water and set on a cemented cellar floor, never in the ice box. We always maintain a fair price, no bargain days, but in periods of glut give our customers the benefit by giving them liberal count. This we have found to be very satisfactory and it pays much better than selling at cut rates.

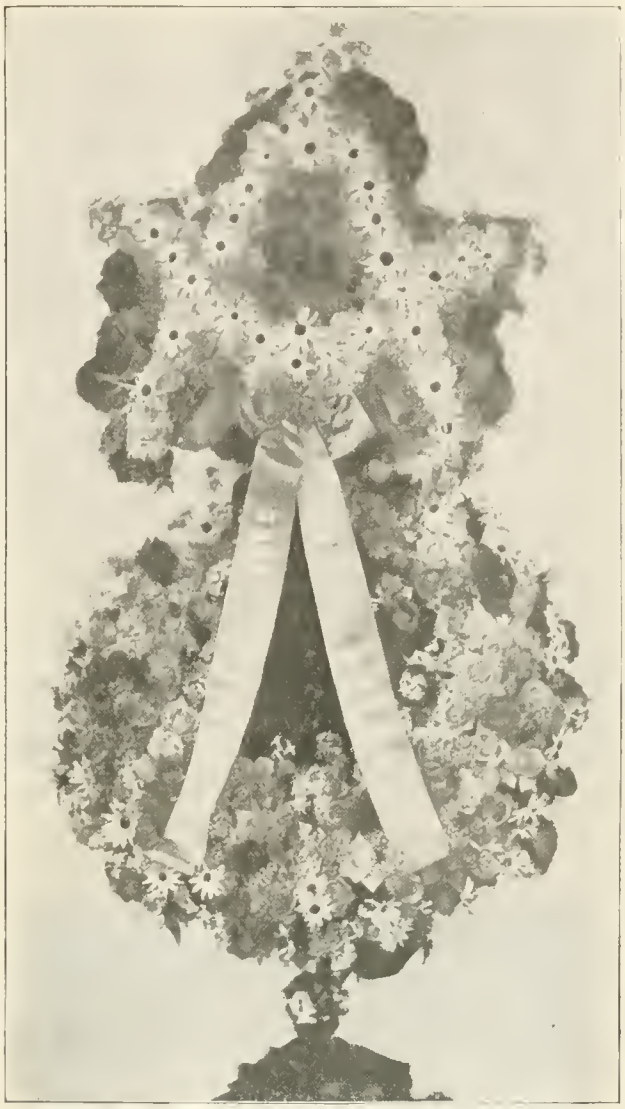
As to Varieties.

Mrs. E. A. Nelson is the best with me this season in quality and quantity of good flowers. Flora Hill is next in productiveness. It is about the same as when I first grew it, but the quality is not so good; a grand summer bloomer, however. For red we have Crane. I have Murphy's White and Lillian Pond in small quantity and am inclined to think they will take the place of old Flora for winter bloomers. These varieties are in the warmest house.

In the cooler house we have old Daybreak. This will be the last season we shall grow it, as it has deteriorated too much. The Marquis is a grand variety, we think, for retailing, but it is always late in coming into bloom and after the heavy spring crop is of no further use, therefore not being profitable for wholesaling. Hoosier Maid is really a white Daybreak, only a medium-sized bloom but very productive; takes the place of Flora Hill in midwinter; it blooms from early to late. Mrs. Higinbotham and Gaiety are failures with me.

Enchantress is a very fine variety but I have lost about one-half of the hundred which I had, with stem-rot. When I planted them in they were the finest plants that I ever had, about twelve inches in diameter. I only gave them about eleven inches of room each way and I think probably that was the main cause of losing them, by not having sufficient space to allow free circulation of air. We live and learn and if we wish to improve we must try some new varieties each year and if we only find one or two better than we had, it certainly pays. I have not room enough to plant many new ones, as I only grow about 3,000 plants.

In closing, I hope I have not wearied you with this long essay. All the points covered are founded on practical experience, not theory, and I think we should all strive to raise the best blooms that are possible. By this way of doing them there would be less danger of gluts and certainly more credit and pleasure to the grower. I know I am never satisfied, but you all know my situation. If I had the same advantages as some of my friends here I think I might be able to raise as good blooms as they do, which I am not able to do in my present location.



Design for the Funeral of a Member of the Masonic Order.
(By Wm. H. McDougall, Chicago.)

A Reverie.

Just at this time I fell into a reverie and saw that gay though antiquated William Scott with that aged but good old spinster, Lizzie McGowan. But being full of Gaiety he became enamored with Flora Hill and exclaimed, "You are my Enchantress." About this time that noble Marquis came on the scene with the modest Hoosier Maid, not even noticing the beautiful Lady Bountiful, who very quickly made the acquaintance of Apollo, though he was admiring the popular favorite, Mrs. Lawson. About this

time also appeared Mrs. Nelson, the pink of Perfection, but they thought they were all small Bradts, when the Crusader landed Adonis with his Fiancee. When the White Cloud passed away they were all seen crane-ing their necks to see the Daybreak over Alaska and, after wishing Prosperity to all, Flamingo departed to see his affianced Bride in Indianapolis. About this time I awoke and found all were being Marshalled in the Field by President McKinley.

FRANK J. FILLMORE.

The portrait herewith reproduced is from a photograph of one of the most valued members of the St. Louis Florists' Club, a member who has a record for never missing a meeting. Mr. Fillmore has also been a member of the S. A. F. for thirteen years. This is the first time his portrait has ever appeared in print. If all the members would follow the example set by Mr. Fillmore, what grand meetings we would hold every month.

J. J. B.

ROSES.

Seasonable Hints.

With the advent of spring we may look for a rapid increase of greenfly and special efforts should be made to exterminate them before they become too numerous. It is almost impossible to fumigate with tobacco as frequently as is necessary without injuring the flower and foliage to some extent. The petals of the pink varieties are often so bleached that they are unsalable, especially after a heavy fumigation, and although the injury to the foliage is not quite so apparent, it is there nevertheless, as a microscopic examination will show. The first syringing after fumigating leaves the foliage in a wet and bedraggled condition, showing that a serious injury has been done to the surface of the leaves and requiring a longer time to dry than if no fumigation had occurred.

This method of keeping greenfly in subjection is that most commonly used but is far from being perfect, nor have we as yet found a good substitute. It is claimed that the cyanide of potassium is more effective and less injurious to flower and foliage but to this method there are also objections, particularly on account of its dangerous character, and some growers of long experience hold that it is even more injurious to the plants than tobacco fumes.

Where plenty of tobacco stems can be had it is a very safe and effective way to keep these under the benches, on the pipes, or in fact anywhere in the house where they will not be in the way. By renewing these periodically greenfly can make no headway; with a little care they need not present an untidy appearance.

Whatever means is employed in the extermination of this pest must be accompanied by patient persistency, as during the spring months the rate of reproduction of these insects is something appalling. Not only do they reproduce their kind by laying eggs like most other insects, but as if that were not rapid enough they also for eleven months of the year bring forth their young alive and in a perfect state, ready to feed and in an incredibly short time to reproduce like the parent, and without even the presence of a male.

Charles Bonnet, a Swiss naturalist who made the life history of these insects a special study, gives us some interesting facts concerning their mode of living and reproductive proclivities. He isolated one of these new-born insects, so that there could be no communication with any of its kind, and after watching it for some hours he actually saw it reproduce living young. One of these he also isolated and found that it also possessed the same power. He carried the experiment to the fifth generation, when they showed no sign of diminution of the reproductive faculty. He calculated that at the end of the fifth generation, if left undisturbed, this fatherless progeny would amount to the enormous total of 590,490,000, a nice little family to house and feed.

These young flies are easily destroyed during their infancy and never attain maturity where plenty of fresh stems are strewn under the benches. Ribes.

Frank J. Fillmore.

THE SUCCESSOR TO LIBERTY?

The E. G. Hill Company, Richmond, Ind., has a number of very promising seedling roses and in a red seedling of Lady Battersea crossed with Liberty Mr. Hill considers he has the most promising novelty it has ever been his good fortune to possess. The flower is much like Liberty in form and color, but a little more on the scarlet order and is more double. But it is in growth that the variety is expected to prove itself superior to any red rose now in sight. It is as easily handled as Bride or Maid, keeps going all winter and Mr. Hill says that, if such a comparison can be made, this seedling grows half again as strongly as Liberty. His stock now consists of eighty-five plants, for which he is reported to have declined an offer of $5,000. So strong a grower is it that there will be no strain on these plants to increase the stock to from 8,000 to 10,000 plants for next season, which will permit of its dissemination in the trade in 1905.

THE CHICAGO SHOW.

The Chicago Florists' Club held another of its periodical shows at Handel hall on Wednesday afternoon and evening and scored the success of the season. The exhibits gathered by the efforts of P. J. Hauswirth, the manager, filled the hall so completely that little room was left for visitors and the place was thronged from opening to close. The general effect of the show was excellent.

On entering the hall, the center of the view was occupied by a splendid display of roses from Peter Reinberg. Uncle John and Chatenay were the leading features of the exhibit, but there were also vases of Beauty, Ivory, Liberty, Golden Gate, Bride, Bridesmaid, Perle and Sunrise, equally well grown. Considering the state of the rose market this display represented a tidy sum.

Benthey & Co. showed a splendid vase of Bridesmaid and another of Bride. George Hepp, of Grand Rapids, sent some good blooms of a pink seedling but they were found slightly frosted when the box was opened.

Baur & Smith, of Indianapolis, sent a very fine vase of their pink carnation, Indianapolis. Local growers like it better every time they see it.

The Chicago Carnation Co. showed a fine vase of Crusader, another of Harlowarden and a smaller vase of Alba, the latter probably the largest white flowers ever staged in this city. Mr. Hartshorne states that its one fault is its slowness.

F. Dorner & Sons Co., Lafayette, sent Lady Bountiful, which everyone likes.

The E. G. Hill Co., Richmond, Ind., was represented by a vase of Adonis which was a pleasure to every visitor. It left little to be desired.

W. N. Rudd put up a vase of Phyllis, with the merits of which this market

View in the Large Daffodil House of the Leedham Bulb Co., Santa Cruz, Cal. (See page 617.)

has become thoroughly familiar, also a vase of his good white, which he has christened Chicago White.

Wietor Bros. staged Enchantress, Morning Glory, Guardian Angel, Lawson, Harlowarden and Chicago, blooms from regular stock but up to exhibition standard.

Sinner Bros. showed America and Lawson in good shape and also a white seedling, from Norway crossed White Cloud which looked pretty good.

Anton Then had a vase of No. 122, a good variegated.

John Reardon put up two fine vases of Mrs. Lawson.

From F. R. Thornton, of Gesler & Drury, Galesburg, Ill., came a pink seedling christened Illinois.

The Thompson Co. also made an exhibit of carnations.

The George Wittbold Co. put up a very fine lot of bulbous stock and a couple of rhododendrons in handsomely decorated pots. The public liked this exhibit rather better than anything else.

G. Swenson, of Elmhurst, was represented by good California violets.

Oechslin Bros. put up a large group of the well grown decorative and flowering plants on which their place in becoming so well known.

H. N. Bruns had a good vase of valley.

W. L. Palinsky brought well grown cinerarias and Primula obconica.

Last but not least was the exhibit of Klehm's nurseries. This was valley from home grown pips labeled "the true Berlin variety." Certainly no finer valley was ever seen in this market. They also had La Reine tulips in splendid shape.

The sum of $100 in gratuities was divided among the exhibitors.

FOR SHADY SITUATION.

Can you suggest any plants suitable for beds in front of a residence facing east and shaded at a distance on the south by tall trees? They get nearly all the morning sun. My customer says geraniums seem to run to leaves and they get very few flowers from any plants used. Can the trouble be that they are in too rich a soil and get too much water? Would scarlet Phlox Drummondii or scarlet verbena do for an early show of bloom among Nutt geraniums if the bed is not watered too much? I think they wish a red flower display rather than tropical foliage effect. Or would salvia be a good blooming plant if grown somewhat dry in such a location?

G. F. H.

The conditions described, "shade at a distance," and the "sun up to noon" are by no means unfavorable and we think that a rich soil and the curse of the senseless use of the hose is the main cause of the failure of the geraniums. It's true that the zonale geraniums do best in the broad sun without any shade whatever, but we have all seen them go to leaf with little flower in a very wet season or when kept soaked with water. Scarlet Phlox Drummondii would make a brilliant bed if the flowers were kept picked off and if, in a long dry spell, an occasional soaking was given the bed. Verbenas would make a pretty bed, but I would not mix them with geraniums.

The taste for coleus, achyranthes and that class of foliage plants is very much on the wane and flowering plants are correspondingly on the increase in favor. The objection to the scarlet salvia for such a position is that it's rather late flowering. Yet from August on till hard frost, what is more cheering and beautiful than the scarlet salvia? It seems to blend with tints of the foliage and the ripening fruits and berries of our woods and orchards. It gives us a feeling of warmth.

However, the flowering plant that the writer would advise for such a bed would be a good, dwarf, free-flowering canna. Tarrytown is a grand variety, and a brighter scarlet and very dwarf, with plain green foliage is The Express. The latter is not very common yet, but it is a jewel where a pure scarlet dwarf canna is needed. The canna has another advantage: neither the owner or the hired "John Thomas" could injure them with the profuse or careless use of the hose.

William Scott.

DAHLIA PROPAGATION.

Being interested in your notes on propagating the dahlia, it might not be out of the way for me to state that commercially the general method pursued has been by cuttings, as a new variety can be increased very much faster in that way, but it is at the expense of vitality. The clumps grown from cuttings are smaller and need a second year's growth to make full sized, strong clumps. When the regular clump is divided and one, two or three tubers are planted together, the stalk allowed to grow has a good foundation to live on while the roots are forming in the soil. A stronger plant and the consequent stronger clump is bound to be the result.

Time and care are the two main factors in the result, understanding, of course, that we have good soil in either course pursued. When the cutting is taken off it is of necessity a weak thing. Properly cared for, it soon strikes root, but must get all its nourishment from the soil. The growth is necessarily slow,

because everything is formative, but with good care throughout the season, close, small clumps are formed that will bring excellent results the second season.

On the side of the divided root you have a reserve force in the tubers that sends the shoot upwards regardless of the soil, and as roots are formed the stalk is nicely growing and ready to assimilate all the vitality both clump and root can give. Consequently, as far as the single plant is concerned, the divided root is greatly preferred. However, when a large number of plants is desired to disseminate a new variety, the system of propagating by cuttings is the one to be employed and vitality brought up by the second year's growth.

E. S. Thompson.

Dahlia specialists in Europe propagate during summer from cuttings in small pots. The small tubers thus produced are kept in the pots or, which is still better, packed in dry sand in boxes away from frost or heat. The small tubers give better satisfaction than either divided clumps or spring cuttings.

E. Ferrand.

SOCIETY OF AMERICAN FLORISTS

Executive Board to Meet.

The annual meeting of the executive board has been called by President Breitmeyer to convene at St. Louis on Saturday, March 5. Members of the society, or others having in mind matters which should be brought to the attention of the committee for the benefit of the profession, or the interests of the society, are requested to send same in writing to the secretary at an early date. All such communications will be gladly welcomed by the officers of the society and will be given all due attention. The sessions of the board will be held at the Southern Hotel and will probably continue for three days.

Wm. J. Stewart, Sec'y.

THE READERS' CORNER.

The White Fly.

Ed. Review:—I have been much interested in the recent articles on the white fly, which is indeed a tough proposition. He "holds the fort" and laughs at our efforts to dislodge him. He thrives on smoke and as for shower baths of whale oil soap, kerosene or nicotine, they are all the same to him. Let us do justice to the aphis, mealy bug and red spider; they "take their medicine" and die like true Americans. Not so the white fly. We may make our decoctions ever so deadly and with steady aim and murderous intent discharge them at his innumerable army. And what happens? He ducks, dodges and on triumphant wing disports himself at a safe altitude until the exercises are over. Then he at once returns to business at the old stand.

I am indebted to the white fly; he has given me something to think of. It was a case of conquer or be conquered, and I was about resigned to surrender when I found his one vulnerable point. I grow only plants for spring sales, so a very moderate temperature suits my purpose. A temperature below 50 degrees discourages the white fly and makes him sulky and not disposed to aerial flights. Take due notice, therefore, and govern yourself accordingly. Attack him with your favorite "hell broth" early on a cold morning and victory will be yours. I simply used a fine syringe and water at a temperature of 120 degrees and cleaned out the entire swarm except a few stragglers. When I think of the myriads that threatened to overwhelm me, and now of my clean plants, I know something of the joys of victory.

J. Thornley.

That Perpendicular Drop.

In your issue of January 28 Mr. Scott's answer to Mr. Wallace, on the heating question, interested me very much, particularly where he says: "I must admit that Mr. Wallace is correct in stating that according to the laws of hydrostatics it makes no difference whether the drop in the return pipe is six feet in 100 feet or a perpendicular drop of six feet. The pressure where the return water enters the boiler would be the same. Yet in practice the perpendicular drop has been proved to be the better method." Mr. Wallace and Mr. Scott have evidently both overlooked the fact that they are dealing with water of varying temperature, and therefore varying density.

In Avery's Elements of Natural Philosophy you will find: "The pressure on the bottom of a vessel containing a liquid is independent of the quantity of the liquid or the shape of the vessel, but depends upon the depth and density of the fluid and the area of the bottom." Now when there is a vertical drop in the return near the boiler and the pipes in the houses are nearly level, the vertical height of the water is almost entirely made up of the portion of the liquid which is the coolest and therefore of the greatest density and does exert a greater pressure at the boiler than if it descended gradually, and the average temperature throughout the vertical height were greater.

Again, the vertical rise in the flow near the boiler, where the water is least dense, exerts the least pressure possible in the system. As this arrangement tends to increase the pressure in the return and decrease that of the flow and the circulation is directly dependent on the difference, it can readily be seen that there is a very good reason for this method of piping, where it can be had, having been "proved to be the better method."

If Mr. Wallace's contention that the vertical height from one end of the system to the other was the only thing that gave pressure, and if the temperature did not have to be taken into account at the particular place where the water took its rise, the pressure in both flow and return, having the same vertical height, would be the same; the system would balance and there would be very little chance of circulation.

Peter F. Daly.

Owosso, Mich.—The Sunnyside Greenhouses are to be doubled in extent this spring, plans now being under way for the erection of about 12,000 feet of glass.

Urbana, O.—S. W. Carey began business a year and a half ago and has a nice trade. He began with two 70-foot houses, put up two more last fall and expects to put up one or two this spring. It is a purely local trade.

A TOUR OF INSPECTION.

Two well known growers for the St. Louis market, A. Jablonsky, of Wellston, and J. F. Ammann, of Edwardsville, the latter accompanied by his foreman, Henry Blixen, recently made a trip to Chicago and other cut flower growing points. Mr. Ammann told the St. Louis Florists' Club what they saw at its meeting February 11. Here are some of the things he said:

On arrival at Chicago our first call was on A. Dietsch, the short-roof material man. There we were taken through the mill and shown how the material for these successful houses is manufactured. Thence we journeyed to Peter Reinberg's wonderful establishment. We were a little late but still in time to see the Sunrise in all its glory. After getting lost in these immense greenhouses a few times, we finally met the genial foreman, Mr. Collins. He took us around and introduced us to his honor, Uncle John, and Madam Chatenay. Both were in fine form and regardless of the inclemency of the weather (I hate to speak of it, for it makes me shudder) were in full dress ready for any reception. Uncle John, the bolder of the two, although the younger, impressed us very much and we predict a great future for this rose and will add that if it fills a place in floriculture as has its namesake, we say, well done.

Next we went to the Budlong greenhouses and found an immense lot of stock, both roses and carnations looking well. Then we went to what they call in Chicago a small place, that of Weber Brothers. This, gentlemen, was a sight. It was almost dusk on arrival there, but those Brides and Maids caused our eyes to open so large we could have seen even were it pitch dark. Four-year-old plants, and to see these two grand old stand-bys done that way one forgets ever wanting anything else. Simply wonderful! Here we also saw the finest house of Lilium longiflorum either of us had ever seen. These men certainly know their business.

The next morning we were out bright and early, ready for another day's journey. We made a short call at a few wholesale houses and took the train for La Fayette, Ind., where we called at F. Dorner & Sons' store. There we met the genial son-in-law and his estimable wife, who has charge of the store. They at once ordered a carriage and had us taken to the greenhouses. I suppose they could tell by our looks where we wanted to go. There we met the old carnation veteran, F. Dorner, Sr., and his sons, and the old gentleman himself took us in charge. We were first shown the many thousands of cuttings in the sand, all as clean as could be. Next we were introduced to Lady Bountiful and The Belle. Now there are a pair of beauties, the Lady Bountiful with her dress of luxurious foliage, stiff stem and beautifully fringed flowers and the Belle, so graceful and a flower as white as white can be. They certainly impressed us as being a pair well worthy of their names and all that has been said of them. Next we were taken to a house of seedlings, and such a sight we never could even imagine. It was here Mr. Dorner realized he had too much of a job to watch all of us, so he delegated his son, a fine young man, to keep an eagle eye on Mr. Jablonsky. He being from Missouri was, of course, considered the most desperate and had the old gentleman known

what I did, namely that Jablonsky was a grower of seedlings himself, I am satisfied he would have barred him altogether. Mr. Blixen and I being rose growers (I am not afraid to say that in St. Louis) were not watched so closely. This place is indeed a wonder in carnationdom and the hospitality shown there is unbounded.

We arrived at Indianapolis late in the evening and after getting lost a few times finally found a hotel. After supper Mr. Jablonsky, seeing everything looked so different from Missouri, suggested a stroll around, but we had not gone very far before we missed our friend. On retracing our steps for several blocks, we found him taking notes of a well grown cyclamen plant in a store window. Next morning, bright and early, we were on our way to Baur & Smith's. Here Mr. Baur took us in charge and introduced us first to Indianapolis. The city itself is noted for its cleanliness, but it's simply not in it with the carnation that bears its name. It is certainly a clean grower, a good producer and we believe has all the qualifications claimed for it. We were next shown the cuttings in the sand, all in fine, healthy condition. Next we went to the seedling house. Here I made it my especial business to watch Mr. Jablonsky, while he watched the seedlings, and as soon as I discovered that he was getting nervous I suggested it was train time and with a vote of thanks to Mr. Baur we departed for New Castle to see roses.

Our first stop was at Heller Brothers', of the South Park Floral Co., and right here is where Jablonsky got the laugh on us, for the looks of their roses I must admit did not exactly agree with me. But I felt much relieved on looking around at my foreman, Mr. Blixen. You ought to have seen him. I was afraid Mr. Heller would notice it and at once suggested that the smell of natural gas did not seem to agree with him, as he had never been near any before. When I say that all the stock here is as good as usual, I think it is enough said. We stopped at the Benthey greenhouses just long enough to inspect one of the best equipped heating plants either of us had ever seen. A peep at the stock showed it looking very well, and now for home.

LONDON AUCTIONS.

A. Hemsley writes that on January 20 there was a very large consignment of Japanese liliums at the auction rooms. There have been several sales previously, but they continue to attract large numbers of buyers. Among the buyers on the above date were several from long distances. Some of the bulbs offered were the largest I and others have seen. In the catalogue they were aptly described as "mammoth bulbs." No exceptionally high prices were made, unless it was for L. speciosum album; for bulbs of this there was lively competition, the largest being particularly in demand. In all other varieties it was the largest bulbs that attracted most attention. The medium-sized bulbs were bought in large quantities by market growers. Judging from these sales, it would appear that though the trade may be dull just now, growers anticipate a better time later on. American Pearl tuberoses were sold in large quantities. In all there were upwards of 200,000 sold. These fetched about 26s. per 1,000. Palm seeds sold well, especially Cocos Weddeliana and Kentia Belmoreana, but Kentia Forsteriana did not make quite such high prices, although the samples were very good. Lily of the valley Fortin's Giant sold well at about double the prices made by the ordinary Berlin crowns.—Gardeners' Chronicle.

DETROIT.

Carnation Convention.

The time is fast approaching when the meeting of the American Carnation Society in Detroit will be a thing of the past and the anxiety of the members of the club to make it a success will have been either realized or attended by failure. But we have every reason to believe, from the thought and hard work given the matter, both as to staging the stock and the entertainment, that success will crown our efforts, provided we are given the support of the members of the society in attendance and discussion of papers and matters of interest to the society.

An invitation will be extended by John Breitmeyer's Sons, through Philip Breitmeyer, president of the S. A. F., to visit their plant at Mt. Clemens on Friday morning to see the new rose, La Detroit, and it is hoped that everyone interested in roses will accept. Special cars will carry the party and I will say that the special brand of rose juice kept in the Breitmeyer cellars at Mt. Clemens is of the purest, for they make it themselves.

Through some oversight the name of the donor of the prize in the sweepstakes class was omitted from the premium lists. This should have read "given by Michigan Cut Flower Exchange." If this omission was caused by the president he humbly apologizes to the donor.

RAG.

CHICAGO.

The Market.

This has been a week like old times. Business was steadily on the increase, until last Saturday proved to be the best day of the year to date. Local demand has again shown some signs of life and shipping trade is fine. The feature of the situation is the shortage in the rose crops. Beauties are hard to get in any good grade and tea roses are not equal to the demand by quite a little. Some of the country buyers have protested at what they called "Christmas prices" when charged 10 and 12 cents for Brides and Maids, but that has been the market rate for the select stock. Qualities in the rose department are unusually good but the unfavorable weather we have had keeps the plants standing still.

Carnations are also of very good quality and in large supply, but the daily receipts are being cleaned up in good style and at fair prices. Valley has come to be a good item; it has been going slowly for a long time. Violets had a couple of good days, Saturday and Sunday, for St. Valentine's. While large quantities were sold it was not possible to advance the price to any considerable degree. Callas and Harrisii are doing well and in fact all bulbous stock is faring better than it has.

Ferns seem to be running short and the price has been advanced to $3.50 per thousand.

Various Notes.

There was considerable disappointment because Lincoln's birthday last Friday had been overlooked in the matter of its effect on the mails. There is only one delivery on a holiday and a good many orders which had not reached the Chicago postoffice by 8:30 a. m. were not delivered until the next morning. And it is not even possible to get the letters by going to the postoffice after them, so bear this in mind for Washington's birthday, next Monday, February 22.

The Florists' Club had the last of its outside meetings on the south side last Saturday night. Supper was had at a cafe and adjournment taken to a hall across the street, where W. F. Burns dissertated humorously and patriotically, a gentleman named Woodruff talked "business" and some colored gentlemen whom George Asmus brought along demonstrated that they were all right. There was a large attendance and everybody had a good time.

The George Wittbold Co. reports no trouble with shipments of plants even in the worst weather of this most severe winter. They shipped specimen plants worth $250 to Smith & Fetters, Cleveland, the other day and they arrived all right. Their own heated wagon takes the stock to the depot and a letter is sent the day before to the express agent at destination notifying him that the shipment is coming and directing that if the weather is freezing the box be not delivered but set in a warm room and the consignee notified.

Bassett & Washburn are grafting 100,000 rose plants, probably more than were ever grafted by any rose forcers in the country. Just now the cut they are getting shows the value of grafted stock. Mr. Washburn says that their order is now for delivery to them of ninety tons of coal a day.

J. A. Budlong has decided to go ahead with four new houses 27x300, which will cover up all his real estate.

The main party to the carnation convention will leave on the Wabash at 3 p. m., March 1 and another party, including several with exhibits, will be on the 11 o'clock train. Everyone passing through Chicago is invited to join the local delegation.

The secretary of state has licensed the incorporation of the Benthey-Coatsworth Co., capital stock $10,000, objects, a general florists' business, incorporators, Louis Coatsworth, Frank F. Benthey and Philetus Smith.

It is stated in political circles that Peter Reinberg is likely to receive the democratic aldermanic nomination in the Twenty-sixth ward.

On the morning of February 12 fire did $400 damage to the greenhouse of Herman Krause, 7801 Jeffery avenue. The fire started from a defective flue in the boiler shed.

Cattleyas have become very scarce. C. W. McKellar reports a nice business on orchids.

Kennicott Bros. Co. is getting fine valley from Klehm's. G. E. Pieser, of this house, spent last week in Iowa.

Sam Pearce is sending in fine Murillo tulips and other growers are also cutting this variety good for so early.

A. Dietsch left Tuesday evening for Mobile and will go thence to southern Florida to spend two or three months.

T. J. Corbrey is starting a seed farm at Long Beach, Cal.

The prospects are for a very good

delegation to the Detroit carnation meeting. Every day brings additions to the list of those who will attend. A bowling contest between teams representing the principal cities will be an additional attraction to several.

PHILADELPHIA.

The Market.

The social season closed with plenty of business for everybody. The supply of flowers was hardly equal to the demand. Roses and carnations were very scarce, despite good shipments from some of the growers. St. Valentine's day created a large demand for violets, also for pansies and myosotis. The only drag on the market was bulbous flowers. La Reine tulips were sold to replace white carnations and white roses, but colored tulips went rather slowly and daffodils dragged badly. Great quantities of smilax have been used lately. White lilac and Harrisii lilies seemed more plentiful and were in demand. The Beauty growers with one or two exceptions appear to be off crop. Brides and Maids are better than at any time this season.

Leo Niessen is receiving white poeticus.

C. A. Dunn.

The sad death of Clarence A. Dunn, briefly noted in the Review last week, came with startling suddenness to his many friends. He was absent from business but a few days and was supposed to be suffering from a mild attack of grippe. Many have been the expressions of deep sorrow among our florists at the loss of their comrade and of heartfelt sympathy for his family. The funeral last Sunday afternoon was attended by many friends. The wholesalers almost to a man sent floral tributes, as did a number of others. Mr. Dunn was 43 years of age. He had been in the florist business for over twenty-five years. It is said that he began as a grower in Norristown, coming from there to Robert Craig, at Forty-eighth and Market streets. Later he had a store in West Philadelphia and then entered the employ of La Roche & Stahl, at Thirteenth and Chestnut streets. When that firm failed he became right hand man to Leo Niessen. Later he occupied the same position at Dumont & Co.'s, where he afterward became a partner. On September 1 he started the commission house that bears his name. He leaves a widow and four children.

Logan.

This well-known place on the old York road has been famous for years for its fine stock of decorative and flowering plants. A flying trip was made there this week for the special purpose of seeing the carnations. The owner, Mr. Graham, was at his place of business in the city, but the foreman, Mr. Groshans, showed us the stock under his care. The feature of that part of the place devoted to carnations was a house of Mrs. Lawson with plants full of flowers, many of them measuring four inches across. It was a fine sight, made more striking from the fact that the rule was handled by the husband, if names go for anything, of the lady whose name the flower bears. There was a very fine house of white varieties, Gov. Lowndes, Glacier, Gov. Wolcott and Lillian Pond, all full of good flowers. There was another house with interesting seedlings, one resembling Mrs. Lawson with rather longer stems, but smaller flowers. Another was a dazzling scarlet. A house of Liberty roses was in good shape, also one of Beauties. There was a splendid lot of decorative and flowering plants that give promise of good results.

"At the Sign of the Rose."

A visit was paid to that unique shop a few days ago for the purpose of seeing some Bridesmaids, said to be the finest coming into the city at present. They were sent by A. J. Pennock, the valley specialist, to his brother S. S. Pennock and had been selected that morning as the cream of a shipment of 500. The flowers were magnificent, their beauty enhanced by the white lilac with which C. H. Fox had tastefully arranged them.

Notes.

The business of C. A. Dunn & Co. will be continued by Charles F. Edgar, who has helped develop it from the start and is thoroughly acquainted with every detail.

Edwin A. Seidewitz and William Fraser, of the Baltimore Exchange, were in this city lately.

James Verner is shipping some very fine Brides and Maids to Leo Niessen, whose stock of these roses is remarkable. In Andre, Bevis, Campbell and Verner he has a quartette of tea rose growers hard to equal.

Edward Reid is handling the fine valley from W. P. Stokes mentioned last week.

The Flower Market's Beauties, lilacs and violets have been highly praised by the critics.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

Question No. 6:—What are the best varieties of white dahlia for fall blooming? Without doubt Storm King and John Walker. They are both equally good. Storm King should not be planted early if for fall blooming and on the other hand John Walker requires earlier planting. Storm King responds to high cultivation with immense quantities of finest flowers. John Walker, being a late bloomer and developing to perfection during the late, cool weather, we can get the very best from it with little attention after Storm King is over.

Phil.

NEW YORK.

The Market.

The market has been as steady as we anticipated during the past week and the average prices of the past ten days have been maintained. It remains for Wednesday to demonstrate the influence of Lent and the reduction in festivities among the 400. Little change of importance has marked the advent of the sackcloth in ashes period of late years and this will hardly be an exception to the new rule. We look for a fairly good market until Easter. If any decided slump occurs it will be in violets. Even last week fine boxes of specials went down the line appealing in vain for recognition at over 60 cents per 100. Many of the wholesalers who handle hundreds of thousands weekly anticipate 50 cents as high mark from now on, so enormous is the crop and so overwhelming are likely to be the shipments, judging by other years.

Roses seem to hold steady and occasionally add a little to the regular price. Beauties of the best grade even touch 60 cents. Brides and Maids remain as quoted a week ago. Liberty is abundant and a goodly supply of Sunrise and Golden Gate is seen in the retail windows. The carnation supply is sufficient for all demands and the quality superb. Some grand Prosperity and Enchantress command 10 cents. The ordinary grades are lower and abundant. Cattleyas have advanced to 50 and 60 cents again. Lily of the valley has to be of extra grade to bring $2 per 100 and in large quantities has sold as low as $10 per 1000. Good lilies still hold at 10 to 12 cents and bulbous stock increases in quantity daily.

St. Valentine's day fell on Sunday and fell flat, too, so far as helpfulness to the flower market goes, for the influence of the Saint was more than discounted by the immense shipments of violets, in anticipation of an increased demand which did not materialize.

Various Items.

Langjahr is handling some special valley and violets and is confident he has made no mistake in making New York his headquarters.

Saltford shows with pride some large shipments daily of grand Lawsons from V. H. Pilat, of Ossining, N. Y.

The Stumpp & Walter Co. is making extensive improvements in its store on Barclay street, including a new front with an abundance of mirrors, making it very attractive and up-to-date. Geo. H. Goldner, formerly with Reed & Keller, is now traveling for this firm.

J. G. Leikens and wife have returned from an anniversary trip to Montreal and other Canadian cities.

The white palace is now completed and Mr. Siebrecht has the credit of having brought into being the most beautiful flower store in the world.

Wednesday evening last the American Institute inaugurated its new departure, holding its monthly meetings in the evening. The change promises well. The attendance was far in excess of the afternoon average, over fifty being present. Splendid specimens of many of the best varieties of orchids were displayed by Lager & Hurrell, of Summit, N. J. C. W. Schneider, of Irvingtou, read a paper on leaf mold for orchids, which was discussed by Messrs. Siebrecht and Lager. Secretary Barron read a very interesting essay by E. O. Orpet, of Lancaster, Mass., on cool orchids, which was followed by a stereopticon exhibition of colored slides from the collection of Mrs. Van Brunt. Many ladies were in attendance.

J. W. Ludwig, of Pittsburg, was in the city last week, as well as Harry May, of Summit, and L. Small, of Tewksbury. Mr. May reports his father still very ill and unable to leave his room.

Chas. Dards, the retail florist, has departed for an outing in the sunny south.

William J. Elliott has about decided to cut out his Bermuda trip. The auctions begin in less than a month and the bowling contests, annual dinners and rapidly increasing spring business makes absence undesirable.

Patrick Welch was so delighted with the carnation night at the club that he

prolonged his stay in the city among his brother wholesalers for several days.

At the rose night of the New York Florists' Club, March 14, Robert Simpson, of Clifton, N. J., will read a paper and all the prominent rose growers of the east have already signified their intention of exhibiting and many from the west are expected.

The club dinner on Saturday evening promises well. Mr. Sheridan announces that a good attendance is already assured and orders for tickets are coming in daily, many of them from the neighboring cities. It is expected that nearly 100 will attend. President Traendly will be toastmaster.

The Millang brothers, Charles, Frank, Joe and Gus, on Sunday celebrated the seventieth birthday of their mother, at her residence in Bayside. The old lady is hale and hearty and greatly enjoyed the family reunion and the gifts with which the boys were laden. On February 15, eighteen years ago, Frank Millang, Sr., died, the father of this harmonious quartette, himself a florist of many years' experience and the son of a Belgian florist. The Millang boys enjoy the good will of everybody in the trade and are themselves good examples of harmony and unselfishness, of whom their honored mother is justly proud.

The prize bowling contest on Monday evening was a thriller and proved a most successful departure from the beaten track. So much so that monthly prize contests have been decided upon. The second game of the evening was chosen as the test of nerve and skill and resulted as follows:

Gibbs	191	Silver cigar cutter.
Haffner	168	Box cigars.
Siebrecht	156	Homemade wienerworsts.
Guttman	125	Pair of vases.
Mansfield	120	Six silk neckties.
Shaw	116	Handsome stein.
Bennett	111	Fancy cane.
Butterfield	106	Bottle champagne.
Nugent	92	Bottle Wilson Whiskey.
Traendly	89	Bottle Nervine.
Lenker	73	Bottle brandy.

By a strange coincidence the bowlers whose scores show the need of stimulants chose them. An excellent dinner followed the evening's sport and many visitors arrived before the games were over. The best scores for the evening follow, not including the prize contest:

Guttman	113	139	...	...
Traendly	132	108	...	...
Gibbs	116	118	152	...
Smith	147	135	146	...
Young	117	192	116	...
Mansfield	138	167	142	173
Sampson	122	122	91	130
Nugent	69	90	108	141
Haffner	134	171	114	...
Bennett	162	106	137	123
Lenker	43	67	66	97
Siebrecht	148	151	138	133
Butterfield	147	158	137	121
Shaw	147	151	138	133

J. AUSTIN SHAW.

ST. LOUIS.

The Market.

The condition of the cut flower market is not very satisfactory to the retail trade at the present time. Prices seem to go up and down every other day. The same can be said of stock; one day there is plenty and the next hardly enough to fill orders. The demand was very brisk the latter part of the week. There was an extra call for St. Valentine's day, which seems to have come to be one of the florists' busy days, as most of the retailers were busy sending out boxes of cut flowers for valentines. The greatest call was for violets and the wholesale men slipped up the price to 75 cents and $1 per 100. It is claimed that some 40,000 violets were disposed of on last Saturday and about as many more on Sunday. All of these were California, of the finest quality, as double violets have very little call in this market. Roses, which it was thought a week ago would be more plentiful, are again very scarce and a great many orders could not be filled on Saturday. Brides are selling at from $6 to $12 per 100 and Maids from $5 to $10 per 100. Liberty and Meteor run from $4 to $10 per 100. Good Beauties seem out of the question in this market, with shorts and medium grades only in limited quantity.

Carnations are quite plentiful, with a good demand for the best stock. The past week our wholesalers sent out some very fancy stock of White Cloud, Lawson, Prosperity, Enchantress, Triumph and Estelle. Prices on these ranged from $3 to $5 per 100, a few common sorts going at $2. Any white sells well. Smilax, asparagus, adiantum and bronze galax are in good demand, with no advance in price.

The wholesale houses are still well stocked up with bulb stuff. Roman hyacinths, Paper Whites and lily of the valley are in abundance. Tulips seem to sell well of late. Harrisii are still limited as to quantity. Callas are more plentiful. Freesias are a drug. Dutch hyacinths are not over-plentiful and sell well. As to prices they remain as last reported.

Club Meeting.

On last Thursday afternoon the Florists' Club held the best attended and most interesting meeting in its history, it being our annual carnation meeting. The exhibits of carnation blooms were large and fine. From the outside came a large vase from R. Witterstaetter, Cincinnati, of the Cardinal, a beautiful red. Baur & Smith, of Indianapolis, sent a magnificent bunch of Indianapolis. Dorner & Sons Co., of La Fayette, sent the Belle and Lady Bountiful. The Chicago Carnation Company, of Joliet, staged the grand Crusader, Fiancee, Harlowarden and Dorothy Whitney. The Thompson Company also showed several varieties. All of the above made a beautiful display and all were staged in the east end of the hall. The local exhibits were staged in the west end. J. F. Ammann showed a vase of White Cloud and Queen Louise; F. W. Ude, Enchantress and Prosperity; John Steidle, Harlowarden and Enchantress; St. Louis Carnation Company, White Cloud; A. Jablonsky, Peru, and Frank Fillmore a vase of well grown mixed varieties. Visitors at the meeting were James Hartshorne and J. D. Thompson, of Joliet; George M. Kellogg, of Pleasant Hill, and Martin Reukauf, of Philadelphia.

The meeting opened at 2 o'clock and the attendance reached forty by 3 p. m. Three new members were elected, Mr. Rotenhoefer, Hugo Gross and John Steinecke. These gentlemen are requested to attend the next meeting of the club. F. W. Maas, of the St. Louis Seed Co., made application for membership. James Gurney, of Tower Grove Park, was made an honorary member of the club.

The judges appointed by the president on the local exhibits were J. D. Thompson, F. C. Weber and Theo. Miller; on out-of-town exhibits, John Steidle, Wm. Winter and A. Jablonsky. On home grown stock results were as follows: John Steidle, first; F. W. Ude, Jr., second, and A. Jablonsky, third. The report on exhibition stock was as follows: The Cardinal, very fine red, large flowers with long stiff stems; The Belle and Lady Bountiful, very fine, large flowers, very good white; Indianapolis, best pink yet seen; Chicago Carnation Co., Fiancee and Crusader attracted a great deal of attention and were voted the best of their kind; Harlowarden and Dorothy Whitney also came in for their share of praise from the judges. The Thompson exhibits came in for their share of comment, being fine blooms.

Frank Fillmore's essay on "Carnation Growing" was very interesting and the essayist was frequently applauded during the reading. E. W. Guy next led a discussion on propagating carnations. Mr. Guy showed from a plant how they used to make cuttings years ago and how they are made at the present time. This brought out a long discussion between Messrs. Hartshorne and Thompson, of Joliet, and Messrs. Dunford, Fillmore and Guy, of St. Louis. This really was one of the features of the meeting. J. F. Ammann next gave a very interesting reading of his trip through Indiana and Chicago, in which he paid a high compliment to all those they visited and told of the fun he had at the expense of his friend Jablonsky. The next meeting of the club will be held March 3, at 2 o'clock. At this meeting J. H. Hadkinson will read an essay on "Landscape Gardening at the World's Fair," and Henry Emmons will lead a discussion on propagating geraniums.

The entertainment and ball which will be given by the Florists' Club will take place Friday night, February 19. This promises to be one of the finest affairs ever given by the club. The hall will be handsomely decorated with plants and wild smilax. A fine band of music has been engaged for the occasion. The entertainment will be furnished by local talent from the club members. Ice cream, coffee and cake will be served. The committee reports that a large number of tickets have already been disposed of.

Committee Meeting.

The arrangement committee met at Weber's store last Friday night and completed the arrangements for the entertainment of the executive committee, which meets here March 5. The banquet will be held at the Missouri Athletic Club on Saturday night, March 5. On Sunday a trolley ride to the World's Fair grounds to be entertained by Messrs. Taylor and Hadkinson, of the horticultural department. Monday will be spent in the selection of the meeting and exhibition hall and a general call on the trade and perhaps a bowling game before train time.

The World's Fair flower show committee met the same night and made out its lists and the dates on which certain cut flowers and plants will be exhibited. It was also decided that the club would hold its annual flower show in November in the Horticultural building, with the usual prizes, including the Shaw premiums. The prizes will be large and will no doubt attract all of the largest growers in the country.

Various Notes.

We have been favored with a great many visitors the past week. Among them were R. W. Greenlaw, representing N. F. McCarthy, of Boston; B. Eschner,

of M. Rice & Co., Philadelphia; Martin Reukauf, of Bayersdorfer & Co., of Philadelphia; H. P. Hagenholz, of K. J. Kuyk & Co., Holland; James Hartshorne and J. D. Thompson, of Joliet, Ill.; Geo. M. Kellogg, of Pleasant Hill; J. F. Ammann and Henry Blixen, of Edwardsville; Henry Emmons, E. W. Guy and Dr. Halstedt, of Belleville; J. W. Dunford and John Steidle, of Clayton; F. W. Ude, Jr., W. J. Pilcher and Wm. Winter, of Kirkwood, and A. Jablonsky, of Wellston.

Mr. and Mrs. Charles Juengel celebrated the twenty-fifth anniversary of their marriage on Tuesday, February 16. The house was beautifully decorated for the occasion and many of their friends sent beautiful presents. The members of the club are with me in congratulating the happy couple.

Henry Ostertag reports a new arrival, a girl, and all are happy and well.

Bowling.

Team No. 1 of the Florists' Bowling Club won all three games on Monday night, by the following scores:

Team No. 1.	1st.	2d.	3d.	T'l.
Beneke	172	192	197	561
Miller	147	133	130	410
Meinhardt	125	134	153	412
Beneke, Jr.	167	123	162	452
Beyer	203	183	182	567
Wessling	108	172	118	398
Totals	922	937	942	2800
Team No. 2.	1st.	2d.	3d.	T'l.
Kuehn	134	162	158	454
Adels	144	171	170	485
Weber	126	111	137	374
Ellis	129	125	133	387
Young	129	144	133	406
Weber, Jr.	143	143	147	433
Totals	804	856	878	2539

J. J. B.

RANDOM NOTES.

I notice in your issue of February 4, John H. Dunlop, of Toronto, speaks highly of Carnation Glacier. He has grown it ever since it was first sent out and is well qualified to pass on it. Horn & Bro., Allentown, Pa., tell me it is their best white. They grow several other whites, but none is so satisfactory with them. Gov. Bliss is their favorite scarlet. Alpine Glow is an excellent substitute for Morning Glory. These two were selected by them at C. W. Ward's, where they were seen in splendid shape. Messrs. Horn have faith in Adonis and will give it a good show next season. Lawson, here as elsewhere, is the standard pink. The extent of this place is 42,000 square feet of glass, well built houses, fine stock, supplies two stores. Enchantress will be given a trial. I saw a grand lot of this beautiful variety at H. W. Fields, Northampton, Mass. His whole plant was devoted to the newer kinds. Harry Sinclair, the able grower, is of the opinion that the absence of sunlight seemed to affect many of the older kinds, more so than the newer.

Your estemed correspondent, George S. Osborn, of Hartford, Conn., was slowly recovering from a serious illness at the time of my visit. His busy life partner was doing her best to stimulate the plants into bloom and I question, had the boss been around, if he could do much better with weather conditions such as we have been experiencing of late. John Coombs says he never saw anything like it, but rubbed his hands with satisfaetion as he looked over the sea of buds bearing promise of a tremendous crop soon.

Mark Aitken, of Springfield, Mass., says this has been a banner plant season. Frank Burfitt, his grower, is a past master in the art. A. N. Pierson ships much of his choicest cut stock to Aitken.

It was McKinley day during my visit to Wilkesbarre, where Ira G. Marvin was handing out his fine stock as fast as it could be sent in from his big plant at Plymouth.

George R. Clark, Scranton, Pa., was too busy to talk, but insisted on my wearing a bloom rubbered with one of Michell's bands. An excellent thing in its way, but I tumbled onto an invisible wire at a big plant the other day which beats all for originality and usefulness.

Jno. B. Tully, of Binghamton, N. Y., is sick. This winter of hard firing has knocked out many of our old friends who do their own firing. Mrs. Barnes has been indisposed for sometime. Her right hand man, H. Wilbur, looks after the stock most cleverly.

At Elmira I learned quite a little regarding the new plant which has created so much interest through this section. H. N. Hoffman is in close touch with it. His stock is looking in splendid shape; sun evidently been shining since my last visit. G. P. Rawson is giving his attention to the store end of his big concern since Mr. Durand has embarked in business, expecting to handle locally the cut from the new company.

A. H. Woeppel, of Corning, got his new plant running before cold weather set in and says he has had a fine season, stock doing better than in the old place. He has an industrious family who contribute to and share in his successes.

W. A. Wettlin, of Hornellsville, has been under the weather for some time. Business has been good, stock scarce and high.

Alfred Patrick, of Auburn, is delighted with the rose, Ivory, which he can grow as large as Beauty. He intends growing La Detroit.

Will Cass, of Geneva, N. Y., has been re-elected alderman for the tenth term, showing the esteem in which he is held by his fellow citizens.

Fred Goldring, of Slingerlands, N. Y., says roses grew and sold better this season than for years past. The bulk of his glass is devoted to the queen of flowers. Violets failed with him, just at the right time, when prices did not pay to raise them.

G. L. Graham, of Bradford, Pa., has a sport of Lawson variegated. It promises to be a rival to Bradt. The new greenhouse plant is in running order.

DENVER, COLO.

Bowling in the West.

The florists, like many other professional men, need a little recreation once in a while, but out here in this western country there are not many pastimes that have any attraction for the posey man. At this time of the year bowling seems to take the fancy of quite a number of the fraternity and it is indulged in to a considerable extent and is looked upon as a legitimate sport rather than a fad for the fashionable. Among the florists there are a few who are entitled to special note. First is N. A. Benson, our carnationist, who now stands near the top of the city league of bowlers. In his two last contests, of five games each, he rolled a total of 2,018 pins, which is an average of over 200 per game. This contest is for the World's Fair prize, which is a free trip and all expenses to the World's Fair at St. Louis this summer. If Ben gets there the top notchers of last year at Milwaukee will find it a hard matter to retain their honors. Phil Scott and Albert Mauff are two others who are bowling with the City League and are holding their own in fast company, especially Scott, who now has an average of 182 in thirty-six games. In the amateur class, which comprises the old timers, such as Berry, Glauber and Kurth, and a lot of young aspirants, the scores are also significant because of their diminutive character, and the chances for strengthening the convention team is not very encouraging just now, although strenuous efforts are being made by this division of the bowling fraternity. Up to the first of January of this year the following scores were made by the most frequent attendants:

Player—	Games.	Total.	Average.
Chas. Benson	31	4994	155
John Berry	31	4562	147
Geo. Brinkert	24	3311	137
Frank Davis	23	2586	112
Frank Fraser	30	3777	125
Emil Glauber	22	3254	147
Robert Kurth	28	4017	143
R. S. Mahan	27	3348	124
Chas. Mauff	32	4885	152
Geo. Zimmer	17	2559	138

J. A. Valentine has presented a valuable trophy to be contested for by the members. It is known as the Park Floral Company trophy and is made in the style of eight gold bars of smooth surface for engraving and linked together. The eight pieces represent the eight months of the contest and thereon is engraved the name of the successful individual each month. Frank Fraser is having the honor of wearing the prize during the month of February, his increase being 12 per cent over his record. R. S. Mahan is the other contestant who made any material gain, but is only one-half that of Fraser's. This premium has created an incentive to become proficient in this manly sport.

On February 6 the Colorado Springs boys paid us a visit and gave us a chance to return compliments but, as the dose was small and not bitter, they took their medicine with very good grace. Following are the scores of those who participated on both days:

First Contest.

Colorado Springs—	1st.	2nd.	3rd.
Duff	143	95	96
Dunman	113	144	127
Johnson	161	97	133
Vincent	92	120	165
Harris	113	111	93
Totals	622	567	614
Denver—	1st.	2nd.	3rd.
Kurth	118	116	109
Glauber	116	134	158
Berry	136	123	113
Benson	127	119	109
Zimmer	125	113	109
Totals	622	605	598

Second Contest.

Colorado Springs—	1st.	2nd.	3rd.
Dunman	154	178	139
Vincent	153	157	161
Duff	155	113	105
Harris	98	127	105
Johnson	150	143	140
Totals	710	178	650
Denver—	1st.	2nd.	3rd.
Kurth	145	126	119
Valentine	152	122	143
Betz	186	182	101
Benson	121	138	119
Glauber	141	113	136
Totals	745	681	618

Great Divide.

Fremont, Neb.—C. H. Green has been elected a director of the Nebraska State Horticultural Society.

PORTLAND, ORE.

The Market.

We have had no time to go salmon fishing in the Columbia river since reporting on the Christmas trade. January sales showed a most substantial increase over the same month a year ago. Portland has recently been honored with several large gatherings of noted men, the most important from the florists' standpoint being the stockmen's convention, for which some very elaborate decorations were made. Honors were evenly divided, as we were all given an opportunity to display our skill in the spacious banquet hall.

The excessive demand for funeral work is more than one ordinarily expects in midwinter and everything home grown, as well as daily shipments from California, is quickly disposed of. The California growers are shipping in consignments of ten-inch stem violets and carnations which retail at $1.50 and $2 per dozen.

We regret to say that we could not follow the custom of the eastern cities in observing McKinley day, although it was our intention to do so, but we simply could not get the necessary flowers.

A Visitor.

Gradually the traveling salesmen are reaching into the northwest. The latest arrival was John R. Fotheringham, representing F. R. Pierson Co., of Tarrytown-on-Hudson. This makes his third trip to the coast. It was noticeable that John was more sedate than while here a year ago, as nothing could induce him to take in a Scotch high ball or a variety show. He had to confess to a course lecture from Mrs. F. on his departure from home. H. J. M.

EAST STROUDSBURG, PA.—Oscar Stemple, formerly a florist, died February 8 and the death notices chronicle the fact that he requested that no flowers be used at his funeral.

COBLESKILL, N. Y.—The boiler shed at the greenhouses of Alfred Goldring was discovered to be on fire February 4. It was a stubborn fight, but the fire department extinguished the blaze with but little loss.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Good, reliable, single young man as assistant; greenhouse and bedding; steady position; state age, nationality, experience, and wages expected, with board and room. Address Alex. I. Anderson, Great Neck, L.I., N.Y.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. 59, care Florists' Review, Chicago.

FOR SALE—Oak Park greenhouses, lot 100x181, with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

PARTNER WANTED—A florist who has lived in the West Indies, discovered there a method of utilizing a natural fibre of those islands. A material beautiful, indestructible by exposure and peculiarly adapted to cemetery purposes. A party is needed with from one to two thousand dollars to put the product on the market, where it cannot fail to be successful. Party must be willing to live part of year in Jamaica. References exchanged. Address Mr. Henry Still, Standard Feed Box Co., 700 E. Monument Street, Baltimore, Md.

Carnation Society's Convention.

The Wabash Railroad offers superior traveling facilities to Florists, East, West, Northwest and Southwest, who will attend the Convention of the **American Carnation Society at Detroit, March 2 and 3.** Through sleeping cars, vestibule trains, unsurpassed dining car service.

The Chicago Delegation will travel via **The Wabash,** leaving Dearborn Station at 3 p. m., Tuesday, March 1. Those passing through Chicago to the Convention are invited to see that their tickets read via **The Wabash** from Chicago and should start from home in time to connect with this train.

RATE—Fare and one-third for the round trip from all points. Be sure to get a **CERTIFICATE** when buying your ticket.

F. A. PALMER,
A. G. P. A. Wabash Ry., CHICAGO.

Mention The Review when you write.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. 60, care Florists' Review, Chicago.

SITUATION WANTED — By a middle-aged single German; life experience in cut flowers, pot plants; good propagator and potter; state wages Address G. Kiefner, 72 West Madison St., Chicago.

WANTED—Good steady man with some greenhouse experience as assistant and to take charge of a horse; wages $25 per month, board and room. Address Jos. F. Klimmer, Desplaines Ave. and Harrison St., Oak Park, Ill.

WANTED—Second-hand sash bars; must be in good condition; equal number, each seven and ten feet in length, or can be cut to these lengths; state price and condition. Address C. H. Higbee Casey, Ill.

SITUATION WANTED—An eastern rose grower would like position as foreman or manager of western establishment of 100 000 feet or more, making a specialty of growing roses for cut flowers. Address No. 56, care Florists' Review, Chicago.

WANTED—Near Chicago, first-class carnation grower; state where last employed and how long; also salary expected. Address No. 58, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist; life experience in carnations and roses and general stock on a retail place. Address Percy Rogers, Foreman, St. Johnsbury, Vermont.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. 51, care Florists' Review, Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. 28, care Floriste' Review, Chicago.

WANTED—A good all round florist who can grow a general line of cut flowers and plants; German preferred; wages $35 per month, room and board. Address Wm. Kutschbach, Houston, Texas.

WANTED—Working foreman on place of 12,000 ft. of glass where there will be put up this summer 12 000 ft. more; roses, carnations, mums and a general line of stock is grown; must be reliable; state wages wanted without board. Address Sunnyside Greenhouses, Owosso, Mich.

WANTED—Competent man who thoroughly understands packing and shipping specimen nursery stock; first-class man can secure a permanent position. The Cottage Gardens Co., Queens, Long Island, N. Y.

WANTED—A good nursery foreman who is capable of handling men and understands transplanting thoroughly; first-class position for first-class man. The Cottage Gardens Co., Queens, Long Island, N. Y.

FOR SALE—Commercial place of 11,000 feet of glass near New York; planted in roses and soft stuff; 8 acres of land, dwelling, barn, horse, wagon, etc.; in a No. 1 running order; price $9 000; $4.000 cash; possession at once. Address No. 50, care Florists' Review, Chicago.

WANTED—Single man for general greenhouse work; must have some experience; references required; state wages expected with board. Address Estherville Greenhouses, Estherville, Iowa.

FOR SALE—An Alaska florists' refrigerator; glass sides and front; used five weeks; cheap for cash. Address John Kennedy, 2522 E. First St., Wichita, Kan.

WANTED—Florist, an all-round man to take charge; small retail place; wages $40.00 per month. Address R. Kaiser, 104 College Ave., Annapolis, Md.

FOR SALE OR RENT—Greenhouses, 6 000 feet of glass; hot water; 9-room dwelling. Oak Park, Ill. A. T. Hemingway, 180 La Salle St., Chicago.

FOR SALE—260 sash, 3 ft. x 4 ft. 6 in., in use only a short time; glazed and painted two coats; will crate and deliver f. o. b. cars about last of April. Address Lock Box 56, Chatham, New York.

FOR SALE—A fully equipped retail store, doing a good business in one of Chicago's best residence districts; small capital required. Address No. 43, care Florists' Review, Chicago.

FOR SALE — Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40 000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10 000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1 25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1 60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

Range of 4500 feet; erected in 1903, cypress throughout; modern ventilators; city water; hot water heat; well stocked for general retail trade; only greenhouse in city of 10,000 and doing good business. Best of reasons for selling. Address—

NEBRASKA,
care Florists' Review, Chicago.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO DATE man. Address **Lone Star,** No. 611 N. Washington ave., Dallas, Texas.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.: Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

J. A. Taylor, Wynnewood, I. T., has been elected president of the Oklahoma Horticultural Society.

The Ben Davis apple grown in Colorado takes on a particularly high color and is preferred in eastern markets on that account.

F. W. Mally, of Garrison, Tex., reports a good outlook in the nursery trade of the southwest. He has been at Houston recently.

Samuel Rogers, of Mt. Holly, N. J., will retire from active business, leaving the management of the nurseries in the hands of his son.

N. E. Hansen, of Brookings, S. D., has recently received four good sized shipments of hardy fruit trees from the north of Europe.

The nurserymen at Geneva, N. Y., report a light fall because of the short planting season, but have a good lot of orders on file and expect a big spring season.

E. Gill of West Berkeley, and the California Nursery Co., of Niles, were awarded the contracts to supply the towns of Oakland and Berkeley with American white elms for planting on the public streets.

GRAND RAPIDS.

The Market.

Extreme cold weather still prevails. The mercury hugs the zero point as if loath to leave it, unless to drop back into its snug retreat 10 below, where it can usually be found after nightfall. Once it crawled up above freezing to see what was going on and forgot the way back and such a thaw as we did have; water, water everywhere, not a dry spot to set your feet. Last week would have been quiet, but for the funerals of several prominent citizens, including Fred Macey, the mail order furniture man. The quantity of flowers used was enormous and cleaned out every florist in town.

Flowers, particularly roses, are very scarce. American Beauties are unobtainable, except shorts, and these move fairly well. Carnations are in good crop and equal to the demand. Callas and Harrisii are scarce. Except Paper Whites, that people don't care for, and Romans, there is practically no bulb stock to offer. Prices remain stiff.

Various Notes.

Henry Van Hartesveldt Bros. have gone into bankruptcy, with liabilities of over $3,000, and numerous florists among the creditors. They ran the Fifth Avenue Floral Co. greenhouses, which have been sold to the Wealthy Avenue Floral Co., which tore them down and will erect two new houses out of the glass and material obtained.

A groceryman, Porter by name, long envious of the get rich quick habit of the florists, has decided to make his fortune, purchasing two acres of land on Burton avenue near South Division street and intends to put up a $10,000 plant to grow cut flowers for the Chicago market.

The Grand Rapids Floral Co. has put in another eighty horse-power boiler to mate the one obtained in Chicago early in the spring.

Crabb & Hunter's boiler at the lake sprung a leak during the severest weather and caused some uneasiness, but was temporarily stopped by putting bran in the boiler. It worked its way down into the crack and stopped it entirely, so now it does not leak a drop and is hoped will hold out till spring. Anticipating possible trouble, a thrashing machine engine was hunted up, with the end in view of connecting it with the supply pipe in the boiler room while repairs were being made.

Hancock, of Grand Haven, was over during the week canvassing for rooted cuttings of carnations, particularly of the new kinds, of which he booked several nice orders.

It has been too cold to think much about the carnation convention, but it is safe to predict a good delegation, with hopes of the best meeting yet.

G. F. C.

OUR TREES etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of
Fruits and Ornamentals.
40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 50th year. 1000 acres.
THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

Surplus Shrubs CHEAP!
Also other trees and plants in assortment. Send for Wholesale List. SHREWSBURY NURSERIES, Eatontown, N. J.
Mention The Review when you write.

"Strawberry Plants That Grow." Standard sorts, $1 75 to $3 00 per 1000. Also best Raspberry, Blackberry, Currant and Grape Plants. Descriptive Catalogue with Cultural Instructions FREE. R. F. D. No. 10 C. E. WHITTEN, Bridgman, Mich.
Mention Review when you write.

1840 — 1904
Old Colony Nurseries
Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18-24 inch, $5 per 100.
Eleagnus Horteusis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa, 3-4 feet, $5 per 100.
TRADE LIST READY.
T. R. WATSON, Plymouth, Mass.
Mention The Review when you write.

4,000,000 Peach Trees
JUNE BUDS A SPECIALTY.
No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from diseases and true to name. Write us for catalogue and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest Peach Nursery in the world. Address —
J. C. HALE, -- WINCHESTER, TENN.
Mention The Review when you write.

Send to THE MOON Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

ROSES For Spring Blooming..
THE PROPER SORTS.
Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine field-grown plants that have never been forced; suitable for 5-inch pots, at 7c; larger, for 6-inch pots at 12c. Crimson Rambler, XXX, 20c.
Large flowered Clematis, finest purple, lavender, white and pink sorts, named, 2-year, at 18c; 1-year, at 9c. Clematis Paniculata, 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 5c. Hydrangea Pan. grand., fine bushy plants, 8c. Golden Glow, strong roots, 5c. California Privet, fine, 5c. Also other shrubs, etc., in cellar—ready for shipment. Packing free for cash.
W. H. SALTER, - Rochester, N. Y.
Mention The Review when you write.

CALIFORNIA PRIVET

		Per 1000
200,000	2 years, 2 to 2½ feet, very bushy	$20.00
150,000	2 " 18 to 24 ins., " "	16.00
100,000	2 " 12 to 18 " " "	10.00
200,000	1 year 12 to 18 " branched	9.00
200,000	1 " 10 to 12 " "	7.00
100,000	Cuttings, 8 ins., strong	.80
100,000	" 8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barrs; 50,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.
J. H. O'HAGAN, Little Silver, N. J.
Mention The Review when you write.

Peterson Nursery,
170 Le Salle St., CHICAGO.
PEONIES And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention The Review when you write.

Please keep it up at the present rate, for your paper always looks like a pleasant message when it comes through the mail.—C. G. Papsch, W. Moorestown, N. J.

Whatever Your Needs

IN SEASONABLE CUT FLOWERS

let us have your order. Large Supplies Fancy Carnations; Cuts of Choice Tea Roses increasing every day; all Bulb Stock; Valley, Cypripediums, etc. : : : : : : : : : : : : : : :

Inexhaustible Supply of "Green Goods"

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $3.50	.35
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $2.00	
Leucothoe sprays	.75

Subject to change without notice.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30 in. stem	4.00
" " 24-in. "	3.00
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100,	$6.00-8.00
	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	6.00 to 10.00
BRIDESMAID	6.00 to 10.00
GOLDEN GATE	6.00 to 10.00
PERLE	5.00 to 8.00
CARNATIONS	3.00 to 4.00
ROSES, OUR SELECTION	5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

ORCHIDS

A Specialty.

I can always supply limited quantities on short notice. With reasonable notice can supply large quantities.

CATTLEYAS, $6 to $7 doz.; LAELIAS, $2 to $3 doz.; CYPRIPEDIUMS, $2 to $3 doz. All other seasonable flowers at Current Chicago Market Prices.

CHAS. W. McKELLAR, 51 WABASH AVENUE, CHICAGO.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems, per 100,	$6 00 to 8 00
Bridesmaids	6 00 to 10 00

	Per 100
Bride	$6 00 to $10 00
Ivory	6 00 to 10 00
Liberty	5 00 to 15 00
Golden Gate	6 00 to 10 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

CATALOGUES RECEIVED.

J. A. Schindler & Co., New Orleans, seeds; Nanz & Neuner, Louisville, Ky., seeds and plants; W. Atlee Burpee & Co., Philadelphia, cultural leaflets; Theodosia B. Shepherd Co., Ventura, Cal., seeds and plants; Archias Seed Store, Sedalia, Mo., seeds; Edward Harris, Moorestown, N. J., stokesia; Conard & Jones Co., West Grove, Pa., roses and plants; Tennessee Wholesale Nurseries, Winchester, Tenn., peach trees; Mt. Desert Nurseries, Bar Harbor, Me., herbaceous plants, trees and shrubs; Bobbink & Atkins, Rutherford, N. J., plants and trees; Cottage Gardens, Queens, N. Y., carnations; Gould Mfg. Co., Seneca Falls, N. Y., spray pumps; J. Blaauw & Co., Boskoop, Holland, nursery stock; J. D. Imlay, Zanesville, O., seeds; W. W. Barnard & Co., Chicago, general seed catalogue, also wholesale price list; J. H. Dunlop, Toronto, rooted cuttings.

INDIANAPOLIS, IND.—Herman Schilling has leased the August Hoheisel greenhouses.

CARROLL, IA.—N. A. Neilsen protests at the practice of sending price lists to undertakers and drug store people soliciting orders for wholesale cut flowers.

Vegetable Forcing.

THE MARKETS.

Chicago, Feb. 17.—Radishes, doz., 20 to 40 cents; lettuce, leaf, 25 cents case; heads, $1 to $4.25 bbl.; cucumbers, 50 cents to $1.25 doz.

New York, Feb. 16.—Cucumbers, 25 cents to $1.25 doz.; lettuce, 20 to 50 cents doz.; mushrooms, 10 to 40 cents pound; radishes, $1.50 to $3 100 bunches; tomatoes, 10 to 20 cents pound; asparagus, $3 to $6 doz. bunches; rhubarb, 30 to 60 cents doz.

CAULIFLOWER.

Successional sowings and plantings may still be made in the greenhouse or, if the space is wanted for other things, plantings may be made in cold frames from this time on. Cauliflower likes a good rich soil and no kind of manure suits it better than that from the barnyard, only this should not be used in too fresh a state. Cauliflower is a deep rooter, so the soil in the frames should be well dug up and the manure thoroughly incorporated. As I recommended for lettuce in a former article, prepare the soil a few days previous and bare the sash to the sun in the day time and cover up at night to get the soil as warm as possible before planting; also have the plants gradually hardened off, so they will not receive a check.

For crops nearing maturity indoors a little nitrate of soda given at intervals of three or four days will be of great assistance to swell the heads. In large houses it may be most expedient to mix this in quantity, allowing about one ounce to two gallons of water, but where a small quantity only is wanted it may be more convenient to mix it as it is used, simply adding about a teaspoonful to a ten-quart can of water. The nitrate being easily soluble, all that is necessary is to stir the water a little when adding it and it will be almost immediately dissolved. It is better to apply this and kindred manures when the soil is not too dry or, if the soil is dry, give a watering of clear water first and apply the fertilizer after the water has drained off. The operator should be careful not to wet the foliage with the liquid or burning may result. W. S. Croydon.

PIPING VEGETABLE HOUSES.

We have two houses 25x85 feet, with no partition wall, and another house 21x75. They run north and south, one ten feet to ridge, and have four-foot side walls with side ventilators every four feet all around the outside. The two larger houses have solid beds, the smaller house raised benches. The boiler shed runs along the north end and a twenty-five horse-power boiler sits in a pit four feet deep. How shall we arrange the piping to get the condensed steam back to the boiler without a steam trap? The houses are used for lettuce and cucumbers and 50 degrees at night is required when it is below zero outside. A 2-inch flow and 1¼-inch returns are to be used. C. W.

The condensed steam may easily be returned to the boiler from each of the 25x85 houses by arranging the piping over the benches so as to bring the lowest point in the radiating system at least twenty inches above the water line in the boiler. The height of the water line will, I judge, be about five feet above the bottom of the ash pit, or one foot above the floor of the greenhouses. By placing the radiating pipes eighteen to twenty inches above the benches the condensation will return to the boiler on the gravity system. There should be a 2-inch riser running from the main supply pipe under the ridge to the south end of each house, where it should divide and return in 1¼-inch pipes over the benches. The house, 21x95 feet, can be heated by compact coils placed on the outside walls close to the gutters. If there is not room for more than three pipes between the top of the bench and the gutter, one coil can be placed in front of the other, say a three-pipe coil against the wall and a two-pipe coil in front. These can be arranged with valves so that either coil can be used independently, or so both can be used at the same time. By such an arrangement the condensation can be returned to the boiler without traps or vacuum pump. If the boiler is not already set and it is possible to make the boiler pit eighteen inches or two feet deeper it should be done by all means. L. C. C.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

New York.—C. P. Braslan and Mrs. Braslan, of San Jose, Cal., are at the Waldorf-Astoria.

T. J. Corbrey has bought a tract of five acres at Long Beach, Cal., and will engage in the business of growing flower seeds.

The mail order houses generally are hopeful that a break in the weather will make up the January and February shortages of orders.

Fifteen seed firms with from one to four representatives each made the canners' convention seem like a minority meeting of the American Seed Trade Association.

The Griffith & Turner Co., Baltimore, announce that the loss of their Light street store will not interfere with business, as their warehouse was outside the burned district.

The Missouri Valley Seed Co., St. Joseph, Mo., entertained the Platte County Purchase and the Buchanan County Horticultural Societies at lunch at its warehouse, February 6.

The developments of the week show an active demand for Valentine beans. The wax sorts are holding stiff at the quotations of last week and in some cases an advance of 50 cents to $1 per bushel has been obtained.

The weather thus far has been such as to give no idea of what the real demand is to be and many of the items in the seed lists that are thought to be more or less of a drug may be in quite brisk demand before the trade realizes actual conditions.

Canners claim that some Evergreen corn was offered at the convention as low as $5 per bushel, but it was not admitted that the offers were for stock of dependable quality.

The high prices for market onions and the recent sharp stiffening of the onion set market should aid in lifting the depression caused by an oversupply of onion seed, where this condition prevails.

The question of germinating quality continues to regulate the price of sweet corn. The inquiries for an article that will test up to 85 per cent are more abundant than offerings. Low prices are no inducement where there is any doubt about good vitality.

The following seed firms were represented at the canners' convention held the past week at Columbus, Ohio: Jerome B. Rice Seed Co., Everett B. Clark Co., S. D. Woodruff & Sons, Livingston Seed Co., Vaughan's Seed Store, Goodwin, Harries Co., John H. Allan Seed Co., D. M. Ferry & Co., Harry N. Holmes Seed Co., W. H. Grennel, L. J. Coryell Seed Co., L. L. May & Co., Leonard Seed Co., M. Cushman & Co. and the M. G. Madson Seed Co.

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

New Cucumber, Veitch's Unique

A seedling of Improved Telegraph crossed with British King, awarded Certificate of Merit, R. H. S. Fruit fully 18 inches long 2 inches broad, smooth and green; flesh solid, crisp of splendid quality. Per packet, 2s 6d.
Write for terms to American Trade.

JAS. VEITCH & SONS, Ltd. Chelsea England

Mention The Review when you write.

THE GOLD MEDAL NOVELTY
LILAC C. B. VAN NES.

Best red lilac for forcing. Very free blooming, forces early. Red out of doors, but in forcing color turns to a fine pink. We offer this to the trade with great confidence. Pot-grown plants, for forcing, well budded, $1 each. From open field, 2-year, budded, 3 to 5 shoots, 40c each.

J. BLAAUW & CO., BOSKOOP, HOLLAND.

Mention The Review when you write.

KOCHIA SCOPARIA COMPACTA.

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Pot-roots for shipment at once. Every section including the popular **Cactus Dahlias** at $1.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Terms cash with order. Catalogue 144 pp. free of charge.

HOBBIES LIMITED, Norfolk Nurseries, **Dereham, Eng.**

New Chrysanthemums

The best of the Novelties shown at New York this year are from my last year's set.

Another great set described in my special list just out. Sent post free. Write for it.

W. WELLS & CO.,
EARLSWOOD, - - SURREY, ENGLAND.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

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WHEN the agricultural appropriation bill came up for discussion in Congress February 5, Mr. Sheppard, of Texas, made a determined effort to stop the free seed distribution by striking out the sections providing for the expense. Representative Lind stated that of $270,000 expended in the congressional free seed farce, about $100,000 was used for expenses. The packages of seeds cost the government 20 cents each, instead of 5 cents, as was generally supposed. Mr. Sheppard succeeded in having the appropriation stricken from the bill; but the same provisions were immediately added to the bill as amendments. Only three representatives voted against the amendments, showing how eager all are to continue the graft.

VALUE OF SEEDS.

The Treasury Department has issued the followirg to customs officers, under date of February 9:

Referring to the Department's letter addressed to you under date of July 13, 1901, wherein, owing to the alleged inability of importers of nursery stock, such as seeds and bulbs, to inform themselves as to the foreign market value at time of shipment, and to the perishable nature of the goods and other exceptional circumstances attending such importations, you were authorized to supply importers with data relating to the different foreign market values of such merchandise, without, however, making any suggestions as to the value to be declared on entry, I will state that the Department is in receipt of information to the effect that there seems to be no good reason why importers should not be as familiar with the foreign market value of seeds, plants, and bulbs as importers are with the values of other goods.

It appears that frequently where merchandise of the character in question is raised under contract, the contract price is accepted as the foreign market value; that in a year when there is an abundant crop the contract price may represent the true foreign market value, but that should there be a partial failure in the crop the contract price may not represent such value.

In this connection, it further appears that it has been the practice at one or more ports to average invoice values in order to arrive at the foreign market values of goods of the above description, which practice is disapproved.

In view of the foregoing, it is hereby directed that the practice aforesaid be discontinued.

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Mignonette—New York Market.....pkt., 50c
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Radish—Carmine Forcing..... " 05c

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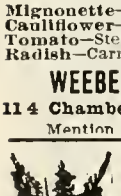

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Large Flowering BEGONIAS TUBEROUS ROOTED SELECTED BULBS

SINGLE	Per doz.	100	1000
Scarlet	35c	$2 50	$22 50
White	35c	2 50	22 50
Crimson	35c	2 50	22 50
Rose	35c	2 50	22.50
Yellow	35c	2.50	22.50
Mixed	30c	2.25	20.00

DOUBLE	Per doz.	100
Scarlet	60c	$4 50
White	60c	4.50
Crimson	60c	4 50
Rose	60c	4 50
Yellow	60c	4 50
Mixed	50c	4 00

GLOXINIA CRASSIFOLIA ERECTA—Giant Flowering, Carefully Selected Bulbs from a Specialist in Ghent

	Per doz.	100
Mixed, first size 1 in. and over	40c	$3.25
Mixed, large size, 1¼ to 1½ in.	50c	4 00
Mixed, extra large, 1½ to 2 in	65c	4 75
Scarlet Defiance, extra large	75c	5.00

	Per doz.	100
White, extra large, 1½ to 2 in	75c	5.00
Blue, " " 1½ to 2 in	75c	5.00
Spotted, " " 1½ to 2 in	75c	5.00

See Our Flower Seed Offer in Last Issue.

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Rochester, N. Y. H. E. WILSON."

Mr. Wilson does a florist business that requires 75 000 feet of glass. Send card for circular, showing large fields in bloom and read what commercial growers say. Seed for sale only by the originator,

C. A. OLMSTEAD, East Bloomfield, N. Y.

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In six superb double colors, 70c per oz.; 40c per ⅛ oz. Allegheny Hollyhocks, $1 per oz.; 60c per ⅛ oz. Ficifolia Double Hollyhocks. NEW, $1 per oz. Single Hollyhocks, 10 distinct colors, 60c per ⅛ oz. New Hydrangea Jeannie d'Arc white flowered and Red Branched, 4-in. pots, 40c each $3 per doz. Fine for florists. CASH PLEASE.

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Double, large flowered, fringed, " 50c and $1.00

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WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.
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CINCINNATI.

The Rose Show.

The annual rose show was held last Saturday in the club rooms of the society and, considering how scarce this flower is at the present time, it was a decided success. Among the exhibitors was W. K. Partridge, who made a grand show of roses, also many vases of the newest varieties of carnations, all extra well grown. George & Allan also staged some fine stock. Their roses, especially, were extra and reflect much credit upon this firm. They also showed various kinds of bulbous stock, all nicely forced. The E. G. Hill Co. sent some fine specimens of their roses, a vase of Liberty being the finest I have ever seen of this rose. It was truly magnificent and if their new crimson rose is still better, it will be a world beater.

R. Witterstaetter staged a vase of The Cardinal, better known, perhaps, as improved Estelle. It was in fine shape, and I would advise growers to have their eyes open for it at Detroit. Baur & Smith sent a vase of their Indianapolis. It arrived in good shape and showed up finely. J. W. Rodgers made the only exhibit of violets and showed some nicely grown Princess of Wales and California. I am sorry to report that a vase of La Detroit did not arrive until Sunday morning. It was on exhibition at E. G. Gillett's wholesale house and all who saw it seemed to be very favorably impressed. Some blooms of Crusader and Harlowarden from the Chicago Carnation Co. also arrived late but they were in fine shape.

Theo. Bock, of Hamilton, was the judge, and the awards were as follows: W. K. Partridge, first on Bridesmaid, Bride, Meteor, Golden Gate, Ivory and on best general display; second on Beauty and Liberty. George & Allan, second on Maid, Bride, Meteor and Perle. The E. G. Hill Co., first on Liberty, second on Ivory and third on Bride and Bridesmaid. Mr. Rodgers got the prize for violets.

A meeting of the society was held in the evening. Chas. Murphy was taken in as a new member. James Hartshorne was made an honorary member. Fred H. Lemon was present at the meeting and made an interesting talk concerning the new roses of The E. G. Hill Co.

The Market.

Business is now very good, with stock scarce. Roses and carnations are far below the demand, and first-class prices are ruling. Even bulbous stock is getting scarce and it is impossible to fill all orders. Valentine's day made the demand for violets very heavy and thousands of them were disposed of. Red carnations were also much in demand but there were but few of them. Lent will begin this week, but judging from past experience, I do not believe it will have any effect on business.

Visitors were: J. Lodder, of Hamilton; Fred Lemon, of Richmond; Adam Graham and wife, of Cleveland, and Theo. Bock, of Hamilton.

C. J. Ohmer.

Bethlehem, Pa.—John Hillenbrand was married February 10 to Miss Elizabeth Dux, at Utica, N. Y.

Philadelphia, Pa.—The firm of Benj. Dorrance, rose growers, of Dorranceton, Pa., offers a silver cup for competition at the March show of the American Rose Society at Philadelphia, on the same conditions as last year, namely, on cut blooms grown outside of a radius of 150 miles from Philadelphia. This cuts the Dorrance establishment out of the competition by half a mile.

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Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.
Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.
Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.
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Rooted Carnation Cuttings NOW READY

Enchantress	per 100,	$6.00;	per 1000,	$50.00
Lillian Pond	"	5.00	"	40.00
The Queen	"	5.00	"	40.00

These are extra strong, healthy cuttings, well rooted.
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WELL ROOTED
Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

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We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2 50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.
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Take my word for it and order FLAMINGO.
There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The Queen, an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.
S. S. SKIDELSKY,
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Wholesale Cut Flower Prices.

Philadelphia, Feb. 17.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	$ 2.50 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" No. 1	2.50 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Extras	$10.00 to $15.00
" " Specials	4.00 to 8.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Firsts	25.00 to 50.00
" Seconds	6.00 to 12.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Orchids, Cattleyas	50.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas $1.50 to $2.00 per doz.	
Daffodils	2.00 to 3.00
Daisies	.50 to .75
Freesia	3.00 to 5.00
Hyacinths, Roman	2.00 to 4.00
Lilac $1.00 to $2.00 per bunch	
Lillium Harrisii	10 00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	1.00 to 5.00
Narcissus, Paper White	2.00 to 4.00
Pansies	.75
Myosotis	.50 to 1.00
Gardenias per doz.	3.00 to 5.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	3.00
" double	4.00 to 5.00
Violets, ordinary double	.75 to 1.00
" " single	.40 to .50
" extra white	1.50

ROSLINDALE, MASS.—David Lumsden has taken a partnership with A. Leuthy, the veteran plant grower, and the firm will hereafter be known as A. Leuthy & Co.

VICTORIA, B. C.—The Hopkins Carnation Co. has been incorporated with a capital of $10,000 to acquire and conduct the business heretofore known as the Bedford Nurseries.

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

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GERMANTOWN, PHILADELPHIA.

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QUEENS, - L. I., N. Y.

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PLANTS AND ROOTED CUTTINGS.	ROSES Per 100 R. C.	ROSES Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle, Kaiserin, Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS — 2½-in., $4 per 100; 3-in., $8; 4-in., $12.50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

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	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 30.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 15.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, 25c a bunch.	
Callas	8.00 to 12.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia.....10c to 25c per bunch.	
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 6.00
Narcissus	1.00 to 2.00
Smilax	5.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.25 to .50
" Specials	.50 to .75

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Roses, Violets, Carnations, and all varieties of Cut Flowers.

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Buffalo, Feb. 17.

	Per 100
Beauties, Specials	$30.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Extra	8.00 to 12.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Liberty	4.00 to 12.00
Meteor	3.00 to 10.00
Mrs. Morgan	3.00 to 6.00
Perle	3.00 to 6.00
Sunrise	3.00 to 5.00
Ulrich Brunner	20.00 to 25.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cunestum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 10.00
Camellias	5.00 to 6.00
Daffodils	2.00 to 4.00
Freesia	2.00 to 4.00
Hyacinths, Roman	2.00 to 4.00
Lilac	10.00 to 15.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.40 to .60
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
Tulips, single and double	3.00 to 4.00
Violets, ordinary	.30 to .40
" extra	.50 to .75
Galax	.10 to .15
Common Ferns	.15 to .20

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Bronze or Green, 75c per 1000 in 2000 lots or more.

Leucothoe Sprays, Green, 90c per 100.

Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.

Green Sheet Moss, choice stock, $2.50 per barrel sack.

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No Middleman.

BRIDES and MAIDS A SPECIALTY.

Prices lower than elsewhere. Try me.

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Wholesale Cut Flower Prices.

Chicago, Feb. 17.

		Per doz.
Beauties, 36-inch stems		$5.00
" 30 "		4.00
" 24 "		3.00
" 20 "		2.00
" 15 "		1.50
" 12 "		1.25
" Shorts	per 100, $6.00 to	8.00
		Per 100
Bridesmaids, Specials	$8.00 to	12.00
" Firsts	5.00 to	7.00
Brides, Specials	8.00 to	12.00
" Firsts	5.00 to	7.00
Liberty, Specials		15.00
" Firsts	10.00 to	12.00
" Seconds	6.00 to	8.00
Golden Gate, Firsts	8.00 to	12.00
" Seconds	5.00 to	7.00
Meteor, Firsts	6.00 to	12.00
" Seconds	4.00 to	5.00
Mme. Chatenay, Firsts	10.00 to	15.00
" Seconds	6.00 to	8.00
Ivory, Firsts	6.00 to	12.00
" Seconds	4.00 to	5.00
Sunrise, Firsts		10.00
" Seconds	6.00 to	8.00
Perles, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Carnations, Fancy	3.00 to	5.00
" Common	1.50 to	2.00
Violets	.50 to	1.00
Paper Whites	2.00 to	3.00
Romans	2.00 to	3.00
Tulips	2.00 to	5.00
Freesia	2.00 to	4.00
Easter lilies, $2.00 to $2.50 per doz.		
Callas, $1.50 to $2.00 per doz.		
Valley	3.00 to	5.00
Adiantum cuneatum		1.00
Asparagus plumosus, Strings	25.00 to	50.00
" " Sprays	2.00 to	6.00
Asparagus Sprengeri, Sprays	3.00 to	6.00
Smilax, $2.00 per doz.		
Common ferns, per 1000, $3.00 to 3.50.		
Galax Leaves, $1.00 per 1000.		

Milwaukee, Feb. 17.

		Per 100
Beauties, Extra		$25.00
" " No. 1	18.00 to	20.00
" " Shorts	6.00 to	10.00
Bride and Bridesmaid, Specials		8.00
" " Extra		6.00
" " No. 1		5.00
" " No. 2		4.00
Golden Gate	4.00 to	8.00
Kaiserin	4.00 to	8.00
Liberty	4.00 to	6.00
Meteors	4.00 to	6.00
Perle	4.00 to	6.00
Carnations, Selects		2.00
" Fancies	3.00 to	4.00
Adiantum Cuneatum		1.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Callas		12.50
Daffodils		4.00
Daisies		.75
Freesia	2.00 to	3.00
Hyacinths, Roman	2.00 to	3.00
" Dutch	3.00 to	5.00
Lilac		8.00
Lilium Harrisii		18.00
Lily of Valley	3.00 to	4.00
Mignonette, ordinary		2.00
" fancy		3.00
Narcissus	2.00 to	3.00
Smilax	15.00 to	18.00
Sweet Peas		1.00
Tulips, single		3.00
" double	3.00 to	4.00
Violets, ordinary		.50
" extra		.75
Galax		.20
Common Ferns		.25

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Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

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Wholesale Growers and Shippers of CUT FLOWERS

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Special attention given to Hardy Cut FERNS.

55-57 Wabash Avenue, CHICAGO, ILL.

Telephone Central 3284.

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Wholesale Growers of.. Cut Flowers

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Lily of the Valley

of good quality always on hand.

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134 to 144 Herndon St., CHICAGO.

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All CUT FLOWERS in season.
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Wholesale Cut Flower Prices.

Cincinnati, Feb. 17.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Common	2.00
" Selects	2.50 to 3.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	3.00 to 4.00
Hyacinths, Roman	2.00 to 4.00
" Dutch	4.00 to 5.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	1.00 to 2.00
Tulips	3.00 to 4.00
Violets	.35 to 1.25

Pittsburg, Feb. 17.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	25.00 to 35.00
" No. 1	15.00 to 20.00
" Shorts	3.00 to 10.00
Brides and Maids, Specials	12.00 to 15.00
" " " Extra	8.00 to 10.00
" " " No. 1	5.00 to 6.00
" " " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	4.00 to 12.00
Liberty	10.00 to 25.00
Meteor	6.00 to 12.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 5.00
" Novelties	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	8.00 to 12.00
Daffodils	2.00 to 4.00
Daisies	2.00 to 3.00
Freesia	1.50 to 3.00
Hyacinths, Roman	1.00 to 3.00
" Dutch	5.00 to 6.00
Lilac per doz.,	1.00 to 1.50
Lilium Harrisii	12.00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 6.00
Narcissus	2.00 to 3.00
Pansies	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
Tulips	2.00 to 4.00
Violets	.50 to 1.25

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Seedsmen and Wholesale Florists.

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Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Feb. 17.

	Per doz
Beauties, Specials	$9.00 to $10.00
" Extra	6.00 to 8.00
" No. 1	3.00 to 4.00
" Shorts	1.00 to 2.00
	Per 100
Brides and Maids, Specials	8.00 to 12.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	8.00 to 10.00
Golden Gate	8.00 to 10.00
Liberty	5.00 to 8.00
Meteor	5.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Common	2.50 to 3.00
" Selects	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	10.00 to 15.00
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	1.50 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 5.00
Narcissus	2.00 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	.60 to 1.00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets, Extra	.75 to 1.00
Galax	.15
Common Fern	.25

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by WILLIAM SCOTT

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A Complete Reference Book for Commercial Florists

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF.... SELECT VALLEY and AMERICAN BEAUTIES

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE.
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602 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
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Tel. 192 Riverside,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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119 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

BULBS.

Referring to recent references in the REVIEW to bulbs for early forcing, E. Leedham, of the Leedham Bulb Co., Santa Cruz, Cal., says that early ripening of the bulbs greatly facilitates early forcing. Though he does no forcing in the sense the word is used in the east, he gets earlier and a better quality of blooms by planting under cover. It has been an advantage to him to afterward ripen up the bulbs as soon as possible and he soon noted that those bulbs which had been ripened early bloomed earlier the following season. He now has bulbs of daffodils that have been ripened early for several years in succession and these bloom very much earlier than others. This is especially noticeable in Golden Spur, Ard Righ, single Von Sion and Trumpet Major, though the latter is full of old maid freakishness. Even Princeps and others show the tendency to earlier blooming when the bulbs are ripened early.

To ripen the bulbs early in Santa Cruz they must be protected from the late spring rains. Though he has so far used all the increase in his bulbs for planting for cut flowers, he believes the bulbs can be produced here as economically as abroad and of better quality. He says also that early ripened California grown daffodil bulbs of the early varieties could be delivered in the east via Panama in early August.

PLANT NOTES.

Rose Pruning.

This little note is not intended to give any ideas regarding the pruning of forcing roses that are grown under glass, but merely a few suggestions as to the trimming of bushes that are grown either as ornamental shrubs or climbers for the garden or kept for commercial purposes, whether as stock plants or for flowering purposes. The best time for rose pruning depends to a great extent on the weather, but is usually during the months of January and February. They should be as near dormant as it is possible to have them and when the roses have been watered considerably, late in the season or when we have plenty of early rains and very little cold weather, the plants continue to bloom and grow far into the winter. In such seasons the best time for trimming the plants will probably be about the first to the middle of February.

"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"
("THAT'S ALL")

This stock can be had only direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.
EVERGREEN, ALABAMA.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS.

	Per 100	1000
Enchantress, lt. pink	$5.00	$45.00
Wolcott, white	3.50	22.00
2000 and over		22 00
Lawson, pink	1.50	12.00
2000 and over		11.00
Prosperity, var.	$2 00	$18.00
Lillian Pond, white.	3 00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00

WE NEED ROOM.

	Per 100	1000
Joost, pink	$1.50	$12.00
Higinbo'am, lt. pink	1.50	12.50
Harlowar'en, scarlet	3.00	
Lorna, white	2.50	20.00

Prices in 2½-inch stock on application.

Booking orders for 2½-inch roses and mums, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.
Mention Review when you write.

American Beauty ROOTED CUTTINGS.

This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.

J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.
Mention The Review when you write.

CARNATIONS
50,000 ROOTED CUTTINGS
The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.
Mention The Review when you write.

CARNATIONS
Sand-Rooted Cuttings

	100	1000		100	1000
White Cloud	$1.50	$12.50	Lawson	$2.25	$20.00
Queen Louise	1.75	15.00	Crane	2.25	20.00
Prosperity	2.25	20.00	Joost	1.50	15.00
Bradt	2.25	20.00	Enchantress	6.00	50.00

250 (at 1,000 rate). Cuttings sent C.O.D. or cash with order. Marie Louise Violet Cuttings, sand rooted, after April 1st, $10.00 per 1000.

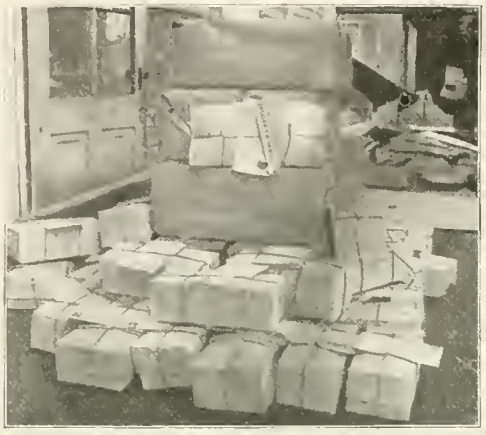
A. LAUB & SON, HUGHSONVILLE, NEW YORK.

Hybrid perpetuals and hybrid teas will stand much more cutting than the tea roses. In fact, I have found that many of our finest teas do not respond readily when the shears are applied vigorously and unless I need the wood for propagating purposes I trim very sparingly, and then only the small side shoots and such stems as are necessary to leave a shapely plant. Such sorts as Niphetos, Bride, Bridesmaid, Catherine Mermet, Papa Gontier, Rainbow and Marie Van Houtte, certainly our most valuable garden roses, I find belong to the class that will not stand any slashing with the knife. With hybrid perpetual roses such care need not be taken, and my rule is to cut out all lateral shoots and leave only three or four good stiff stems, as these will be ample to handle all the flowering stems that the roots can supply. The best varieties among the hybrids to grow for market are General Jacqueminot, Paul Neyron, Ulrich Brunner, Gloire Lyonnaise and Mrs. John Laing.

This is not a very extensive list, but these are the most satisfactory kinds to handle and there is no difficulty in selling the blooms, which, in the springtime and again in the fall, bring as good a price, when well grown, as do the indoor roses at the same time. There is a big market in the cheaper class of stores for the poorer flowers all the year.

Roses, especially the hybrids, grow most luxuriantly when planted in heavy

500,000 Unrooted Carnation Cuttings!



A DAY'S PACKING OF 41 ORDERS.

	Per 100	Per 1000	Per 5000
WHITE.			
Queen Louise	$0.55	$ 5.00	$23.00
Norway	.55	5.00	23.00
PINK.			
Argyle	.55	5.00	23.00
Mermaid	.55	5.00	23.00
Marquis	.55	5.00	23.00
Lawson	1.00	8.00	35.00
Cressbrook	.75	6.00	25.00
Success	1.00	8.00	35.00
CRIMSON.			
Harlowarden	1.50	12.50	50.00
Gen. Gomez	.55	5 00	23.00
YELLOW.			
Golden Beauty	.75	6.00	25.00
Eldorado	.55	5.00	23.00
Gold Nugget	.60	5.25	25.00
VARIEGATED.			
Violania, 4-inch bloom, fine	6.00	50.00	.....
Marshall Field	1.50	12.50	60.00
Stella	1.50	12.50	60.00
Mrs. Bradt	1.00	7.50	35.00
Armszindy	.55	5.00	23.00
SCARLET.			
America	.55	5.00	23.00
Mrs. Potter Palmer	.55	5.00	23 00
Apollo	.55	5.00	23.00

Cash or C. O. D. with privilege of examining.

Express prepaid at above prices.

FOR ROOTED CARNATION CUTTINGS SEE LATE ISSUES OF THIS PAPER.

California Carnation Co.

Lock Box 103. LOOMIS, CAL.

Mention the Review when you write.

black soil that is not allowed to get hard in the summer time. In sandy soil roses are generally not very long-lived and unless the ground is kept constantly enriched the blossoms are not up to form or color. None of the climbing roses is of much value commercially for cut flowers and all of them will stand considerable pruning. Leave the strong, straight canes and trim out the short, crooked wood.

Roses are very rank feeders and unless the soil is heavy and rich it is hard to make them do well except for a few weeks in the spring. The lifetime of a rose depends on many conditions, but I have found that they generally outlive their commercial usefulness in about four years, although I have a La Marque that has been growing on my grounds for over thirty years and from which I cut thousands of blossoms yearly. G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	3.40	30 00
Gov. Wolcott	3 40	30.00
Norway	1 20	10 00
Lillian Pond	5 00	45.00
Chicot	1 20	11.00
Viola Allen	3.00	25 00
Pink		
Mrs. Thomas Lawson	1.40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	4 00	35.00
Pres. McKinley	5.00	45 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9 00

Scarlet	100	1000
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	5.00	45.00
Stella	3 00	25.00
Armazindy	1.00	9.00
Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., LOOMIS, CAL.

SAN FRANCISCO.

The Market.

The rain for which we have been looking finally arrived and this portion of California received a good drenching. This will keep violets in good shape and make daffodils and other bulbous stuff appear in larger quantities than for some time. The wild maidenhair has been very scarce this season and many of the florists rely to a great extent on it at this time of the year, to say nothing of the street venders, who are the largest consumers. Carnations are still well up in price and not very plentiful. Some of the fancy varieties are selling at 75 cents per dozen and other sorts at 60 cents. All the good solid colors, such as Lawson, Estelle and Hill, bring about 50 cents per dozen. The best stock in the market at the present time is Bridesmaid roses. I have never seen them larger or in better shape and color. The flowers themselves are bigger than many bunches of Beauties exhibited in the store windows beside them. Some good Brides are seen and sell at 75 cents to $1 per dozen. Valley is plentiful and so are tulips and daffodils. Narcissi are on the wane, only some of the yellow varieties still to be seen. Violets are plentiful and sell wholesale at 75 cents to $1 per dozen bunches. Many beautiful specimen azaleas are shown in the windows of the larger stores and in the smaller windows potted cyclamen, tulip and valley make showy exhibits.

Various Items.

One of the most elaborate decorations of the season was that at the supper given by Mrs. Geo. A. Kohn in the maple hall of the Palace hotel this week. Miss Montpellier, for many years with the Misses Moon, but now in business for herself, had the work in charge.

The coming spring show of the California State Floral Society is going to be a banner exhibition judging by the enthusiasm of the directors. It is to be held March 24 to 26, in the nave of the ferry building. G.

Hardy Pompon Chrysanthemums

Our Exhibit of Hardy Pompon Chrysanthemums at New York Show, Nov., 1903, was the finest ever shown in this country.

WE OFFER FINE PLANTS OF THE FOLLOWING VARIETIES.

HARDY POMPON CHRYSANTHEMUMS.

ANEMONE TYPE.

$3.00 per 100.

AUNT JANE—Large; yellow.
DAN PATCH—Orange-red.
ELEANO—Pure yellow.
JOSHUA—Pale primrose.
JULIET—Orange-scarlet.
KING DODO—Orange, scarlet edge.
LOVELY—Light rose.
MAJOR DELMAR—White.
MIZPAH—Orange-pink.
MIRAFLORES—Red-bronze.
PRIMA DONNA—Lilac.

SINGLE TYPE.

$3.00 per 100.

AQUILLEA—Quilled; white.
ETHEL MAY—Red.
INGOMAR—Orange-red.
LAZARRE—Pale primrose.
LOU DILLON—Rich pink.
MINGO—Lemon-yellow.
OCQUEOC—Snow-white.
OTHELLO—Bronze-orange.
ROMEO—Salmon-pink.
TOM—Rose-pink.
WALLIS—Pure yellow.
WHITE SWAN—Large; white.

LARGE FLOWERING or ASTER VARIETIES

$3.00 per 100. $25.00 per 1000.

ABILENE—Lilac.
ALLEGHENY—Golden bronze.
ALEWIVE—Deep lilac; quilled.
CERES—Orange-red.
CLIMAX—Deep rose-pink.
CHAONI—White, pink edge.
CHIEFTAIN—Primrose-pink, curled petals.
COCCINEA—Ivory-white.
CRISIS—White, pink cast.
CHALLENGE—Rich shell-pink.
DAYBREAK—Daybreak pink.
DAMASCUS—Violet-pink.
DANDY—Crushed strawberry.
DONKELARII—Fine; golden yellow.
ELIZA—Red-lilac.
EVELYN—Rich lilac.
FRED C.—Red-orange.
GEORGIANA—Orange-scarlet.
GRANDEUR—Golden bronze, shaded old gold.
GLOBE D'OR—Dwarf, clear yellow.
GOLDEN FLEECE—Bright lemon-yellow.
GRACE DUFF—Viviand-Morel pink.
GOLIATH—Deep rose, light center.
HARRY F.—Bronze-scarlet.
JUNO—Primrose-pink.
JULIA LAGRAVERE—Crimson-maroon.
LAURIER—Laurier pink.
LYNDHURST—Rich maroon.
MAID OF HONOR—Deep rose.
MRS. VINCENT—Violet-rose.
MT. BLANC—Fine; sulphur-white.
MELVIN—Rose-bronze.
NAVAJO—Light bronze, shaded darker.
OPALUS—Fine pink.
PARAGON—Pure yellow.
PREMIER—Velvety crimson and gold.
PATTERSON—Old gold, dark shading.
PRINCE OF WALES—Very fine; white.
PRINCE CHARMING—Violet-red.
PRES. HERRINGTON—Light rose-pink.
PEERLESS—Light primrose.
QUEEN OF BUL—Violet-rose.
QUEEN OF THE WHITES—Creamy white; fine.
RAVENNAE—Deep rose; broad petals.
REMINGTON—Sulphur-white.
RICHARD FRANKLYN — Rose-carmine, tipped white.
ST. ILLORIA—Fine; silver-pink.
SOEUR MELANIE—Dwarf; pure white.
SHERIDAN—Rose-pink.
TISRI—Deep pink.
THE CZAR—Golden bronze, yellow edge.

Small Flowered or Button Varieties.

$2.00 per 100. $18.00 per 1000.

AGALIA—Light pink, shaded orange.
ANNA MARY—Creamy white, tipped pink.
ANNE ARUNDEL—Orange, tipped scarlet.
BRIDESMAID—Light pink, darker edge.
BLUSHING BRIDE—Early; light pink.
BALLONI—Orange-yellow.
CLIMAX—Deep rose-pink.
CAPTIVATION—Rose-pink, yellow shading.
CATHERINE—Orange red fringed.
CAROLYNE H.—Orange-red.
DRIN DRIN—Smallest; bright yellow.
DRUID HILL—Mahogany-crimson.
ELEGANTA—Deep pink, edged white.
EAGLE D'OR—Orange-yellow.
ELDORADO—Lemon-yellow.
EDNA—Clear glowing pink.
FAIRY QUEEN—Yellow, pink edge, light center.
FRED PEELE—Light lilac; spicy scented foliage.
FASHION—Maize-yellow.
GOLDEN PHEASANT—Orange-yellow.
GOLD STANDARD—Rich golden yellow.
GOLDFINCH—Golden yellow, shaded crimson.
GRAUSTARCK—Straw, pink edge.
IVANHOE—Beautiful light pink.
JACK—Violet-rose.
JOHN DOE—Shrimp-pink.
LABANAH—Pale primrose.
LA FAVORITE—Rose-pink, reflex white.
LITTLE PET—Rich violet-red.
LADYSMITH—Lilac, tinted salmon.
MR. KANAUF—Violet-pink.
NAOMI—Soft rose.
NELLIE RAINSFORD—Dwarf, bronze pink.
NELLIE BLY—Light lilac-pink.
PINK BEAUTY—Shell-pink.
PRESIDENT—Rich violet-red.
PRINCESS LOUISE—Yellow and tawny red.
PSYCHE—Pale pink and white.
REGULUS—Copper-bronze and red.
ROSINANTE—Dwarf; blush, sulphur shading.
RHODA—White, pink shading.
ROSSETA—Pink-bronze.
ROSY SUN—Orange-scarlet.
SNOWFLAKE—Pure white.
STAR OF BETHLEHEM—Yellow, twisted petals.
THALIA—Small, white.
TITUS—Terra-cotta.
THOS. LONG—Light pink, tipped white.
UNCLE GEORGE—Chrome-yellow.
VENUS—Daybreak-pink.
YELLOW QUEEN—Yellow, shaded crimson-maroon.

We have over 300 varieties not listed

For $20.00 we will select 1000 to include 50 varieties, a good selection of all types or for $25.00 we will send 1000 in 200 varieties, our selection.. Our booklet on the Hardy Pompon Chrysanthemum, giving cultural directions and the best varieties for their several different uses can be had for the asking.

NOTE OUR REGULAR ADVERTISEMENTS IN THE REVIEW.

Richard Vincent, Jr. & Son, Growers of Vegetable and Greenhouse Plants for the Trade, White Marsh, Md.

The Two Best Commercial White Carnations

Lady Bountiful

THE BEST OF ALL WHITE CARNATIONS.

It is clean and healthy. It has a strong, robust growth, but produces no surplus grass. It is early flowering and the best producer throughout the entire season. Its keeping and shipping qualities are far superior to any other white carnation.

If you grow Lady Bountiful you have a white carnation where every flower is a flower with a stiff wiry stem a perfect calyx and no spits. It does well in either a medium or heavy soil. You cannot miss it by placing your order now before all the early stock is sold. We have, up to date, booked more orders for Lady Bountiful than the whole season's sales of any new carnation we have yet introduced.

IT IS A WINNER

The Belle

Is an excellent companion to Lady Bountiful, with equally good points to make it a favorite paying variety with all growers. Our large stock and easy propagation still enables us to offer February and March delivery.

Price for well rooted cuttings, **$12** per 100; **$100** per 1000.

We also have all of the best of the 1903 novelties and the leading standard varieties. Send for price list.

F. DORNER & SONS CO., -- LaFayette, Ind.

Mention The Review when you write.

CARNATIONS. Rooted Cuttings ready for immediate shipment.

JUDGE HINSDALE—(Ward)—Color white, heavily laced and edged with bright pink; very large, full, well-formed bloom 3-in. and over in diameter, on an exceptionally strong stem 24 in. and upwards in length; flower very full, highly built, calyx large, long, exceptionally strong and does not burst; fragrant, splendid keeper and first-class shipper. A great favorite upon the New York market, where it brings the highest prices. **Price $12 per 100; $100 per 1000.**

THE PRESIDENT—(Ward)—One of the brightest colored, the largest flowered, the best formed and the longest stemmed among crimson carnations. Enormous bloom 3-in. and upwards in diameter upon perfectly stiff stems 24 in. and upwards long. The most striking crimson carnation we have ever grown. **Price $12 per 100; $100 per 1000.**

ETHEL WARD — (Ward) — Medium-large well formed bloom, full, with high built center; color, bright clear rose pink, which stands well in the sun; exceptionally strong clove fragrance; long, strong calyx which does not burst; very early; exceptionally free, producing an abundance of flowers throughout the season. **Price $12 per 100.**

MACKINAC—(Ward)—A white carnation which has produced more blooms during the early part of the season than any other white carnation we have ever grown; stem is long, wiry; flower fine shape; long, strong calyx; flower full and very fragrant. This we would term distinctively a "bread and butter" carnation. **Price $10 per 100; $75 per 1000.**

CHRISTMAS EVE—(Ward)—Medium size, full, brilliant scarlet bloom produced in enormous quantity; habit the same as Maceo but erect; fully as free a bloomer as that celebrated sort; exceptionally valuable for the holidays as it produces an enormous quantity of blooms at that period. **Price $10 per 100.**

5 PER CENT OFF FOR CASH WITH THE ORDER.

CATALOGUE MAILED UPON APPLICATION.

THE COTTAGE GARDENS, Queens, N. Y.

Mention The Review when you write.

CARNATIONS REGISTERED.

Swan Peterson, Gibson City, Ill., registers Gibson Beauty, color a magnificent shade of light pink, absolutely the best color ever seen in a carnation and entirely different from anything ever originated; considered to be far superior to Enchantress; size three and one-half inches and over; form perfect and ideal for high grade fancy blooms; stem twenty-four to thirty inches and over, stiff and wiry; calyx perfect and never bursts; fragrance a rich, spicy clove; substance of the very best, an excellent feature being its keeping and shipping qualities; habit ideal, produces no surplus grass and is a strong and vigorous grower, every shoot producing a high grade bloom; blooming qualities early, free and continuous, needing no special treatment to develop its magnificent blooms.

Class L of the premium list should read: By J. A. Valentine, of the Park Floral Co., Denver, Colo., $25 in cash for the best twelve blooms of an undisseminated seedling shown by the originator and all varieties that are shown in classes requiring more than twelve blooms are excluded. The premium list as published reads $25 for the best blooms instead of best twelve blooms, it being the intention of the donor of this premium to bring out some of the good things in their second year, instead of waiting for the third year to see them.

A. M. Herr, Sec'y.

We cannot afford to do without the Review.—G. M. Thost, De Soto, Mo.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz; $10 00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7 00	per 100.	$60.00	per 1000	Lawson	$2.50	per 100.	$20.00	per 1000
Enchantress	6 00	"	.....		Queen Louise	2 50	"	20.00	"
McKinley	4.00	"	30.00	"	Mrs. Bradt	2 50	"	20 00	"
Estelle	4 00	"	30.00	"	Flora Hill	2.00	"	15.00	"
Nelson	3 50	"	30.00	"	Mrs. F. Joost	1 50	"	12 50	"

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., Philadelphia, Pa.

Mention The Review when you write.

SPECIAL OFFER

Carnation Cuttings

Ready for Shipment

Our Cuttings are perfection. They can't be beat. Having a surplus of these varieties will make special prices for fifteen days. Strong rooted, free from disease.

	100	1000
Pink.		
Lawson	$1 50	$12 00
Dorothy	1.50	
Joost	1 25	10 00
Marquis	1.25	10.00
White.		
Innocence	1.50	
Glacier	1.50	12 50
White.		
W. Cloud	$1.25	$10.00
Flora Hill	1,25	10.00
Scarlet.		
Crane	1.50	14.00
Variegated.		
Prosperity	1.50	12 00

Geraniums—Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double frioged. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention the Review when you write.

CARNATION ROOTED CUTTINGS

	Per 100	1000
White.		
Lady Bountiful	$12 00	$100 00
The Belle	12 00	100 00
White Bradt	6 00	50 00
Boston Market	4 00	35.00
Gov. Wolcott	3.00	25.00
Innocence	2 50	20.00
Glacier	2 00	17 50
Norway	2 00	17.50
Lorna	2.00	17 50
White Cloud	1.50	12.50
Variegated.		
Mrs. Patten	12 00	100 00
Mrs. Bradt	3.00	25 00
Prosperity	2 50	20.00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Harry Fenn	5.00	45 00
Gov. Roosevelt	2.50	20.00
Gomez	1 50	12.50
Maceo	1.50	12.50
Pink.		
Nelson Fisher	$12 00	$100 00
Pres. McKinley	3 50	30.00
Floriana	2 50	20 00
Lawson	2.50	20.00
Marquis	2 50	20 00
Dorothy	2.00	17.50
Joost	2 00	17.50
Nelson	2 00	17.50
Triumph	1.50	12.50
Light Pink.		
Enchantress	6 00	50.00
Fair Maid	3 00	25.00
Elma	3.00	25 00
Morning Glory	2 00	17.50
Success	1 50	12 50
Red.		
Flamingo	12 00	100 00
Adonis	7.00	65 00
Manley	4 00	35 00
Estelle	3.00	25 00
Crane	2 50	20.00

GERANIUM CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulio. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100,	$2.50	Per 1000,	$20.00
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS,

58-60 Wabash Ave, CHICAGO.

Mention the Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100		Per 100
Flora Hill	$1.50	Lawson	$2.00
White Cloud	1.50	Maceo	1.50
Peru	1.50	Morning Glory	2.00
Marquis	1.50	America	1.50

Ready Now.

GESLER & DRURY, - Galesburg, Ill.

Mention the Review when you write.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
Goodenough	2.00
White Cloud	1.50
Flora Hill	1.50
Red.	
Adonis	6.00
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Enchantress	$6.00
Success	4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES.

Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

NEW LIGHT PINK CARNATION

NEW DAYBREAK

To the commercial grower who is looking for profit

this variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000

Other new and standard varieties.

Chrysanthemums. The best new American and foreign varieties and best standard sorts

Write for price list.

H. WEBER & SONS, Oakland, Md.

Mention Review when you write.

Grafted Rose Plants.

We are grafting 100,000. Ready April 1st. **LIBERTY,** 2½-inch, $15.00 per 100; **BRIDES,** 2½-inch, $12.00 per 100. **BRIDESMAIDS,** 2½-inch, $12.00 per 100. **Spacial rates by the thonsand.**

CHATENAY Rose Plants, 2½-inch, $6.00 per 100; $50.00 per 1000. Ready March 1st. **ROSES—ROOTED CUTTINGS,** Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100. **ROOTED CARNATION CUTTINGS**—All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

RICHMOND, IND.

Club Meeting.

The Richmond Florists' Club held its January meeting at the greenhouses of its president, George R. Gause. After routine business Fred H. Lemon read an excellent paper, discussing the drawbacks to successful carnation growing, together with experiments with different fertilizers and the results obtained therefrom. The paper and the discussion which followed, participated in by all the members of the club, proved both interesting and instructive and could not help but be of material benefit to all. Mr. Lemon appointed L. H. Schepman to prepare a paper for the February meeting and as each one is allowed to select his own subject, a large variety of topics will no doubt be the result.

Various Notes.

John A. Evans, not to be behind the rest of the boys, has come to the front with another fine son. All well.

The February meeting of the club will be held at the Grave greenhouses west of the city.

At the close of the meeting at Gause's, several waiters appeared with hot coffee, sandwiches and fruit, and the way it disappeared showed that the members of the club had their appetites with them.

H. C. C.

KANSAS CITY.

Florists have been very busy and stock the scarcest that I have ever seeu it. Everybody had funeral work the early part of the week. Bride and Golden Gate roses were not to be had at any price and everybody was looking for them. Maid and Sunrise are our only stock in roses. Beauties are off crop here. Carnations are as scarce as they were after the holidays. Lilies, tulips and other bulbous stock is coming in more plentifully and is a great help.

Every florist in town reports the biggest Valentine business ever known in red carnations and violets, and stock was not near enough to go around.

Arnold Ringier, of Barnard's, was in town and seemed to be doing a big business with everybody.

L. M. S.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903 scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit, Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1.50 "	12.50 "
Lorna	2.00 "	18.00 "
Viola Allen	3.00 "	25.00 "
Floriana	2.00 "	18.00 "
Queen Louise	2.00 "	18.00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2.00 "	18.00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

CARNATION CUTTINGS

	100	1000
Enchantress	$6 00	$50 00
Gov. Wolcott	4 00	35 00
Nelson	3 00	25 00
Estelle	3 00	25 00
Crane	2 50	20 00
Lawson	2 50	20 00
Glacier	2 00	20 00
Marquis	2 00	17 50
Gov. Roosevelt	2 50	20 00
Joost	2 00	15 00
Lorna	2 00	15 00
Queen Louise	2 00	17 50
Triumph	1 50	12 50

Rooted Chrysanthemum Cuttings in season.

BELL MILLER, Springfield, Ill.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready now,

$10.00 per 100; **$75.00** per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of
SLINN & HUGHES, Coogan Bldg., New York City.

ROSE PLANTS.

STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
SUNRISE	5 00	40 00
KAISERIN	4 00	35 00
LIBERTY	$6 00	$50 00
MAID	3 00	25 00
BRIDE	3 00	25 00
PERLE	$3 00	$25 00
GOLDEN GATE	3 00	25 00
IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
VARIEGATED.		
MRS. BRADT	2 00	15 00
PROSPERITY	2 00	15 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

CRUSADER

The Best Commercial Carnation of any color ever introduced or in sight.

Everybody who knows CRUSADER will grow it. It is a fine, high built, fringed flower; average size three inches; long, strong stem, free and continuous bloomer; no disease. Every cutting guaranteed. **$10.00** per hundred; **$80.00** per thousand.

WE CAN FURNISH ALL OTHER LEADING VARIETIES

DISCOUNTS GIVEN ON LARGE QUANTITIES.

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. **JOLIET, ILL.**

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1 50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12.50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50.00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25 00
Lillian Pond	5 00	45.00	Harry Fenn	5.00	40 00
Prosperity	2 50	20.00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cressbrook	2 50	20 00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Always mention the Florists' Review when writing advertisers.

Rooted Carnation Cuttings.

SPECIAL LOW PRICES FOR TEN DAYS.

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$10.00	$40.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKioley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.25	10.00	40 00
RED.			
G. H. Crane	2.00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18 00	80.00
Mrs. Palmer	2.00	18.00	80.00

WHITE.	100	1000	5000
Flora Hill	$1.25	$10.00	$10.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Gov. Wolcott	3.50	27.00	125.00
LIGHT PINK.			
Enchantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100;	$12.50 per 1000	
Maid	1.50 "	12.50 "	
Golden Gate	$1.50 per 100;	$12.50 per 1000	
Ivory	1.50 "	12.50 "	

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

DECORATIVE PLANTS

PALMS

ARECA LUTESCENS.

	Plants in pot.	In. high.	Per doz.	100
3-in. pots,	2	12 to 15	$1.25	$10.00
4-in. "	3	15 to 18	3.00	20.00
5-in. "	3	18 to 24	5.00	40.00
6-in. "	3	28 to 30	1.00 each.	
7-in. "	3	30 to 36	1.50 "	
8-in. "	3	36 to 42	2.50 "	
10-in. "	3	48 to 54	10.00 "	

COCOS WEDDELIANA.

A grand lot of 3-inch pots, 10 to 12 inches high, $2.00 per dozen, $15.00 per 100, $140.00 per 1000.

LATANIA BORBONICA.

	Leaves.	In. high.	Per doz.	100
3 in. pots,	5 to 6	12 to 15	$1.00	$8.00
4-in. "	5 to 6	15	2.50	20.00
6-in. "	5 to 6	18 to 20	6.00	50.00

KENTIA BELMOREANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00

KENTIA BELMOREANA.

	Leaves.	In. high.	
6-in. pots,	6	20 to 26	$1.00 each.
6-in. "	6	28 to 30	1.25 "
6-in. "	6 to 7	30 to 36	1.50 "
7-in. "	6 to 7	30 to 36	2.00 "
8-in. "	6 to 7	36	2.50 "

KENTIA FORSTERIANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots.	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00
6-in. "	6	28 to 30	1.00 each.	
6-in. "	6	30 to 32	1.25 "	
6-in. "	6	32 to 36	1.50 "	
7-in. "	6	36	2.00 "	
8-in. "	6	42	2.50 "	
8-in. "	6 to 7	4 ft. high.	4.00 "	
8-in. "	6 to 7	4 to 4½ ft. high,	5.00 "	
9-in. "	6 to 7	5½ to 6 "	6.00 "	
10-in. "	6 to 7	5½ to 6 "	7.50 "	
10-in. "	6 to 7	5½ to 6 "	10.00 "	
10-in. "	6 to 7	6 "	12.50 "	
12-in. tubs,	6 to 7	7 "	20.00 "	
12-in. "	6 to 7	7 to 8 "	25.00 "	

MADE-UP KENTIA FORSTERIANA.

	Plants in pot.	In. high.	Per doz.	100
4-in. pots,	3	15	$4.00	$30.00
5-in. "	3	18 to 20	6.00	50.00
12-in. "	3 to 4	5½ to 6 ft. high,	12.50 each,	
	Plants in tubs.	Ft. high.	Each.	
12-in. tubs,	3 to 4	6 to 7	$15.00	
12-in. "	3 to 4	7 to 8	20.00	

The plants at $15.00 and $20.00 each are the best values we have ever sent out in decorative plants. They will be found an excellent investment.

PHOENIX CANARIENSIS.

A fine lot of shapely, well-furnished plants of this useful, hardy decorative Palm in light wooden tubs, 3 feet high, $5.00 each.

FERNS FOR DISHES.

	For immediate use.	100	1000
2¼-inch pots, assorted varieties		$3.00	$25.00
3-inch " "		6.00	

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

NEW HAVEN, CONN.

The majority of violet growers of this town are disgusted with the prices received and the amount of flowers called for. Several of the growers are getting ready to pull their plants out and rent the space to truck gardeners, who are expecting a late spring and cannot see any chance of using cold frames this year. Others are going to raise tomatoes and cucumbers in their houses for spring sale. It has been rumored that Geo. Hunter and Geo. Neil are both willing to rent or sell their places on account of the slump in violets this year and that E. J. Morse is going to put one of his violet houses into carnations. J. H. Slocombe is going to put one of his violet houses into carnations and also to build another carnation house. Mr. Kraus has turned his large houses into sweet peas and it looks as if he would have a fine crop by June, if not before.

The past week has seen a let up as far as the cold weather is concerned and flowers sold better. The demand for cut flowers for St. Valentine's day was like a Christmas rush and everything sold well at good prices. S. H. W.

Hughsonville, N. Y.—Adam Laub & Son are having a very good season, their stock being in first-class shape. They have gone into the rooted cutting business quite heavily and are doing a nice business on carnations. Their place is visited by many in the trade.

Dobbs Ferry, N. Y.—The regular meeting of the Dobbs Ferry Horticultural Association was held December 30, with President Henderson in the chair. There was a large attendance, the business of the evening being the making of a schedule for the fall show. There was a prize given by S. Bradley, gardener to O. J. Smith, for the best foliage plant in a 6-inch pot, which was awarded to Mr. Fisher for a dracaena, the other competitors were Mr. Kasberg and Mr. Boreham, who staged Pandanus Veitchii and Aspidistra variegata. S. Bradley staged a fine specimen of Pandanus Sanderi. Thomas Lee is to read an essay at the next meeting.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

100,000 Pansies.

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted. 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame. **ASPARAGUS PLUMOSUS**, from flats, ready for potting, $2.00 per 100; $18.00 per 1000.

Samuel Whitton, 15-17 Gray Ave., **Utica, N. Y.**

Mention The Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

Price list for the asking.

Mention The Review when you write.

PELARGONIUMS Named varieties, large plants, 2½-in. to 3-in. pots, $3.50 per 100; 25 at 100 rate. **Pansy Plants**, large lowering, nice, stocky plants $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias**, separate colors mixed, $3.00 per 100. CASH, PLEASE.

HENRY ERNST & SON,

WASHINGTON, MO.

Mention The Review when you write.

Geraniums

....and....

Carnations

ALBERT M. HERR, Lancaster, Pa.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Penasylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100: **$17.50** per 1000.

CASH WITH ORDER.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

CHRYSANTHEMUMS.

	Delivery to April 1. Per 100.	April and May Delivery, Per 100.
Mrs. Coombes	$3.00	$2.00
Yanariva	2.00	1.50
Alice Byron	6.00	4.00
June Cadbury	6.00	4.00
Mrs. Trantor, pure white	4.00	3.00
Adrian	2.00	1.50
Mrs. Robinson, ex. fine stk	1.50	1.25
Mrs. F. J. Taggart	2.00	1.50
F. J. Taggart	6.00	4.00
Robt. Halliday	2.00	1.50
Mrs. H. Emmerton	8.00	6.00

Prices are for rooted cuttings. Prompt shipment.

Orders booked for later delivery, not less than 25 of a kind at above rates. Send for price list of other varieties.

W. A. CHALPANT, Springfield, Mo.

Mention The Review when you write.

AMERICAN BEAUTIES.

We have a fine lot in 2 x 2½ inch that will be ready to go out early in March. Let us have your order and we will send you fine stock and guarantee satisfaction.

Headquarters for **BOSTON and PIERSON FERNS**—all sizes. Write us.

PLUMOSUS and SPRENGERI.

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18.00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2 in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

LOOK THIS ADV. OVER—

Asparagus Plumosus Nanus,

The true Nanus. There's lot of difference, per 1000, $6.50; per 5000, $30.00.

IMPROVED SHASTA DAISY SEEDS, per 1000, $1.00; per 5000, $4.00.

IMPROVED SHASTA DAISY PLANTS.....per 1000, $20.00; per 5000, $50.00.

HAND HYBRIDIZED CARNATION SEED, per 100, $1.00; per 1000, $9.00.

SMILAX SEED.....per oz., 25c; per lb., $2.00

GIANT PANSY SEED.....per oz., 4.00

WASHINGTON NAVEL ORANGE, specimen plants, 4 ft. high, $2.00 each. Try a few.

NEW PHENOMENAL RASPBERRY. From 12 plants last year we sold $24.00 worth of berries. 20 berries fill a quart box. It ships 2000 miles safely. They are the best paying fruit in California to-day, giving over $1200 an acre. Only a few 1000 to spare. Tips, doz, $2.00; per 100, $10.00.

CALIFORNIA POPPY CLUMPS — Golden Yellow, better than any tulip, **hardy.** Different from any other poppy grown .....clumps, per doz., $2.00; per 100, $10.00

Cash or C. O. D., with privilege of examining. 25 seeds or plants at 100 rate. 500 at 1000 rate. 2500 at 5000 rate. Express prepaid at above prices.

California Carnation Company, Loomis, Cal.

LOCK BOX 103

...NEW...

Chrysanthemums.

W. DUCKHAM, MILDRED WARE, BEN WELLS, F. A. COBBOLD, S. T. WRIGHT, Mrs. F. W. VALLIS and all other prize winners now ready for immediate delivery.

Grand Stock from 2½-inch pots.

We are Headquarters for these

Wells-Pockett Varieties.

Send for Price List.

CHAS. H. TOTTY - MADISON, N. J.

Mention the Review when you write.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica, 12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2 50** " **$20** "
20 to 24 inches high.....**$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

Mum Stock Plants.

Strong Plants—carefully packed, of the following varieties at $4.00 per 100; 60c per doz.: Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory of the Pacific, Ivory pink and white, Montmort and Wanamaker. **Stevia** stock plants from bench or pots, $5.00 per 100; 75c per doz. We are headquarters for **CARNATION, MUM** and **STEVIA CUTTINGS** in season.

JOHN BROD, Wholesale Florist, NILES CENTER, ILL.

Mention The Review when you write.

FERNS - BOSTON and PIERSONI

POT-GROWN PLANTS. PINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.

Piersoni—Strong, rooted runners reduced to $5 per 100; 2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices. CASH WITH ORDER.

DAVIS BROS.,

MORRISON, ILL. —AND— GENEVA, ILL.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

Roses Special in 3-in. Golden Gate, Ivory and Liberty. All other stock ready to go out in 2 x 2½-in.

Asparagus Plumosus in seedlings, 2½, 3 and 4-in. Sprengeri in 2, 3 and 4-in.

GERANIUMS in R. C., 2, 2½ and 3-in.

COLEUS in R. C. and 2-in. Write—

GEO. A. KUHL, PEKIN, ILL.

FERNS -- BOSTON AND PIERSONI.

Mention The Review when you write.

Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2 inch ..... .50 "

Send for **Cryptomeria Japonica** circular we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa

Mention The Review when you write.

NEW CROP Asparagus Plumosus and Sprengeri Seed. Special quotations on large quantities.
HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.
Orders booked now for plants of ADIANTUM CROWEANUM, delivery July 1st.
GRAFTED ROSES on Manetti Stock.
BRIDESMAID, BRIDE, GOLDEN GATE, IVORY, FRANZ DEEGEN, $15 per hundred; $120 per thousand.
SAMUEL S. PENNOCK, 1612 LUDLOW ST., PHILADELPHIA.
Mention the Review when you write.

NOW READY. COLEUS ROOTED CUTTINGS.
VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5 per 1000.
At purchaser's risk by registered mail, 75c per 100.
VINCAS (VAR.) from 3-inch pots.....$5 per 100.
FRANK A. PIERSON. Write for List of Cuttings. CROMWELL, CONN.
Mention The Review when you write.

PITTSBURG.

The Market.

The market conditions are about the same as last reported, except on carnations, which are meeting with better demand, due to the scarcity of all kinds of roses. The supply of good and fancy carnations is large. Tulips, narcissi and other bulbous stock is in good demand. On Easter lilies the supply is gradually increasing. Prices on all good stock have advanced somewhat and weather conditions are still unfavorable. St. Valentine's day created no special demand for stock.

Various Notes.

Ernest Zieger, manager of C. T. Siebert's retail branch, reports business good, with a number of good sized decoration orders before Lent.

Pittsburg will be well represented at the carnation convention at Detroit next month; so far the delegation will number fifteen persons.

S. S. Skidelsky, of Philadelphia, and D. MacRorie, representiug W. A. Manda, were visitors last week. Hoo-Hoo.

OCEANIC, N. J.

The eighth annual ball of the Monmouth County Horticultural Society was held in Redmen's hall February 12 and was the grandest affair of the season and the best ball the society ever had. Over 100 couples were in the grand march and about 250 guests were present. The hall was beautifully decorated with garlands of flags and flowers and around the picture of President Lincoln was a beautiful wreath of poinsettias donated by G. H. Hale. Refreshments were served at 12 o'clock. Those who were not dancing had some enjoyments of their own, but this is not to be given away. A search is being made for those who did not come. The committee of arrangements were W. H. Griffiths, H. A. Kettel, J. Yoemans, G. H. Ashworth and G. Kuhn.

Syracuse, N. Y.—The Federal High court at Caracas, Venezuela, on January 28, held that the claim of the Warner-Quinlan Asphalt Co. to the Felicidad mine, under a concession made in 1897, is null and void. P. R. Quinlan, of this city, is a leading member of the syndicate which loses out under this decision. The concession is worth millions.

GERANIUMS and MISCELLANEOUS STOCK.
From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pumpon Chrysanthemums, large flowering or Aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.		
Coleus, 15 varieties....per 1000. $15 00,	40c	2.00
Dahlias, roots. $5.00 per 100; $40.00 per 1000. List of varieties on application.		
Fuchsias, in variety	50c	2 50
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	$2 00
Hibiscus, in assortment	60c	4.00
Forget-Me-Nots, large flowering	40c	2 00
GERANIUMS, such varieties as Centaur, Gillean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc	40c	2.00
GERANIUMS—Scented, Balm, Nutmeg, Lemon, Shrubland Pet. Rose,	40c	2.00
Holt's Mammoth Sage, per 1000 $15 00,	40c	2.00
Lemon Verbena....per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR.	50c	3 00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Smilax....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" Rosea	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" Uvaria, 2¼-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.
R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

...CANNAS...
Strong Root Pieces, Averaging 2 to 3 Eyes.
Alphonse Bouvier, Alsace, Austria, Black Beauty, $7.00 per 100, Bassett's Red, $3.00 per 100, Charles Henderson, Crimson Bedder, Duke of Marlborough, Egandale, $3 00 per 100, Florence Vaughan, Mme. Crozy, Mrs. Kate Gray, $5.00 per 100, President Carnot, President Cleveland, Progression, Queen Charlotte, Robert Christie, Sam Trelease $4.00 per 100, Souv. de Antoine Crozy.
Unless noted, $2.00 per 100, $18.00 per 1000.
Write for Prices on Large Lots.
THE STORRS & HARRISON CO. PAINESVILLE, OHIO.
Mention The Review when you write.

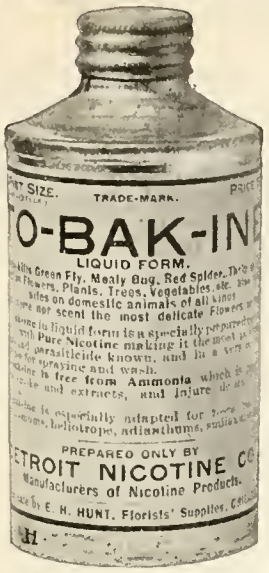
DECORATIVE PLANTS. PIERSON AND BOSTON FERNS
Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.
JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

SEASONABLE STOCK.

	Per 100
Geraniums, all leading varieties, mix., 2½-in.	$2 25
Rose Geraniums, 2½-in	2 50
Ivy Geraniums, 2-in	2 00
Petunias, all colors, mixed, 2-in	2 00
Heliotropes, Jersey Beauty 2-in	2 25
Pelargoniums, mixed varieties, 2½-in	3 00

Rooted Cuttings—Feverfew, Vinca Var., Coleus and German Ivy, $1.00 per 100. Cash please
CONVERSE GREENHOUSES, Webster, Mass.

BOSTON AND ANNA FOSTER FERNS
Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each: small plants $5.00 per 100.
Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. Asparagus Sprengeri, 4-in, $6 00 per 100. Dracaena Indivisa, 3-in. strong, $8.00 per 100. Kentias—Ficus.
L. H. FOSTER, 45 King St., Dorchester, Mass.



To-Bak-Ine. LIQUID

A concentrated Solution of Pure Nicotine for SPRAYING or VAPORIZING

FREE FROM AMMONIA

COST OF SPRAYING—To kill Green and Black Fly, Thrips, Aphis, etc., it requires only one to two teaspoonfuls, and for Red Spider and Mealy Bug three to four teaspoonfuls to a gallon of water, making the cost only 1½ to 6 cents per gallon.

FOR FUMIGATING—This liquid may be vaporized by placing the required quantity (one ounce is sufficient for 2000 to 6000 cubic feet) in a shallow pan and heating by means of an alcohol lamp or otherwise. It can also be vaporized on your steam pipes by applying with a soft paint brush, using the quantity as above.

¼ pint can, 60c. ½ pint can, $1.10. 1 pint can, $2.00. 1 gallon can, $15.00.

Send a postal for a copy of our book, "WORDS OF WISDOM," by Leading Growers.

W. W. RAWSON & CO., 12 Faneuil Square, Boston, Mass.
HENRY F. MICHELL CO., 1018 Market St., Philadelphia, Pa.
H. E. WILSON.....Rochester, N. Y.
WM. F. KASTING, 481 Washington St., Buffalo, N. Y.
JOHN H. DUNLOP....5 W. King St., Toronto, Ont.
WM. BRINKER...329 Prospect St., Cleveland, Ohio.
MICHIGAN CUT FLOWER EXCHANGE, 26 Miami Ave., Detroit, Mich
E. H. HUNT.....76-78 Wabash Ave., Chicago, Ill.
HOLTON & HUNKEL, 457 Milwaukee St., Milwaukee, Wis.
ST. LOUIS SEED CO., 615 N. Fourth St., St. Louis, Mo.
BARTELDES & CO..... 1521 15th St., Denver, Colo.
E. W. McLELLAN & CO., 144 Union Square Ave., San Francisco, Cal.

DETROIT NICOTINE CO., Detroit, Mich.

Mention The Review when you write.

ARAUCARIA EXCELSA, 6-in. pots 20 23, 25 in. high, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.

Dracaena Bruanti. 6-in. pots, 20 to 25 inches high, to make room for Easter plants, cut down from 50c to 35c.

Ficus Elastica, (Rubber Plants), 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz.

Begonia Prea. Carnot, 6-inch pots, $2.50 per doz., in bud and bloom. Other varieties, mixed, 4-inch, $1.80 per doz.

Cyclamen in bud and bloom, 4-inch, $2.00 doz.

Primula Obconica in bloom, $1.80 doz.

Cinerarias 6-inch, in bloom, now or for Easter, $3.00 doz.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.

Mention The Review when you write.

DAHLIAS

WE MAKE A SPECIALTY OF DAHLIAS AND GROW IN LARGE QUANTITIES ALL THE LEADING NOVELTIES AND STANDARD VARIETIES. WRITE FOR PRICE LIST.....

Wagner Park Conservatories,
SIDNEY, OHIO.

Mention The Review when you write.

SHAMROCK

....IRISH....

Strong and fine plants. Better order early. $4.00 per 100; or 60 cts. per doz., by mail.

LOBELIA—Emperor William, finest Dwarf dark blue grown, very strong, bushy, 2-inch, $2.00 per 100.

JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses.

Mention The Review when you write.

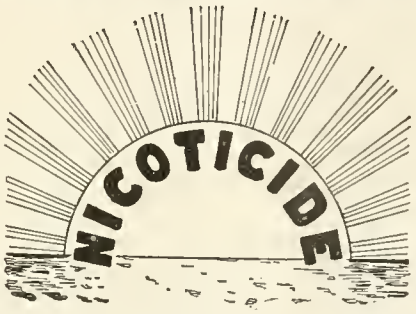
JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.



BUG KILLER

WHEN ALL ELSE FAILS } IT SAVES FLOWERS

Tobacco Warehousing & Trading Company,
Louisville, Ky.

Mention Review when you write.

TOBACCO STEMS

ALL AVAILABLE QUALITY GUARANTEED

IN PRESSED BALES About 500 Lbs Each Price per 100 Lbs .... } **$1.00**

E. F. WINTERSON CO.
45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

GERANIUMS

	Per 100
10 varieties, fine, 2½-inch pots	$3.00
Coleus—10 varieties, 2-inch pots	2.00
Vinca Var. Vines—2-in pots	2.50
Alternantheras—Red and yellow, April 1.	2.00
Asparagus Plumosus Nanus Seed—1000, $7.00	1.00

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

Improved Recording Thermometer

JUST THE THING
FOR YOUR GREENHOUSE

No. 200.
Send for catalogue and prices.
THE HELIOS-UPTON CO.,
PEABODY, MASS.

Mention The Review when you write.

Cycas Revoluta!

Delivery March 1904 and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs., assorted		$60.00
500	" "	32.50
100	" "	7.50

Above goods are offered f. o. b. railroad freight depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

Mention The Review when you write.

Fumigating Kind Tobacco Powder KILLS ALL APHIS IN ONE NIGHT in a house 100x25 ft., at a cost of 10c. A 5 lb. trial pkg. will cost nothing if you will pay the express charges on it. Our booklet tells of it. Write Dept. L for it.
The H. A. STOOTHOFF COMPANY
116, 117, 118 West St., N. Y. City

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHYRANTHES.

Achyranthes Lindenii and metallica, 2-in. pots, $2.50 100; rooted cuttings, $1.00 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

ADIANTUMS.

Adiantum Crowenum. Orders booked now for July 1 delivery.
S. S. Pennock, 1612 Ludlow St., Phila.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratum Princess Pauline, 2-in. pots, $2.00 100; rooted cuttings, $1.00 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratum St. Gurney and with R. C., 60c 100.
C. Schulze & Son, Flushing, N. Y.

ALTERNANTHERAS.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 1, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Sweet alyssum, Dbl. Giant, 2¼-in., $2.00. Rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Alyssum Double Giant, 2¼-in. pots, $2.00 per 100. Wagner Park Conservatories, Sidney, O.

Alyssum, 2-in. pots, $2.50 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5½-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, 3-in., $3.00; 4-in., $8.00; 5-in., $10.00, very large, ornamental plants now ready for 6 or 7-in. Plumosus, 3-in., $3.50 per 100. Cash N. P. Colberg, Morris, Ill.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00; 3½-in., $5.00 100. All extra strong and need a shift. Cash, please.
J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

400 Asparagus plumosus nanus in 4-inch pots, to close out, as we need room, $6.00 per 100.
Superior Floral Co., Toledo, O.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, extra strong, 3-in., $4.00 100 or 200 for $7.50.
C. L. Tipton, Little Rock, Ark.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Springeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's "White Commercial" is the best commercial aster ever produced. Write for circular and prices.
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100 Aurea manicata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

BEGONIA VERNON, red, white and pink, separate colors and mixed; strong plants ready to pot, $1.25 per 100; $10.00 per 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Rex begonias, well established young plants from sand bed, mixed assortment, not labeled. $1.50 per 100, postpaid.
A. B. Davis & Son, Purcellville, Va.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Pres. Carnot, 6-in. pots, $2.50 doz., in bud and bloom. Other var. mixed, 4-in., $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia Vernon, pink and scarlet, 2¼-in., $1.50 per 100. Cash.
N. P. Colberg, Morris, Ill.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BULBS.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100. $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Mixed lot fancy-leaved caladiums, 75c per doz. bulbs.
Albert Buckwell, Woodbridge, Fla.

Richardia maculata alba, $12.50 per 1000. P. D. Barnhart, 1052 W. 35th St., Los Angeles, Cal.

Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.
Gloxinia crassifolia erecta, giant flowering. Mixed—First size, 1-in. and over, 40c doz., $3.25 100; large size, 1¼ to 1½-in., 50c doz., $4.00 100; extra large, 1½ to 2-in., 65c doz., $4.75 100. White, blue, spotted, extra large, 1½ to 2-in., 75c doz., $5.00 100. Scarlet Defiance, extra large, 75c doz., $5.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

We are growers and wholesale dealers in high-class flowering bulbs. Prices, to the wholesale trade only, on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

20,000 dwarf Pearl tuberose bulbs, 4 to 6-in. in circ., at $4.00 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

BUSINESS BRINGERS—
Review
Classified Advs.

CANNAS.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100	Pres. Cleveland.
Bassett's Red, $3.00 100	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100
Egandale, $3.00 100.	
Florence Vaughan.	Souv. de A. Crozy.

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

Cannas. Chas. Henderson, Duke of Marlborough, Crimson Bedder, Queen Charlotte, Alemannia, America, Chicago and Pres. McKinley, $1.75 per 100; $15.00 per 1000. Other standard and new varieties, cheap.
W. W. Dedrick, Ashley, Ind.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dana & Son, Westfield, N. Y.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

Pink.	100.	1000.	5000.
Lawson	$1.25	$10.00	$40.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.25	10.00	40.00
Red			
Crane	2.00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
White.			
Hill	1.25	10.00	40.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Wolcott	3.50	27.00	125.00
Light Pink.			
Enchantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill	1.50	12.50	G. Angel	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

White.	100.	1000.		100.	1000.
Bountiful	$12.00	$100.00	Fisher	$12.00	$100.00
The Belle	12.00	100.00	McKinley	3.50	30.00
Bradt	6.00	50.00	Floriana	2.50	20.00
B. M'ket	4.00	35.00	Lawson	2.50	20.00
Wolcott	3.00	25.00	Marquis	2.50	20.00
Innocence	2.50	20.00	Dorothy	2.00	17.50
Glacier	2.00	17.50	Joost	2.00	17.50
Norway	2.00	17.50	Nelson	2.00	17.50
Lorna	2.00	17.50	Triumph	1.50	12.50
W. Cloud	1.50	12.50			
Variegated.			Light Pink.		
Patten	12.00	100.00	Enchant.	6.00	50.00
Bradt	3.00	25.00	Fairmaid.	3.00	25.00
Prosp'ity	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory.	2.00	17.50
Stella	2.50	20.00	Success	1.50	12.50
Red.					
Flamingo.	12.00	100.00	Crimson.		
Adonis	7.00	65.00	Fenn	5.00	45.00
Maoley	4.00	35.00	G. R'velt	2.50	20.00
Estelle	3.00	25.00	Gomez	1.50	12.50
Crane	2.50	20.00	Maceo	1.50	12.50

W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Enchantress	$6.00
Queen Louise	1.50	Success	4.00
Lorna	2.50	Mrs. Higinbotham.	5.00
Good Enough	2.00	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Red—		Dorothy	2.00
Adonis	6.00	Sunbeam	2.50
Mrs. P. Palmer	3.00	Morning Glory	1.50
J. H. Manley	4.00	Mrs. Joost	1.25
Oriole	2.50	Daybreak	1.25
G. H. Crane	2.00	Wm. Scott	1.25
Jubilee	1.50	Crocker	1.25
Portia	1.25	Mermaid	2.00
Yellow—		Floriana	1.50
D. Whitney	5.00	Crimson—	
Buttercup	3.00	Harry Fenn	5.00
Gold Nugget	2.00	Gov. Roosevelt	2.50
Eldorado	1.25	Gen. Maceo	1.50

Variegated—Prosperity, $2.50 100; Mrs. G. M. Bradt, $3.00 100.

J. L. Dillon, Bloomsburg, Pa.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	100	1000	White.	100	1000
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.50	20.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud.	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'nder	3.00	25.00
Red.			Marion	1.25	10.00
Estelle	2.50	20.00	Variegated.		
Mrs. Ine.	1.25	10.00	Prosperity.	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Bradt	2.00	15.00
H'low'den.	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

P. REINBERG, 51 Wabash Ave., Chicago.

500,000 unrooted carnation cuttings.

Yellow.	100.	1000.	White.	100.	1000.
G. Beauty	$0.75	$6.00	Q. Louise	$0.55	$5.00
Eldorado	.55	5.00	Norway	.55	5.00
Gold Nugget	.60	5.25	Pink.		
Variegated.			Argyle	.55	5.00
Violauia	6.00	50.00	Mermaid	.55	5.00
Field	1.50	12.50	Marquis	.55	5.00
Stella	1.50	12.50	Lawson	1.00	8.00
Bradt	1.00	7.50	Cressbrook	.75	6.00
Armazindy	.55	5.00	Success	1.00	8.00
Scarlet.			Crimson.		
America	.55	5.00	Harlowarden	1.50	12.50
Palmer	.55	5.00	Gen. Gomez	.55	5.00
Apollo	.55	5.00			

Cash or C. O. D. with privilege of examining. Express prepaid at above prices. See displayed adv. for special low price on 5000 of one variety. California Carnation Co., Box 103, Loomis, Cal.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt	$2.50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt	2.50	20.00	America	2.50	20.00
W. Cloud	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory	2.50	20.00	G. Nugget	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn, 76 Wabash Ave., Chicago.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	3.40	30.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.20	10.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.20	11.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	Harlowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	5.00	45.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	4.00	35.00	Armazindy	1.00	9.00
P. McK'ley	5.00	45 00	Gaiety	3.00	25.00

25 at 100 rate, 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.

Loomis Floral Co., Loomis, Cal.

Carnations.	Rooted cuttings. 100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	—
Mrs. Joost	2.00	15	J. H. Manley	3.00	—

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

Well rooted carnation cuttings, extra fine.

	100		100
Glacier	$2.00	Frances Joost	$2.00
Queen Louise	2.00	G. H. Crane	2.50
Boston Market	3.50	Challenger	2.50
Gov. Wolcott	3.50	G. H. Manley	2.50
Lillian Pond	5.00	Harry Fenn	3.00
The Queen	5.00	Gen. Maceo	2.00
Mrs. Lawson	3.00	Mrs. Bradt	2.50
Fair Maid	3.00	Prosperity	3.00
Morniug Glory	2.00	Admiral Cervera	3.00

Write for special prices on large lots.

Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Carnation cuttings, well rooted No. 1 stock.

	100	1000		100	1000
Cressbrook	$2.00	$15.00	Estelle	$4.00	$35.00
Joost	2.00	15.00	Pond	6.00	50.00
Enchant	6.00	50.00	Queen	5.00	40.00
Fair Maid.	3.00	25.00	Murphy's	4.00	35.00
Lawson	3.00	25.00	Wolcott	3.50	30.00
Roosevelt	3.00	25.00	B. Market.	3.00	25.00
Maceo	2.50	20.00	Q. Louise.	2.00	15.00
Crane	2.50	20.00	Freedom	1.50	10.00
Adonis	8.00	70.00			

P. E. Richwagen, Needham, Mass.

Carnation cuttings. Healthy, well rooted stock.

	100	1000		100	1000
Pond	$5.00	$40.00	Her Majesty	$5.00	$40.00
Wolcott	4.00		Q. Louise.	2.00	18.00
Enchantress	6.00	50.00	Queen	5.00	40.00
Fairmaid.	3.00	25.00	Prosperity	3.00	25.00
Lawson	3.00	25.00	Estelle	4.00	30.00
Adonis	8.00		Nelson	3.50	30.00
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty.	3.00	25.00
M. Field.	5.00		Hill	1.50	12.00
Joost	1.50	12.00			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.

Can also furnish all other good varieties.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnation cuttings. INDIANAPOLIS, $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1	8	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise.	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud.	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	Harlowarden	5.00	
Her Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden.	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.

BACKER & CO., Billerica, Mass.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market, $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.

Wm. C. Smith, 61st & Market, Philadelphia.

Rooted carnation cuttings ready for immediate shipment.

	100	1000
Judge Hinsdale (Ward), white.	$12.00	$100.00
The Presideot (Ward), crimson.	12.00	100.00
Ethel Ward (Ward), rose-pink.	12.00	—
Mackinac (Ward), white	10.00	75.00
Christmas Eve (Ward), scarlet.	10.00	—

5 per ceot off for cash with order. Catalogue mailed upon application.

Cottage Gardens, Queens, N. Y.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttiogs and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order. please.		

GEO. E. BUXTON, Nashua, N. H.

Rooted carnation cuttiogs.

	100	1000		100	1000
Enchant	$6.00	$50.00	Marquis	$2.00	$17.50
Wolcott	4.00	35.00	G. Roosevelt	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	15.00
Estelle	3.00	25.00	Lorna	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50
Glacier	2.50	20.00			

BELL MILLER, Springfield, Ill.

ROOTED CUTTINGS—CARNATIONS.

	1000.	100.		1000.	100.
Queen Louise	$10	$1.25	Melba	$10	$1.25
Goodenough	10	1.25	Joost	10	1.25
Gen. Gomez	10	1.25	Fair Maid	20	2.50
Floriana	10	1.25	Harry Fenn	30	3.00
Dorothy	10	1.25			

Quality of cuttings guaranteed or money refunded. J. H. Cushing, Quidnick, R. I.

Carnation cuttiogs, stroogly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$12.00	Glacier	$1.50	$12.50
Dorothy	1.50	—	W. Cloud.	1.25	10.00
Joost	1.25	10.00	Hill	1.25	10.00
Marquis	1.25	10.00	Crane	1.50	14.00
Innocence	1.50	—	Prosperity	1.50	12.00

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings. Enchantress, $6.00 100, $50.00 1000. Lillian Pond and The Queen, $5.00 100, $40.00 1000. These are extra strong and well rooted.

Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings, clean and well rooted, $1.50 per 100. Prosperity, Joost, Crane, Lawson, Morning Glory, Higinbotham, Norway, Flora Hill and others. 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

CARNATIONS—Continued.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lillian Pond.	5.00	45	Harry Fenn.	5.00	40
Prosperity	2.50	20	Gen. Maceo.	2.50	20
Lawson	2.50	20	Q. Louise.	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warhurton, Fall River, Mass.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise.	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt.	6.00	50.00
Lawson	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	—

Isaac H. Moss, Govanstown, Md.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel.	$2.00	$15.00
Fairmaid	2.50	20.00	Enchantress	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

	100	1000		100	1000
Queen	$4.25	$37.00	Lawson	$1.60	$13.50
Enchant	5.00	45.00	Prosperity.	1.60	13.50
America	1.20	10.50	Marquis	1.20	10.50
Palmer	1.25	11.50	Mermaid	1.20	10.50

All other varieties at equally low prices. Cash with order.

B. Merkel & Sons, Carlstadt, N. J.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it'a a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.

H. Weber & Sons, Oakland, Md.

Rooted cuttings. Thos. W. Lawson, now ready. My stock is clean and healthy. No stem-rot. I take cuttings from flowering wood only. Reference: Mr. Geo. Saltford. 46 W. 49th St., N. Y., as to quality of stock. $3.00 per 100; $25.00 per 1000.

V. Hugo Pilat, Ossining, N. Y.

Rooted carnation cuttings. Special prices.

	100.	1000.		100.	1000.
Enchantress	$5.00	$45.00	Joost	$1.50	$12.00
Wolcott	3.50	25.00	Pond	3.00	25.00
Lawson	1.50	12.00	Harlow'den	3.00	.....
Palmer	1.50	12.00	H'botham.	1.50	12.50
Prosperity.	2.00	18.00	Lorna	2.50	20.00

Poehlmann Bros. Co., Morton Grove, Ill.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.

Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings, fine healthy stock.

	100	1000
Enchantress	$6.00	$50.00
Gov. Wolcott	5.00	40.00
Lawson	2.50	20.00
Genevieve Lord	1.75	15.00
White Cloud	1.75	15.00

J. M. Gasser Co., Euclid Ave., Cleveland, O.

Strong carnation cuttings.

	100.	1000.		100.	1000.
The Queen.	$5.00	$40.00	Floriana	$3.00	$25.00
Lawson	3.00	25.00	Maceo	3.00	25.00
Bradt	3.00	25.00	Roosevelt.	3.00	25.00
Fair Maid.	3.00	25.00	Prosperity.	3.00	25.00
Lorna	3.00	25.00	Cash with order.		

THOS. W. SOUTHWARD, Willimantic, Conn.

Carnations, sand-rooted cuttings.

	100	1000		100	1000
W. Cloud.	$1.50	$12.50	Prosperity	$2.25	$20.00
Q. Louise.	1.75	15.00	Lawson	2.25	20.00
Bradt	2.25	20.00	Crane	2.25	20.00
Joost	1.50	15.00	Enchant	6.00	50.00

250 at 1000 rate. Cash or C. O. D.

A. Laub & Son, Hughsonville, N. Y.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100.	1000.		100.	1000.
Hill	$2.50	$20.00	The Sport.	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud.	2.50	20.00
America	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.

Leo Niessen, 1217 Arch St., Philadelphia.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Rooted carnation cuttings, ready now.

	100.		100.
Flora Hill	$1.50	White Cloud	$1.50
Peru	1.50	Marquis	1.50
Lawson	2.00	Maceo	1.50
Morning Glory	2.00	America	1.50

Gesler & Drury, Galesburg, Ill.

Rooted carnation cuttings. Cash or C. O. D.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.50
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise.	1.50	12.50	Norway	1.50	12.50

St. Louis Carnation Co., Clayton, Mo.

Rooted carnation cuttings.

	100	1000		100	1000
Lawson	$1.50	$12.50	Lord	$1.00	$8.00
G. Angel.	1.00	8.00	Hill	1.25	10.00
Joost	1.00	8.00			

J. J. Lampert, Xenia, Ohio.

Rooted cuttings now ready.

	100	1000		100	1000
Joost	$1.50	$12.00	Roosevelt	$2.50	$20.00
Hill	1.50	12.00	Lady Emma	2.00	15.00
Marquis	2.50	20.00	McGowun	1.25	10.00

E. A. Bennett, Rockville Center, N. Y.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.

W. W. Coles, Kokomo, Ind.

Crusader, the best commercial carnation of any color ever introduced. Every cutting guaranteed. Price: $10.00 100, $80.00 1000. We can furnish all other leading varieties. Discount on large orders.

Chicago Carnation Co., Joliet, Ill.

Rooted cuttings of Gen. Maceo, $1.50 100, $12.50 1000, or will exchange for fuchsias, coleus, verbena cuttings or dbl. petunias. Write what you have.

Frank T. White, Holbrook, Mass.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.

C. W. Blatchley, Plantsville, Conn.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.

Sidney Littlefield, North Abington, Mass.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, ready Feb. 1, 1904, $10.00 100, $75.00 1000.

Jerome A. Suydam, Flathush, N. Y.

Good, strong, healthy, well rooted cuttings, as follows: Floriana, $3.00 100; $25.00 1000. Lorna, $3.00 100. Queen Louise, $3.00 100. Now ready. Cash with order.

Joseph Towell, Paterson, N. J.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

Rooted cuttings. Lawson, $2.50 100; Cervera, $2.00 100; Queen Louise, $2.00 100; Goethe, $3.00 100; Genevieve Lord, $2.00 100.

H. Weston, Hempstead, N. Y.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.

C. C. Pollworth Co., Milwaukee, Wis.

50,000 rooted carnation cuttings. Our stock is excetionally fine. Send for list of varieties and prices.

C. Akehurst & Son, White Marsh, Md.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.

Wm. Swayne, Box 226, Kennett Square, Pa.

Carnation Lawson now ready, $2.00 per 100, well rooted from healthy plants.

Crown Point Floral Co., Crown Point, Ind.

Carnations. Rooted cuttings of Prosperity at $2.25 per 100, by mail postpaid.

A. B. Campbell, Cochranville, Pa.

FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.

Otto Bourdy, Lowell, Mass.

Rooted cuttings of Queen Louise and Joost, $1.25 100 prepaid.

G. A. Thiele, Frankfort, Phila., Pa.

CHRYSANTHEMUMS.

Chrysanthemum stock plants. Bonnaffon, Robinson, Modesto, Murdock, Childs, Glory Pacific, pink and white Ivory, Montmort, Wanamaker, 60c doz., $4.00 100.

John Brod, Niles Center, Ill.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Hardy pompon chrysanthemums; large flowering or aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.

R. Vincent, Jr. & Son., White Marsh, Md.

Chrysanthemum rooted cuttings. Orders booked now for April and May delivery. Send for price list of varieties.

W. A. Chalfant, Springfield, Mo.

Chrysanthemums. All the new and standard varieties at lowest prices.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Mums. Rooted plants of Glory of Pacific, $1.25 100; T. Eaton, $1.50 100. Both by mail, postpaid. A. B. Campbell, Cochranville, Pa.

Rooted chrysanthemums, all standard varieties, $1.50 100, express prepaid. Cash.

Louis Hoebel, Fort Lee, N. J.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.

A. Rasmussen, New Albany, Ind.

CINERARIAS.

Cinerarias, extra fine, from $2.00 to $5.00 per doz. Also Primula and Primula obconica, extra fine. Cyclamen, all in good bloom.

Fred'k. Marquardt, Middle Village, L. I., N. Y.

Cinerarias, 6-in., in bloom, now or for Easter, $3.00 doz.

Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis, 6 distinct kinds, 2-year, $2.00 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus in assortment, 2-in., $2.00 per 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy, but very finely mottled) in assortment, 50c per doz.; separate, 60c.

N. O. Caswell, Delavan, Ill.

Strong, well-rooted cuttings of coleus—Golden Bedder, Crimson Verschaffeltii, Fire Brand and Rainbow, 75c per 100, $6.00 per 1000. Cash with order, please.

Hugo Book, Worcester, Mass.

Coleus Verschaffeltii, Golden Bedder and Fancy, 2-in. pots, ready for 3-in., $2.50 100; rooted cuttings, $1.00 100. Cash.

Valley Greenhouse Co., Sewickley, Pa.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write

Geo. A. Kuhl, Pekin, Ill.

Colens, 24 fine var. from flats, $1.00; rooted cuttings, 60c per 100. Cash.

N. P. Colberg, Morris, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.

E. B. Randolph, Delavan, Ill.

Coleus, over 15 best bedding varieties, unnamed, 2¼-in., $2.00 100.

Burnell & Totman, Randolph, Vt.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.

Swan Peterson Floral Co., Gibson City, Ill.

Coleus, 10 var., 2-in., $2.00 100. Cash.

Jos. H. Cunningham, Delaware, O.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash.

S. D. Braut, Clay Center, Kan.

Coleus. 15 choice kinds, 60c per 100.

Wm. H. Steuger & Sons, Granville, O.

Coleus. 15 var., 2-in., $2.00 100.

A. J. Baldwin, Newark, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.

E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1000 lbs., assorted, $60.00; 500 lbs., $32.50; 100 lbs., $7.50.

F. W. O. Schmitz, Prince Bay, N. Y.

CYCLAMEN.

Cyclamen, blooming and in bud; fine stock, 4-in., $12.00; 5-in., $20.00 and $30.00 per 100.

C. Winterich, Defiance, Ohio.

Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.
C. Young & Sons Co., 1400 Olive St., St. Louis, Mo.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, in bud and bloom, 4-in., $2.00 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

DAHLIAS.

Dahlias. Ten gold medals awarded in 1903. Pot roots for shipment at once. Every section, including the popular Cactus DAHLIAS, $4.00 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 100. Terms cash. 144-page catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, Eng.

Dahlias. Mrs. Winters, the world's best white, $18.00 per 100. Ingeborg Egeland, the best scarlet cactus, $5.00 per doz. Up-to-date standard varieties, $6.50 per 100.
Send for catalogue of dahlias, hollyhocks and hardy herbaceous plants.
W. W. WILMORE, Dahlia Specialist, Box 382, Denver, Colo.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer at $5.00 per 100. Can furnish in large quantity.
O. B. STEVENS, Shenandoah, Iowa.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.
J. K. Alexander, East Bridgewater, Mass.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting, 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.
HENRY A. DREER, Philadelphia, Pa.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Dahlias. A fine collection of show, decorative, cactus and pompons. Field-grown roots, $6.00 per 100, $50.00 per 1000. Send for list.
Vick & Hill Co., Rochester, N. Y.

We make a specialty of dahlias and grow in large quantities all the leading novelties and standard varieties.
Wagner Park Conservatories, Sidney, O.

Dahlias, 10 of the finest forcing varieties, $1.00 doz., $7.00 100.
H. F. Michell Co., 1018 Market St., Phila.

Dahlia roots, $5.00 100; $40.00 1000. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

Single Dahlias, sep. colors mixed, $3.00 100. Cash please.
H. Ernst & Son, Washington, Mo.

Dahlias, large field-grown clumps of finest mixed, $2.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

Dahlias, named, $5.00 per 100.
Michigan Seed Co., South Haven, Mich.

DAISIES.

Improved Shasta daisy plants, $20.00 1000, $50.00 5000; 500 at 1000 rate, 2,500 at 5000 rate. Cash or C. O. D. with privilege of examining. Express prepaid at above prices.
California Carnation Co., Box 103, Loomis, Cal.

Daisies Marguerites, yellow, 2-in. pots, $2.50 100; rooted cuttings, white and yellow, $1.25 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Daisy California, white and yellow, 2-in., $2.00. Rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Marguerite rooted cuttings, strong, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

DRACÆNAS.

DRACAENA INDIVISA.

3-inch pots, $0.75 doz.	$ 6.00 100
4-inch pots, 2.00 doz.	15.00 100
5-inch pots, 2.50 doz.	20.00 100
6-inch pots, 3.50 doz.	25.00 100

HENRY A. DREER, Philadelphia, Pa.

Dracaena Bruanti, 6-in. pots, 20 to 25 in. high, 35c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
Harvey B. Snow, Camden, New York.

Dracaena indivisa, 3-in., fine, $3.00 per 100. Cash. N. P. Colberg, Morris, Ill.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

FERNS.

CIBOTIUM SCHIEDEI. The belle of horticulture. The hardiest and most valuable tree fern in cultivation.

4-in. pots	$0.50 each,	$5.50 doz.
5-in. pots	0.75 each,	8.50 doz.
7-in. pots	2.00 each,	23.00 doz.
8-in. pots	2.75 each,	32.00 doz.

For larger specimen plants, prices on application.
FERNS FOR DISHES. From 2¼-in. pots, first-class stock, $3.00 per 100; $25.00 per 1000; 5000 for $100.00. 3-in. pots, $6.00 100, $55.00 1000.
FERN SPORES, of all good commercial varieties gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $5.00 100; 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

ADIANTUM CUNEATUM. A large stock in prime condition.

3-inch pots	$ 6.00 per 100
4-inch pots	10.00 per 100
5-inch pots	15.00 per 100
6-inch pots	25.00 per 100

HENRY A. DREER, Philadelphia, Pa.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-in., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Ferns—	100	1000
Anna Foster, 2½-in.	$4.00	$35.00
Anna Foster, 3-in.	6.00	
Boston, 2½-in	4.00	35.00
Boston, 3-in	6.00	

VICK & HILL CO., Rochester, N. Y.

Boston ferns from bench, $25.00 per 100; 2½-in., $4.00 per 100. Piersoni from bench, $20.00 per 100. Small ferns for dishes, $25.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

I make a specialty of small ferns for jardinieres, etc. A good variety of the right kinds and nice bushy stock, 2¼-in., $3.00 100; $25.00 1000. Pierson ferns, 2¼-inch, $10.00 100.
H. Weston, Hempstead, N. Y.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns at half price, 5 and 6-inch pots, per 100, $16. Plants ready for 3-in. pots, 2½c each. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

1,100 extra strong Boston fern runners from bench, at $1.50 per 100, if taken at once. Cash please. L. A. Rike & Son, LeRoy, Ill.

JAPANESE FERN BALLS, 7 to 9 inches, in prime condition, $3.00 per doz., $25.00 per 100. HENRY A. DREER, Philadelphia, Pa.

Boston ferns, 2½-in., $4.00 100; 3-in., $8.00; 4-in., $12.50; 5-in., $25.00; 6-in., $40.00.
W. H. Gullett & Sons, Lincoln, Ill.

A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Ferns. Cyrtomium falcatum, strong, 2-in., $5.00 per 100.
S. Muir, 3530 Michigan Ave., Chicago.

Piersoni ferns from bench, ready for 8-in., $1.00 each.
A. B. Campbell, Cochranville, Pa.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Piersoni and Bostons. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Ferns, 2¼-in., for fern dishes. $25.00 1000. Cash. Louis Hoebel, Fort Lee, N. J.

50,000 Pierson ferns, 2½-in., $8.00 100; $75.00 1000. Good & Reese Co., Springfield, O.

Fresh imported fern balls, 5-7 and 7-9 inches. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Boston ferns, 2½-in., 3c; 3-in., 5c; 4-in., 10c, 5-in., 25c. W. W. Coles, Kokomo, Ind.

Boston ferns, strong 4-in., $12.00 and $15.00 per 100.
CHICAGO CARNATION CO., Joliet, Ill.

Boston ferns, from bench, for 5-in., 8c. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, strong 2½-in., $4.00 per 100.
Krueger Bros., Toledo, O.

FEVERFEW.

Feverfew, dbl. dwarf, the best I have ever seen, extra fine plants, 2¼-in., $2.00; from flats, $1.50. R. C., $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100. J. C. Schmidt Co., Bristol, Pa.

FUCHSIAS.

Fuchsia Black Prince, Carmen Sylva, Marenga, Speciosa, Early Dbl. White and several other desirable varieties, 2-in., $2.00 per 100; also few novelties. For prices write. R. C. of above named varieties ready March 1 at $1.25 per 100. N. O. Caswell, Delavan, Ill.

Fuchsias, including Dreer's, E. G. Hill, Black Prince and others, from soil, $1.75 per 100. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

Fuchsias, in variety, 2¼-in., 50c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsias, fine varieties; R. C., $1.00 100.
C. Schulze & Son, Flushing, N. Y.

GERANIUMS.

40,000 strong, 2-in., Nutt, Heteranthe, Dbl. Grant, Mme. Salleroi, $20.00 per 1000. A. Ricard, Poitevine, J. Viaud, Perkins, Buchner, $2.50 per 100. Boisdeffre, Mme. Barney, Castellane, Charotte, Landry, Kleber, Miss Kendall, Granville, Thos. Meehan, Le Soleil, Rosebud, Countess of Harcourt, Tilliman and ivy leaved, $3.00 per 100; 40c doz. Black Douglas, Mrs. Pollock, Mt. of Snow, Trego and Little Pink, $5.00 per 100. Cash with order. All standard bedding plants in season, rooted cuttings and seedlings.
Ludwig Mosbaek, 85th St., nr. South Chicago Ave., Chicago, Ill.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 2¼-in., 40c doz., $2.00 100.
Scented. Balm, Nutmeg, Lemon, Shrubland Pet, Rose., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums from 2¼-in., pots. Double Grant, the best scarlet bedder; S. A. Nutt and Mme. Thibaut, $2.00 per 100, $18.00 per 1000. Mme. Salleroi, from soil, $1.00 per 100, $8.00 per 1000. Sweet scented geraniums, strong rooted cuttings, $1.25 per 100. Cash with order, please.
H. Book, Worcester, Mass.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums, strong stocky cuttings, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevallere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Geraniums, fine and strong, 2¼ and 2½-in. pots, $2.50 per 100. Jean Viaud, S. A. Nutt, Bruant, La Favorite and others. Rooted cuttings of above, also, Mme. Salleroi, $1.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Geraniums, 2½-in pots of the following varieties: Nutt, Alphonse Ricard, Mrs. Hill, Jean Viaud, La Favorite, Clyde, fine plants, $2.00 per 100. Crown Point Floral Co., Crown Point, Ind.

Geraniums, strong, stocky plants, well established, 2½-in. pots, all the leading varieties, $2.00 per 100; $20.00 per 1000.
National Plant Co., Dayton, Ohio.

Poitevine, Ricard, John Doyle, La Favorite, Gloire de France, 2¼-in., $2.00 per 100. A good variety of mixed kinds, $1.75 per 100.
H. Weston, Hempstead, N. Y.

Geraniums, well rooted cuttings of a good mixed lot at $1.25 per 100, postpaid. La Favorite at $1.00 per 100, postpaid.
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Rooted cuttings, best bedders, $15.00 per 1000. Mme. Salleroi, $15.00 per 1000.
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Geraniums and rose geraniums, 2-in., $2.00 100. E. B. Randolph, Delavan, Ill.

GERANIUMS—Continued.

Ivy geranium Chas. Turner, the best under cultivation, strong 2¼-in., ready for 3-in., $2.00. R. C., $1.00 per 100. Cash.
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Geraniums from 2¼-in. pots, $2.00 per 100—Ricard, Hill, Brunnt and De Castellane. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Geraniums, leading var., 2½-in., $2.25 100. Rose geraniums, 2½-in., $2.50 100. Ivy, 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Geraniums. Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 100.
Buckley Plant Co., Springfield, Ill.

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Fine plants of rose geraniums, 2½-in., $2.50 per 100. Also a large lot of best mixed.
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Geraniums, 6 good varieties; strong plants ready for 4-in., $2.50 100, $20.00 1000.
Krueger Bros., Toledo, O.

Geraniums, 10 var., fine, 2½-in., $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.
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Gladiolus bulbs. Shakespeare, Augusta, Grand Rouge, May, Eugene Scribe, Ben Hur, Mrs. Beecher, No. 1900. Small Augusta, for planting, $3.50 to $5.00 per 1000.
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Chase's XXX selection—White, light and fancy colors, large flowering, mixed, 7 to 8-in., $3.00 per 100; $25.00 per 1000. 5 to 7-in., $2.50 per 100; $20.00 per 1000.
Chase & Sons, New London, Ohio.

Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.
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Gladiolus May, size 1 to 1⅜, fine for spring planting; also Groff's Hybrids, $5.00 1000. Cash.
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Our gladiolus bulbs are good. Try them.
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Alnus incana, 5 to 7 ft., $8.00 100. Baccharis halimifolia, 18 to 24 in., $5.00 100. Eleagnus hortensis, 4 to 5 ft., $10.00 100. Symphoricarpus racemosa, 3 to 4 ft., $5.00 100. Trade list ready.
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California poppy clumps golden yellow; hardy; better than any tulip and different from any other poppy; clumps, $2.00 doz.; $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.
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Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write
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Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
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Buxus sempervirens, pyramids and standards, $150.00 100. Lilacs, white and purple, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Floradale, Pa.

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Surplus shrubs cheap. Also a full assortment of trees and plants. Send for list.
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For your trees, shrubs, vines and small fruits, send to
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4,000,000 peach trees. June buds a specialty. Stock guaranteed true to name. Catalogue free.
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Amoor River Privet, 2 to 5 feet, fine, $15.00 per 1000. C. trifoliata seedlings, 1 year, 8 to 10 inches, $4.00 per 1000. Trifoliata seed, 50c per lb. by mail, or 40c by express.
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Grapes and plums very low to close.
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Heliotropes, 2-in. pots, $2.50 100, ready for 3-in.; rooted cuttings, $1.00 100. Cash.
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Heliotropes, 2¼-in. pots, $2.50 per 100. Rooted cuttings, $1.50 per 100. Cash.
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Heliotropes, dark; strong-rooted cuttings, 75c per 100. Cash with order, please.
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Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
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Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotrope Jersey Beauty, 2-in., $2.25 100. Cash. Converse Greenhouses, Webster, Mass.

Heliotropes, everblooming; R. C., $1.00 100.
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Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
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Hollyhocks. Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.
Send for catalogue of hollyhocks, dahlias, and hardy herbaceous plants.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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Calla lilies, 4-in., strong, ready for 5-in., $8.00 per 100. Cash.
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Good, healthy Harrisii lilies, out of 4-in., $12.50 100. J. T. Goodlive, Zanesville, O.

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Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
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The finest in the market for early forcing, $4.50 100; $12.00 1000; $30.000 per case of 2500. This stock is unsurpassed.
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Lily of the valley pips, the largest and finest imported. Special price.
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Cut lily of the valley of good quality always on hand.
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LOBELIAS Crystal Palace, erecta and trailing; strong plants ready to pot 75c per 100; $6.00 per 1000. Cash.
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Lobelia Emperor William, finest dwarf dark blue grown; strong, bushy, 2-in., $2.00 100.
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Madeira vine tubers, 25c doz., $1.50 100.
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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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Moonvines, white, blue, 2¼-in., 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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Washington navel oranges, specimen plants, 4 ft. high, $2.00 each. Cash or C. O. D. with privilege of examining. Express prepaid.
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ORCHIDS.

Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Latania borbonica, Areca lutescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited.
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Kentia Belmoreana, 2¼-in., 10 cts. each. Cocos Weddeliana, fine stock, 2¼-in., 10 cts.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Kentia Belmoreana, 3 and 4-in., 12½ and 25c.
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Palms and other decorative plants.
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Philadelphia-grown palms
Jos. Heacock, Wyncote, Pa.

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Pansies. Prize strain of Bugnot, Cassier and Odier, large plants once transplanted, 50c 100; $3.50 1000.
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Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansies, the very finest, $1.50 per 100.
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Pelargoniums our specialty. 3½ and 4-in., large plants, need 5 and 6-in. pots, 4 to 7 branches, fine stock for Easter, $12.00 per 100. 2½-in., $4.00 per 100. Ten best named varieties. Cash, please.
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Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please.
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Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargonium Lady Washington, 2¼-in., $3.00 per 100. Cash with order, please.
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Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
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Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
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DREER'S DOUBLE FRINGED PETUNIAS. 15 choicest varieties, 3-in. pots, 75c per doz., $6.00 per 100; the set of 15 varieties, for $1.00.
HENRY A. DREER, Philadelphia, Pa.

Petunias, best varieties in market, including largest white and Dreer's varieties, from soil, $1.75 per 100. Cash with order.
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Rooted cuttings of double petunias in 15 colors. The best of Dreer's set. Write for special prices.
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Petunia Kansas White, best dbl. white, 2¼-in., $2.00; rooted cuttings, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Double petunias, mostly pink; rooted cuttings, $1.00 per 100. Cash with order, please.
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Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Petunias, mixed var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Petunias, mixed var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

POINSETTIAS.

Strong, healthy, dormant stock plants.
1000 one-year-old .....$3.00 per 100
1000 two-year-old ..... 5.00 per 100
1000 three-year-old ..... 7.00 per 100
De Pew Brothers, Nyack, N. Y.

POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100.
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Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter. 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Primula obconica grandiflora, 2-in. in bloom to close out, $1.00 per 100. No order taken for less than 50. Cash.
Byer Bros., Chambersburg, Pa.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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Godfrey Aschmann, 1012 Ontario St., Phila.

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CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

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Rhododendrons, $90.00 and $150.00 100.
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R. C. at 50c per 100, blue lobelias. At 75c, coleus, verbenas, and dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, 3-in. Spreageri, 3-in. vincas and Boston runners. At $5.00 per 100, 350 1-yr.-old, Kaiserins.
J. A. WIBE, Box 125, Downers Grove, Ill.

Geranium Mme. Salleroi, $1.25; Happy Thought, $2.00. Impatiens Sultani, Anthemis coronaria, Metallica and Argenteo-guttata begonias, $2.00. Vinca var., fuchsias, best kinds, $1.25. Giant alyssum, 75c per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

Rooted cuttings of feverfew, Vinca var., coleus and German ivy, $1.00 100. Cash.
Converse Greenhouses, Webster, Mass.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.
Beauties, 2-in $5.00 100; $40.00 1000
Beauties, 3-in 6.00 100; 50.00 1000
Beauties, 4-in 7.50 100; 65.00 1000
Teas, 2-in 2.50 100; 20.00 1000
Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Rooted rose cuttings.

	100.	1000.		100.	1000.
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserins and Perles, $2.50 per 100.
Rose plants—Chateaay, 2½-in., $6.00 per 100, $50.00 per 1000.
Grafted rose plants, 2½-in., ready April 1—Liberty, $15.00 per 100; Brides and Bridesmaids, $12.00 per 100. Special rate by the 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Five of the newest and finest for winter forcing. You can try them with little expense; judge and convince yourself. Ideal (improved La France); Franz Deegen (yellow); Catherine Guillot (orange red); Ma Capucine (nearest to scarlet); Snowball (pure white). This collection of 10 plants each, out of 2-in. pots, 50 plants, $5.00.
Albert Knapper, Ambler, Pa.

Clothilde Soupert, Coquette des Blanches, Coquette des Alps, Gen. Jacqueminot, La France, Crimson Rambler, etc., fine 1 and 2-yr., field-grown, never forced, suitable for 5-in. pots, 7c; larger, for 6-in. pots, 12c; Crimson Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

American Beauty, 2½-in., $6.00 100; rooted cuttings, $3.00 100. Bride, Maid, Ivory, Gate, 2½-in., $3.00 100; rooted cuttings, $1.50 100. Perle, Kaiserin, Canadian Queen, 2½-in., $4.00 100; rooted cuttings, $2.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

American Beauty, plants grown for two years, will make fine pot plants for spring sale; no disease. Have to use bench for young stock. $6.00 100. Cash with order please.
Paterson Rose Co., Paterson, N. J.

ROOTED ROSE CUTTINGS. American Beauty, $3 50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write
Geo. A. Kahl, Pekin, Ill.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted, 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rooted rose cuttings of Bride, Maid, Golden Gate and Ivory, $1.50 per 100; $12.50 per 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000, 500 at 1000 rate.
Sinner Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and P. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted cuttings, Bride and Bridesmaid, $1.50 100; $15.00 1000. From carefully selected wood, and well-rooted.
L. B. Coddington, Murray Hill, N. J.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stocks, $12.00 to $15.00.
C. & G. L. Pennock, Lansdowne, Pa.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Rubbers, 20 and 25c each.
W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias. Bonfire, Silverpot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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CARNATIONS IN MINNESOTA.

Just outside the corporate limits of Minneapolis, on Nineteenth avenue north, is located the largest, one of the best equipped and most successful carnation establishments in the North Star state. Twelve years ago Reinhard Will, a German by birth and a florist by profession, purchased forty-six acres of land and erected two small greenhouses, in which he grew bedding plants. His boys grew to manhood and three years ago the first range of houses for carnations was erected, about 25,000 square feet of glass. Just after they were completed a hail storm destroyed more than half the glass. The range was immediately reglazed and the benches planted, fairly good success being achieved the first year. Last summer the place was more than doubled by the addition of another range of houses, containing about 35,000 square feet of glass.

Quite a number of varieties are grown, it being their policy to try the best offerings each year. About 50,000 plants were benched this year. In white, Gov. Wolcott, Peru and Queen Louise are grown, Peru showing the best returns so far. For an all around white variety it fills the bill. Wolcott is a good show variety but hardly as profitable as Peru. Queen Louise is a nice, well built flower, but so far has not been as prolific as Peru. Next season's planting will include several thousand Boston Market.

In dark pink Mrs. Lawson is grown very extensively, there being 10,000 plants benched this season. Guardian Angel is also grown extensively and has proven as profitable as any. One bench of Marquis is grown and seems to uphold its reputation in fine shape.

In light pink Enchantress is the leader and is being propagated extensively. Morning Glory has done well here, although it is of small size and not as profitable as Enchantress.

I forgot to mention in passing that Lawson will be grown entirely in pots this season. As its greatest growth comes late in the season and any severe disturbance of its root system, like transplanting from the field, checks its growth and causes short stems, consequently the pot method will be tried this season. Nelson Fisher may be planted another season, though Otto Will thinks it but little, if any, improvement over Lawson.

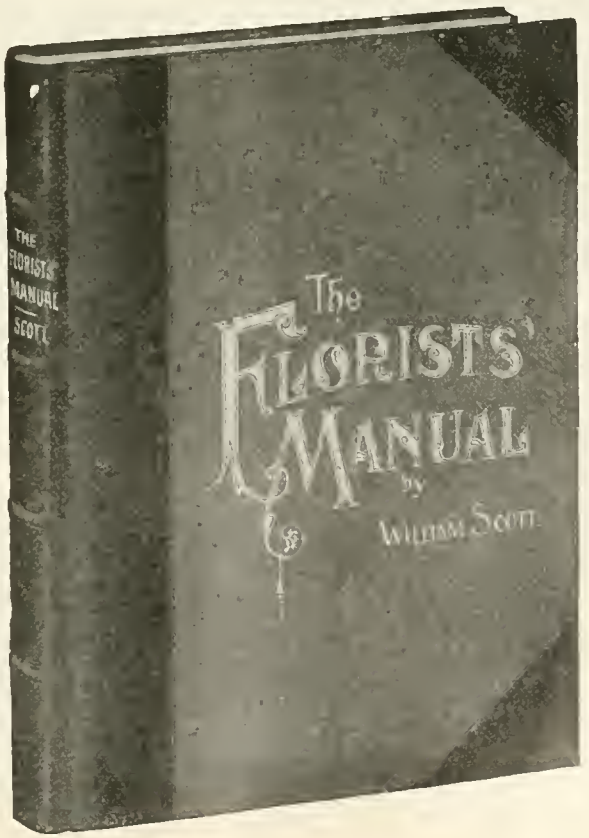
In scarlets, Crane, Chicago and Apollo are grown this year. Apollo is a handsome shade of color, but is too shy in flower to be profitable. Estelle is grown, but is too short stemmed and will be discarded. Flamingo will be grown next season and is considered a most valuable acquisition in its color. Harry Fenn is the only crimson grown.

The new range was completed rather late in the season and, as it was very wet at that time, soil had to be taken from the highest knolls on the place. This has not been conducive to the best growth. Two 25 horse-power high pressure boilers supply the establishment with heat. Water is pumped from a nearby stream. Iron posts and iron gutters are used in the construction of the houses, the drainage being carried inside. The Foley ventilator lift is used. The houses are on a southern slope.

Otto Will is the manager. The goods are all sold at wholesale in Minneapolis.

X. Y. Z.

I HAVE always found your paper a very good value for a dollar.—G. H. MILLS, Toronto, Ont.



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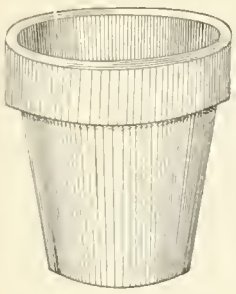

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A COIL HEATER.

I wish to ask a question with regard to a coil heater in a box stove twenty inches long. The coil is ¾-inch pipe, one coil of four pipes on the bottom and one on top. The cold water enters the bottom coil, goes to the top coil and then to the 1¼-inch coil under the propagating bed. Have air cocks in the flow pipe near the stove, at the highest point. It works, but not right; it is a regular kicker. There are no headers, but return elbows in the coil.

J. T.

I believe the trouble can be entirely overcome by using headers at each end of the coil, instead of return bends. The headers can be made up from 1-inch T's with ¾-inch center openings. The ¾-inch pipes used to make up the coils can be put together with long screws. The return from the coil under the bench should be taken into the lower header of the heating coil and the riser out of the header at the upper end of the heating coil. The circulation would also be quicker and the heating more efficient if headers were arranged at each end of the radiation coil under the bench, with the riser entering at the far end. This should also be the highest point in the system.

L. C. C.

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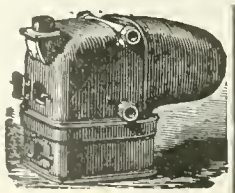

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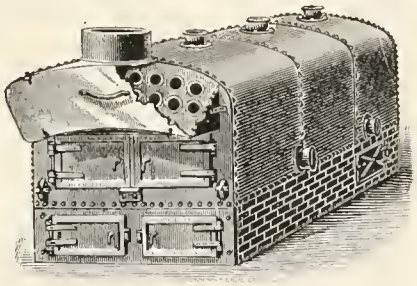

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520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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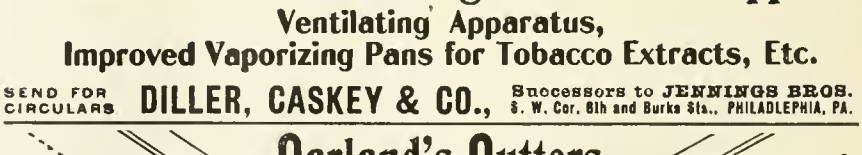

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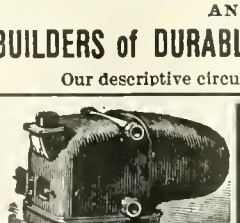

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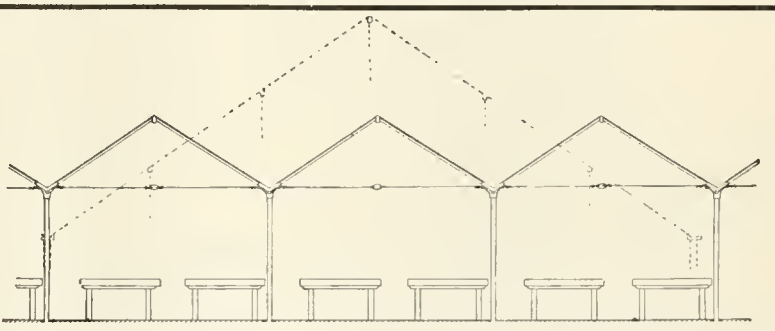

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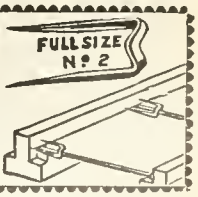

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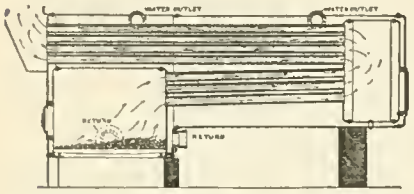

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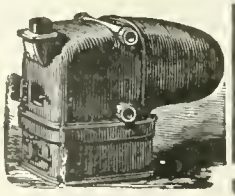
Quaker City Machine Works,
RICHMOND, IND.



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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, FEBRUARY 25, 1904. No. 326.

Watson B. M. 365 Jamaica Plain

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

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MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

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Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

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Carnation Number Next Week.

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MISCELLANEOUS SEASONABLE HINTS.

The Easter Stock.

Our Easter crops are now the absorbing subject of hand and brain, and how we would like to know what the weather is going to be in the long month of March! As little difference as the weather makes to some of our midwinter crops, it has all to do with most of the plants that we grow for the Easter sales.

The Lilies.

If you can count the buds in the crown of the Japan lilies by March 1 you will have no trouble in getting them in at a night temperature of 60 degrees, and some sunshine to help, which is due us in considerable quantities next month. If your lilies are earlier than this no harm is done, so don't get alarmed and move them to a cool house to retard them or they will just stand still. When the buds are turning white you can put them into a much cooler house, for when advanced to that stage they will open almost anywhere. I have noticed that the public knows enough to prefer some plants, an azalea, for instance, that is not so fully out. But a lily they want with every flower open, and with many people a fine plant with one expanded flower and "these four buds will all open, ma'am," don't go. After the buds are above the leaves there should be no further danger of trouble from aphis. A moderate fumigation on two successive nights each week will keep them clean.

The Roses.

Crimson Rambler roses should be just about showing the clusters of buds, and will be in time without any extra forcing. If you can get them in bloom in a night temperature of 55 degrees they are much better in color than when you have to give them 5 or 10 degrees higher, and this also applies to the hybrid perpetuals. Keep them cool if possible. Now here is a plant, above all a hybrid perpetual rose, in a 6-inch pot, that your customers don't want with all the buds out. No matter how attractive a few flowers of an Ulrich Brunner may be, every one knows how soon their petals drop, and unless there are buds yet to open they don't want your rose plant, so it takes some careful management to get them just right.

The Azaleas.

The azaleas are now one of our most important plants. Easter's early date will suit most of them better than if it were two weeks later. A few azaleas are selling all the time, and these you have had in a temperature of 55 to 60 degrees. But the main lot that you are growing for Easter has done well in a night temperature of 40 to 45 degrees. Now is the time to do the regulating and not wait till some varieties are in full bloom and others so backward that no amount of heat will open their buds. It is not necessary to mention varieties, because it is so easily observed at what stage of development the buds are. Here, however, are a few varieties of the condition of which I have just made note. That great favorite, Mme. Van der Cruyssen, will at about 45 degrees at night be about right, and so will Empress of India. Niobe is showing rather early and must be moved at once to some house where it can be kept at 38 to 40 degrees and shaded, and you know that if it went down to 35 no harm is done. Mme. C. Van Langenhove is too early, and so is that most densely flowered white, Sakuntala. De Schryveriana will also have to go to cooler quarters. Bernard Andre alba may need 55 degrees a little later, as it is rather backward, and so on. It is easy to see what they need, only don't wait till it is too late.

Many a patron is disappointed with an azalea. "It all wilted down; it must have been frozen in delivery," is the little song we often have to hear. It's nothing but want of water, and even greenhouse men, I notice, on some occasions don't realize how thoroughly they should be watered. Last fall's imported plants have made no roots into the soil that we rammed in around the ball of peat, and unless we get water into the old ball we are not watering the plant. On dull, cool days an azalea may not show that it is suffering, but some bright day in March will soon show your neglect; and if the plant is in flower great injury has been done.

The Dutch Bulbs.

In another column I promised an inquirer fuller particulars as to the number of days to give hyacinths, tulips and daffodils to be in flower for Easter. It's a simple subject, and yet it's not so easy to speak definitely about any number of days. There are several things to consider. Some twenty or more years ago, when rather new at the bulb business, Easter came on April 24 or 25, and along about the middle of the month we had a few days of midsummer heat. We had brought in our Tournesol and Murillo, as well as all the single tulips, daffodils and hyacinths, four weeks ahead of Easter. The result was sad. We resorted to sub-basements and cold frames with heavy shade, but to little purpose, for the honey bees hummed through the frames and we lost the greater part. The next year Easter was very early and the weather mostly cold and dull. Remembering our experience of the previous year, but without reasoning about the difference of dates, we allowed only two weeks to get our bulbs in, and that was nearly as big a failure, and instead of the cold frames and cool cellars we had to resort to the Russian bath method, and then only partially got there. I don't remember that we have missed it since.

The weather, whether cold and cloudy or bright and mild, will make a difference of five or six days. One other very important consideration is the fact that those who keep their flats of bulbs out of doors, covered with soil or tan bark and stable litter, have found that this arctic winter has frozen clear through all covering and into the soil of the flats. This has not hurt tulips, hyacinths or daffodils, but it has greatly retarded their growth, which means two or three days more under glass. After we chop out the flats it takes two days in a warm shed to thaw them out.

After March 1 these bulbs should not be forced in any hot box or warm, shaded bench. They should come along in full light, in any house where the night temperature is from 50 to 55 degrees, and they will be better in texture, color, form and, above all, stem, than those we had to force and shade earlier in the season.

Better be safe and, considering the earliness of Easter and the present condition of the bulbs, I would say give daffodils and single tulips twenty days on the bench, Dutch hyacinths about the same and double tulips three or four days more. There is no need to wait for getting in your bulbs just for these days; take advantage of a fine, warm day, even if it is a week earlier. In a cool shed or beneath a bench in a cool house they will make little progress.

Some years ago we depended for pans of tulips, daffodils and hyacinths entirely on those planted in pans in the fall and placed out of doors, as we do the flats, or perhaps in a frame a little better protected. There was always considerable breakage of pans and many pans would not be uniform in growth. For two or three years past we have made up these pans from the flats just about the time the flower is fully developed. If lifted out without losing much roots the flowers last equally as long, stand up as straight and are in every way as satisfactory as those grown in the pans. There is no fraud about this and you can "manufacture" a more perfect and prettier arrangement than you can get the old way, and save some losses.

WILLIAM SCOTT.

STOPPING GERANIUMS.

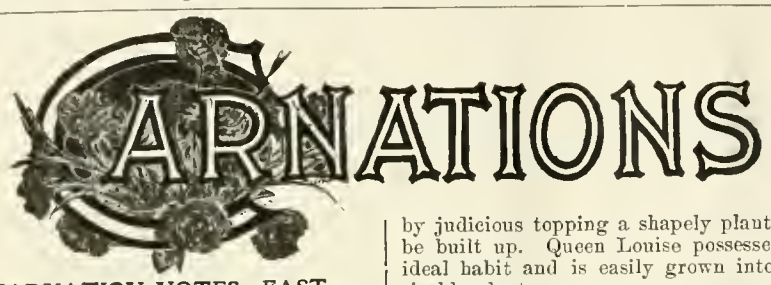
Will some one tell me through the columns of the REVIEW how to make my geraniums grow more stocky, instead of running up to single stem. I once read an article about topping. I tried it the last two years, but the most of them would throw out one side shoot and start heavenward again. Should the topping be done at shifting time or some time before, or after? Should they be cut back severely or just a little off the top?

J. N. S.

This very simple subject has been ventilated in the columns of the REVIEW "many a time and oft." If your plants were propagated in September or October and supposing you shifted them into a 3-inch at New Year's, then by February they should be pinched or stopped. The majority should give you a cutting and yet leave two or three eyes on the plant, which if given daylight and not crowded will always break and make a stocky plant. If you don't desire the cutting, or the plant is not large enough, then just pinch out the top and you will have the same bushy plant. Stopping or pinching out the top should not be done at the time of potting. Let them be in active root growth when that is done. If J. N. S. will refer to the REVIEW of February 11 he will see this very subject treated of at some length.

I will just add that the zonale geranium, perhaps our most important summer flowering garden plant, is such an accommodating, free growing plant that it is abused and in many plant manufacturing establishments it is entirely quantity, not quality, that is sought. In one place you will see the lifted stock plants along the side of a walk on the ground; in another place you will see cuttings stuck in the sand as thick as the proverbial hair on a dog's back, crowded so that neither light nor air can penetrate between them, and if you are guileless enough to buy a thousand of these plants at some seemingly low figure, you will find they are worthless for any bedding purpose that year, but may do to plant out for getting a few cuttings off of the following fall. Bench room is what counts in our business and a geranium can't be sold cheap, for it takes room to grow it.

W. S.



CARNATION NOTES—EAST.

Topping Young Stock.

Young stock will soon need attention in the way of topping and the future habit of the plant will depend much on the manner in which this operation is done. Every variety has its own peculiar habit, and if left to itself the general disposition will be to produce plants of undesirable shape, consequently a constant watch must be kept on the stock in order that some plants may not outgrow others and get beyond control, for in spite of our plan to set plants of one size together we find a certain proportion grow more rapidly than others.

I would not advise pulling out the center shoot when topping, as there is danger of moisture collecting in the heart of the plant, which is apt to result in decay. Let the plants get to that height where the stem can be seen between the joints, then with a sharp knife make a clean cut, leaving from four to six joints above the soil, according to the natural habit of the variety.

I would lay particular stress on the advisability of using a sharp knife in all operations concerning the trimming of carnations. Wounds made by careless breaking or pinching off are slow to heal and many times offer a means for lurking diseases to gain a footbold.

You will notice a great difference in the natural growth of the different varieties and it is by close observance of this difference that we are able to maintain a bushy habit in every sort. White Cloud, for instance, is of sprawly growth, but by judicious topping a shapely plant can be built up. Queen Louise possesses an ideal habit and is easily grown into desirable plants.

All varieties tend to draw up somewhat under glass, but in the field take on a more compact habit. A great deal depends, too, on the general make-up of the cutting as to the future shapeliness of the plant, long jointed ones being almost sure to tax the patience of the grower in his desire to obtain stocky plants. A little extra attention now will not be regretted later.

Geo. S. Osborn.

SOIL AND TEMPERATURE.

We wish to know what soil is used and what night temperature is maintained through the flowering season for best results with the following carnations: Mrs. Lawson, Enchantress, Prosperity, Gov. Roosevelt, Mrs. Palmer, Adonis, Genevieve Lord, Morning Glory, Flora Hill, Norway, White Cloud, Wolcott and Her Majesty.

J. C. F.

You can divide the list of varieties you ask about into two classes and suit them all pretty well. That is, of course, providing you have a fairly heavy soil of average fertility. I would grow Enchantress, Gov. Roosevelt, Mrs. Palmer, Adonis, Genevieve Lord, Morning Glory, White Cloud and Her Majesty in 50 to 52 degrees at night and I would raise the temperature about 5 degrees for Mrs. Lawson, Flora Hill, Norway and Wolcott. I understand Prosperity wants to be kept just about between the two, say about 52 to 54 degrees. The cool end of the warm section or the warm end of the cool section would be the place for it. Try a few Norway in the cooler section, too.

A. F. J. Baur.

CARNATION GOV. WOLCOTT.

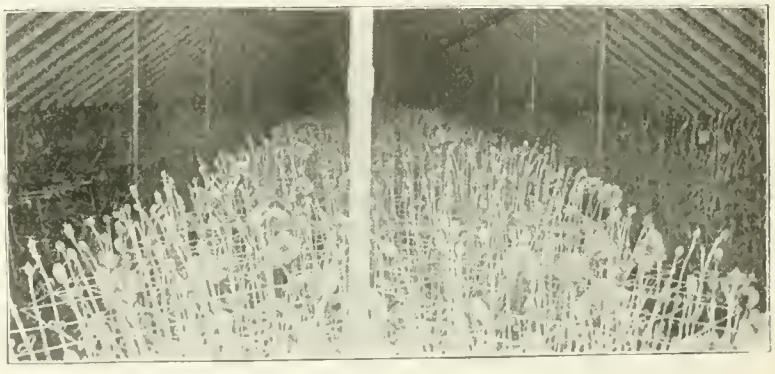
We wish to add a good word for Carnation Gov. Wolcott; to prove what we say we send herewith a photograph of our patch, a flashlight, taken February 1. Alongside of Norway, Queen Louise, Flora Hill, Innocence, Her Majesty, Lorna and White Cloud, it is in every way by far the best white with us. It is more productive, has longer, stiffer stems, larger flowers, finer form, pure color, is a grand keeper and leaves nothing to be desired. When comparing the illustration with others, bear in mind that between December 1 and January 1 every available shoot on the plants was used for propagating.

We also send a photograph of a bench of Lawson in the same house, which is the best we ever had it. By actual count, if we had only Lawson and Wolcott in the house, we would cut six times as many flowers as we do now, not to mention quality or value.

Both Lawson and Wolcott are remarkably even, averaging three and a half inches in diameter, on long stiff stems. Other varieties in the house are lacking in some essential. Mermaid has no stiffness; Innocence, no constitution; Norway, too slow to bloom although a giant in growth. Compared with Norway, Wolcott will make a flower in half the time.

There are about twenty varieties in the house, the main object being cuttings for plants for our catalogue trade. The plants were benched August 16 and were very small, the summer being so dry, the cuttings propagated late and, planted out late, June 1. Every flowering shoot was stopped up to October 10 on all varieties, it being the desire to get early cuttings. Between October 10 and December 1 the shoots were

A Bench of Carnation Gov. Wolcott, Grown by the Livingston Seed Co.



A Bench of Mrs. Lawson Grown by the Livingston Seed Co.

Carnation Night at the New York Florists' Club.

allowed to form flowers; after December 1 everything available was used for propagating.

Interesting is the record of time made by varieties coming into bloom. First was Wolcott, then Manley, Dorothy, Joost, Flora Hill, Harry Fenn, Crane, Adonis, Cressbrook, Queen Louise, Roosevelt, Lawson, Mermaid, Golden Beauty, Innocence, Her Majesty and Harlowarden, with Norway last. Wolcott bloomed December 10, the rest following in succession as above, Lawson being in about January 15 and Norway February 10. Accordingly it would take Wolcott two months, Lawson three and Norway four months to come into flower.

The house was run in the fall 52 degrees at night and after January 1, 55 degrees. No tobacco smoke or insecticide of any kind has been used in this house and the plants are today as clean as one could wish.

FRED WINDMILLER.

NOTES ON VARIETIES.

The following notes on commercial varieties will be found of interest at this time, when planting plans are being prepared for next season.

C. W. Ward, Queens, N. Y.

White Cloud and Flora Hill have not been grown here for several years. Norway was of no use with us. Wolcott bursts badly. Peru we never grew. Queen Louise does not ship well. Her Majesty was not good. Lillian Pond we did not try. Mackinac is all right, Lorna good and Gov. Lowndes fair.

In light pink Morning Glory is ancient history; Higinbotham of no use to us, but Enchantress is fine. We also grow Mrs. Thayer, which is all right, and Alpine Glow good.

In reds, Estelle did not do well with us. Adonis needs another trial. Crane is discarded, also Roosevelt, for new sorts. Palmer did not do well for us. Harlowarden is in a color where we have our own seedlings. We grow Harry Fenn, Octoroon and President. In scarlet we have Christmas Eve and Gov. Bliss.

In dark pink Lawson is all right. Nelson and Cressbrook did not prove of commercial value. Joost was long since discarded. Guardian Angel we did not try. Ethel Ward is all right, Floriana good and Mrs. Roosevelt fair.

Prosperity is all right. So are Judge Hinsdale and Mrs. Patten. Sensation is good. Stella did not do. Bradt is past history. In yellow Golden Eagle is all right, Gloriosum good and Golden Beauty poor.

E. G. Hill Co., Richmond, Ind.

Wolcott is the finest white on the place at present writing; all that could be desired this year; does best in 56 degrees. Flora Hill is the best white for early, late and midsummer; failure in midwinter. Lillian Pond was very slow in getting into condition after housing; very prolific, but inclined to burst during dark weather. Her Majesty does fairly well with us, but Queen Louise does not and White Cloud and Norway do not seem to like our soil. Peru has been discarded. Glacier is fine for side benches. Gov. Lowndes is promising; extremely large and getting into magnificent condition; shall watch carefully throughout the season.

Lawson is the finest carnation to date, but Nelson we consider an extra good pink. Joost we find still in heavy demand. Floriana is an excellent general purpose pink. Everybody likes Enchantress for light.

Estelle is a grand variety; every grower should study its requirements. Adonis is doing extra well this year; unquestionably the finest scarlet. Crane is still one of the best. Gov. Roosevelt is excellent and Harlowarden very good indeed, but Harry Fenn is the best of all the crimsons.

Prosperity is fine, but expensive to grow. Bradt is largely discarded.

H. Weber & Sons, Oakland, Md.

Mrs. Lawson we consider peerless in its color. Mrs. Nelson is a good producer of good, average grade flowers. Mrs. Joost was long since discarded on account of stem-rot. Cressbrook is a very free winter bloomer, but it begins business too late and stops too soon. Enchantress is a free producer for its size; a marvel, but does not hold its color any too well and might be a little better keeper. Neither Morning Glory nor Mrs. Higinbotham have been grown in sufficient quantity to warrant a verdict. For a popular shade of pink our own Genevieve Lord excels all other varieties with us, being very productive, a good seller and an ideal shipper and keeper. President McKinley is expected to do better next season. It is a good producer. Mrs. Roosevelt is a very fine color, but not free enough. Sybil is affected by stem-rot, makes too much grass and is not large enough, but it is a fine color. Fragrance has plenty of that rich, spicy odor, is of good size, but not especially free; it is affected with stem-rot. Success is not a success with us; color fine but bloom much too small. Enquirer is large, fine color, but a poor keeper and bursts; not profitable. New Daybreak is a large-sized commercial bloom, holding its color and productiveness well into the summer.

We have discarded White Cloud, Flora Hill and Queen Louise. Norway is our all around white; free, large blooms, fine constitution, extra fine keeper and shipper. Wolcott is good, but must be grown warm or will split. Lillian Pond has produced some very fine blooms of very pure color, but is affected with stem-rot and splits badly; not especially free. Gov. Lowndes is the finest white we have ever seen and had it a constitution like Norway or Lawson it would be in a class all by itself; with careful selection we expect extra fine results. Lorna is a good flower, but not profitable with us. White Bradt is recommended to those who grow Bradt successfully.

Adonis, all things considered, we think easily the finest scarlet; has enough "go" in it to make it profitable; we expect much improvement in

it next year and shall plant more. Estelle holds the banner as the best paying commercial scarlet; not a fancy variety, but an up-to-date commercial one. We have discarded Harry Fenn, Crane, America, Palmer and Roosevelt and shall drop Apollo. Harlowarden is the finest crimson we have ever grown and profitable.

Prosperity is the American Beauty of the carnation world, free for its size and profitable. Mrs. Bradt is still the best red and white variegated. We are not satisfied with Marshall Field thus far, but it may do better next year.

We still grow some of the old Buttercup, hoping that through crossing we may be able to transmit some of its matchless color to a larger flower. Gold Nugget is a good, large yellow, if grown warm enough.

J. A. Valentine, Denver, Colo.

Wolcott is a fine flower, a free bloomer and good keeper, but splits considerably. This latter does not count for much with a grower who sells at retail, but makes it bad for one who sells only at wholesale. We shall grow it heavily the coming season. As done by Benson, of this city, Norway is the best and most profitable white in this market; with others it does not do so well; we shall drop it. Her Majesty is a free bloomer, but not extra quality as grown here; not a good keeper. Have not grown Queen Louise ourselves, but one or two growers here seem to find it a money maker; it is not a fancy. Flora Hill has been pretty generally discarded and have dropped White Cloud; stock seems to deteriorate except in very skillful hands.

Lawson leaves much to be desired in stem and uniformity of color, but it is free and so far nothing in dark pink can take its place. Mrs. Nelson has done reasonably well with other growers here, but cannot be called a fancy.

Morning Glory is small, unhealthy and generally worthless in this climate. On the other hand Enchantress is the best that ever came over the pike; large flower, good stem and calyx, easy to do and very free.

Estelle has been thoroughly tested here and discarded. Adonis has fine color; flower of fair size, but not extra; seems to be improving and may show better results next season. Crane is not satisfactory, but will be grown until some more profitable scarlet can be found. Harlowarden leaves nothing to be desired where one needs a crimson; stem and flower are both excellent and it is very free.

The more we see of Prosperity the better we like it. It is not an easy one to do well, but when its peculiarities are known it can be made profitable if there is a market for it at a fancy price. Stella seems to be the best of its class so far; bloom good size, stem good and flowers freely produced. Bradt has been discarded, flower good but stem too weak to support it. Dorothy Whitney is a profitable yellow.

J. W. Dunford, Clayton, Mo.

Flora Hill is only useful for summer blooming; we have several better whites for winter. White Cloud is still a good one four months in the winter, but Lorna is better. Norway is one of the healthiest and best carnations we know, our best commercial white, but no good in summer. Wolcott is a fine flower, but splits badly with us and seems to be a cropper; worth further trial. Queen Louise is the best all-the-year-around white; no carnation blooms more freely than this. Alba is too slow; shall drop it.

We discarded Morning Glory long ago; poor grower, subject to stem-rot. We like Higinbotham much better this year than last, but it will have to give way to Enchantress, which is proving to be all that was claimed for it, a rather unique distinction.

Estelle is the best red except Adonis; must be planted early to get good stems; many of the flowers come single. The stock of Adonis was exceptionally poor when we got it and did poorly in the field, but it seems to have a vigorous constitution. Roosevelt is good, but superseded by Harry Fenn, which is better in almost every point. Shall have to discard Crane; always off crop when flowers bring the most money and very subject to stem-rot. Palmer will also be dropped. Manley is a good red, but must be planted early. America is a cropper; will discard. Apollo has all the faults of Crane.

Lawson is a hard variety to beat in its color; needs to be planted early to get good stems; stem too stiff for an artistic looking flower. Nelson gives but few flowers in midwinter if not handled properly. Joost is still a standard in its color, but very subject to the dry rot. Shall discard Cressbrook; very poor with us. Old Scott is still a good one for summer, one of the best, with Crocker and Dorothy. Lord is a good one for a shady bench. Enquirer is slow and splits badly.

Prosperity is the only one in its class, but is hardly free enough. Could do nothing with Bradt; threw it out several years ago. Stella is better; shall give it another year's trial. Gaiety is slow and a cropper. Dorothy Whitney is a good yellow.

VARIETIES FOR FLORIDA.

I wish you would give us the names of the three best carnations for Florida. We have some warm days and cool nights, but the average is about 40 at night and 70 degrees in the daytime. The night temperature we can raise very easily, but the day temperature we have no control over. I have not grown carnations; all our space is given to roses. But as there is a demand for them, I want to try a few. Our trade calls for the best and the heavy crop is wanted between January 10 and April 10.

H. V. B.

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I would advise you to try more than one variety of each color, as you will have to experiment a little with several varieties before you can find which ones are best suited to your climate, etc. I have never been in Florida, and so I cannot say with certainty that a certain variety will be the one for you to grow. I can only suggest to you a few varieties which I think will be more likely to thrive in your climate than others. I imagine that those varieties requiring a higher temperature than the average would be the ones for you to take up, but I would try many others in a limited way. For white I would recommend Flora Hill as the best warm weather white on the market, and Gov. Wolcott will likely prove a good one for you. Also try a few of Her Majesty. In pink I would recommend Ethel Crocker and Mrs. Lawson, both of which want warm night temperatures. In red G. H. Crane and America would likely be the best, but I would advise you to try a few Estelle. These are all good varieties and any one of them is liable to prove superior to all others under your climatic conditions.

A. F. J. Baur.

THRIPS.

Please tell me what is wrong with my White Cloud? I send some sample blooms and you will see that they are useless. Half the flowers are like this. The temperature is 52 degrees, pipes under the benches. Have fed with liquid manure and given a little lime at times. In the same house are Crane, Prosperity and Lawson doing all right under the same treatment.

J. R. E.

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The White Cloud carnation blooms came in good condition and showed plainly what is causing your trouble. In the half-open blooms I found several thrips, and that is what is doing the damage. Just why they are attacking the White Cloud and not the others I cannot say, except that, like many other pests, they have their preference, and White Cloud is one of their favorites. Take any bud that is about to unfold its petals and pull the petals apart and look for a tiny creature from one-sixteenth to one-eighth of an inch long and about one-quarter as thick. The color varies from a light yellow to a dark brown, according to their age. They are quite lively and you will have to look well to find them. They may be on your other varieties, too, without your knowledge, as the Lawson and Crane would not show the effects in quite the same way. On most of the red varieties and on Lawson they cause white specks along the edge of the petals instead of brown, as you see on White Cloud and all other whites. The feeding would not be likely to cause any such effect.

The remedy for this pest is tobacco in any form you may wish to apply it, and in addition to the tobacco it takes perseverance. While they are between the petals of a bud you cannot reach them, but when the bud opens they will be exposed and then is when you should be after them. Smoking every evening for a couple of weeks will likely rid the place of them, and it is a good idea to dust the plants well with tobacco dust. Get rid of them before warm weather, else you will not pick a salable bloom from the beginning of warm weather on.

A. F. J. Baur.

VARIETIES FOR BEGINNERS.

What varieties of carnations would you advise a beginner to grow for a retail trade? Have a house 15x60 and would want one-third white and two-thirds pink, the season being from November to June. How many flowers per week would be a fair crop from this space?

G. J. S.

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Since you have only one house in which to plant all your carnations, you should select varieties which need about the same treatment and temperature. Although this will prevent you from planting a few of the best paying varieties, you will be better off in the end. In white I would try Flora Hill, Queen Louise and Her Majesty. In pink I would try Mrs. F. Joost, Floriana, Mrs.

E. A. Nelson and Dorothy. All these varieties are good bloomers and of average quality. It would be hard to give a fair estimate of how many you ought to pick each week from such a house. So many different things would have more or less bearing on the results that I would not like to make an estimate. It would also be wrong to expect the same quantity each week through the season, as some weeks when the weather is bad you may not pick a hundred blooms, while other weeks during a fine spell you may pick a thousand or more toward spring.

A. F. J. BAUR.

THE RETAIL FLORIST.....

HOW TO HANDLE CUSTOMERS.

[A paper by J. A. E. Haugh, of Anderson, read before the State Florists' Association of Indiana.]

A florist without customers would be like a river without water and as the buyer is a prime factor in our trade, it may not be idle to turn our thoughts to some of the fancies and ways of this often shy being and to describe some of the baits that may lure him to our desires. Do not hope to hear anything new, but a mere rehearsal of what has long been known is frequently of benefit.

First of all, fair and honest treatment to all, and the same to all, is an invariable practice to follow; other things are niceties which, while valuable are not the most important.

Keep an Attractive Store.

Too much emphasis cannot be laid on having the greenhouses bright and attractive. Dirt, litter and disorder will not help sales. A frequent change in the arrangement of the salesroom and houses is valuable. Novelties in plants or supplies help to win visitors. Nothing takes the eye like something new or strange and it pays to always keep a few rarities in stock although the direct benefit be not noticeable; and especially is this so in smaller towns, which have but few attractions to beckon the citizen with an idle hour.

Nothing, we think, helps sales more than the knowledge that the greenhouse is always open to visitors in all its parts, irrespective of intention to purchase. Our practice is to welcome each person with genial courtesy upon his entrance, learn if he has any wants and if not cordially invite him to view the entire place and make it plain that we will cheerfully give any information about plants or flowers the visitor may desire. Or, if a purchaser, after having seen to his business, we ask him also to take a look through the houses. On departure, be he purchaser or not, we extend to him a hearty invitation to visit us again and bring any of his friends he may desire. We believe it poor policy to urge a visitor to buy and often have our reward by unexpected sales. We find it a good advertisement to give a flower for the visitor to keep or give to a friend, but in this one must use discretion.

Guide to Good Selection.

Often it is well to guide the ideas of a customer for his own benefit. An outlandish funeral offering may be modified to something more in keeping with the occasion by a little judicious advice. The ire of a patron who learns that he has unknowingly been permitted to make a mistake against good taste is not desirable. If one finds the wishes of the buyer positive along a certain line, make every effort to meet his ideas and without leaving the impression that you think he has made a mistake by not following your advice.

Giving a little better than is expected is a good rule, but here again you must use discretion. If roses or carnations are ordered and you desire to put in extras of the same kind as sold, better put in the same grade as those purchased. Before we learned this we had several unpleasant experiences with patrons who had received half a dozen extra flowers of second quality added to the full number of those bought. The angry buyer would inquire why such flowers had been sent when the best had been paid for and would be much chagrined on learning that if he had taken time to count the flowers he would not have reproved us when a favor had really been conferred; it does not always leave the apologizing customer in the sweetest frame of mind.

A rather difficult proposition to meet, is the one where you are asked the price per dozen of certain flowers and are then requested to make an arrangement of several dozen, with the expectation that the cost will be that of the flowers only, leaving out of consideration time and material used. One way to do this is to openly inform your party that you have to make a small extra charge for this, or you can ask how much they desire to put into their offering and thus get them onto the proper basis. In the case of rose bouquets the difference in price between the best and the second grade ordinarily used in bouquets and with just as good effect, sufficiently remunerates the florist for the work of making up, but I believe the first method is the best in dealing with this dilemma.

Send Neat Packages.

Neat and careful packing cannot be too highly insisted upon. Broken buds, bruised carnations and slovenly packages are but poor recommendations for trade, and especially where a gift has been intended. Do nothing to detract from the beauty of the flowers or to shame the donor. We have often been complimented for the very dainty appearance of a really cheap box of flowers, but made attractive by special arrangement of little odds and ends and neatly wrapped and tied. We have seen packages sent from first-class growers that were a disgrace to the concern sending them out and the value in time and paper saved by an overly thrifty man can be more than lost through the feeling of an irate buyer who wonders how low he is rated by the florist who dares to send him so poor an example of thoughtfulness.

Potted plants should always be free of dirt, dead leaves, etc., the soil properly moistened and if a costly plant, especially if intended as a gift, it should often be dressed with crepe paper, ribbon, etc., before delivery. We believe it best to volunteer information about some dainty but delicate plant to an unwitting intending purchaser, for while that sale may not be made, the confidence instilled in his mind will not be unrewarded.

Delivery should always be prompt, but here a little discreet inquiry may save a long special run when it is developed that the buyer's train will depart four or five hours later than the designated

Echinopsis Mulleri Bordering a Walk at Los Angeles, Cal.

time, or that the dozen carnations ordered for the morning are to be used for a six o'clock dinner.

The Matter of Discounts.

One of the odd propositions is that of the customer who, in view of the fact that she (it is always she) buys all her flowers from you, possibly $3 or $4 a year, should have a deduction from your price. Never do it. Let her know tactfully but firmly that you have one price for everyone and that it is as low as good business will justify. A firm yet respectful stand will not injure you, as the individual unquestionably is one who has the habit of depreciating prices and will have more respect for you when she learns you are the same to all. Moreover, if you should yield it will leave her with the haunting fear that you still got the best of her.

To the same category belongs the request to cut prices on work for some lodge or church. I say most emphatically, don't do it. First, flowers are not a necessity and most assuredly an organization can better afford to pay for luxuries than the individual. If you do it once the next time they expect more and there will be no end to the demands, and a suspicion will remain that, as you have made deductions in one sale, your general prices are exorbitant. Give first class work invariably and have a fixed charge, and don't let the idea get out from your very charities that you are a robber in general as it is past human nature to expect the belief that you lose money even at the cut price.

If a customer asks you to express him C. O. D. always do it. He will not be offended and your failure to do so to save him return and collection charges may leave you with an uncollectable account. Several unpleasant experiences have impressed this upon my mind.

Getting the Cash.

How to treat the bereaved stranger or the party with known shady financial reputation is often a delicate question. Usually we have found that such people have the honor to pay for funeral flowers although their grocer may suffer. My own habit is to ask if they desire to pay cash, so that they may be properly credited on the order sheet, as I am careful to explain. We never intrude the bill with the flowers at the home, yet have the delivery man prepared with proper receipt if asked for at the house. In case the request has been made that the bill come with the designs we have the purchaser unobtrusively called to one side and an opportunity furnished him to pay. We believe that the bill should be presented in all cases if so requested. A failure, from oversight or delicacy, to do so, has long delayed and even lost us some accounts.

Short accounts make long friends. When flowers are sent to the purchaser it is a good policy to mark the price on the package and give the delivery man change. We keep a purse of $5 always ready. Let the purchaser have a chance to pay cash and thus save booking and a running account. A monthly collection should be made of all accounts, when possible, and I need not say great discretion must be used in collections. I have found the husband often angry if he gets the family statement. In other cases it is the wife who is indignant. These little idiosyncrasies have to be remembered. In other cases the patron thinks he paid when giving his order. This may have been given by telephone and a memorandum to that effect, such as we use, is of benefit. If the customer is an honorable man and honestly believes the bill settled, it is better to pocket the loss, although you know it has not been settled.

The Unreasonable Customer.

Do not be overly worried by an unreasonable customer when you know you are in the right; treat his statements with cool temper and respect and nine times out of ten you will have a renewal of his trade. Be quick to acknowledge and amend your mistakes, for you will make them. An honest confession will benefit and raise you in your patron's estimation. But manly dignity and self-respect should not permit you to cringe to the blusterings of anyone, provided you are in the right.

Many other points might be produced, showing how best to maintain friendly and profitable relations with the buying public, but the ones mentioned seem to me to be of great importance and, while the views here expressed may not be that of all those present, yet I believe in the main you will agree with me in this presentation.

TRADE OUTLOOK GOOD.

R. G. Dun & Co., in its weekly review of trade, says that inclement weather alone prevents a definite revival of business. With wheat commanding present prices and other produce sharing in the advance, the gratifying measure of added prosperity means much to the agricultural classes and provides a healthful stimulus to general business. The movement of merchandise increased during the week, buying became more active in the jobbing lines, and retail trade has shown increased activity.

TUBEROUS ROOTED BEGONIAS.

Will you please tell me through the Review how long it takes tuberons rooted begonias to flower after planted and also if they should be kept in the dark while growing. J. W.

The time it will take to bring these begonias into flower will depend on what month they are started. If started in January they might not flower before May. If started as late as early April they can be had in flower by June 1. They by no means should be kept in the dark. This begonia is not a bulb, like a tulip or hyacinth, but is a corm and will make a leaf growth almost directly after it begins to make roots.

If you want them to sell as pot plants for house or conservatory you can start them now. Either place the corms two inches apart in flats containing three inches of light soil (a mixture of light loam and leaf mold) or put them singly in 3-inch pots. Let the top of the corm be even with or very slightly below the surface of the soil. Water once and keep the soil rather on the dry side until leaf growth appears, after which they should never be allowed to get dry. When well rooted in the 3-inch pots shift into their flowering pot a 5, 6 or 7-inch, according to size of the corm and vigor of growth. Those in the flats, after they have made a leaf or two, can be lifted out and put into 4-inch and later shifted on.

Few people favor these begonias as summer bedding plants, but nevertheless the writer has seen beds of them in our parks that surpassed for brilliance and richness the most glaring bed of zonale geraniums. For bedding I would not start them till April 1 and then in flats, putting them about May 1 into 4-inch pots and then plunging them in a mild hotbed where for a week or two you can expose them to the full sun and air before planting out, or protect them from a late frost. For a bedding plant you don't want a large greenhouse-grown plant. W. S.

CALANTHES.

I consider myself under an obligation to W. N. Craig for the very courteous and at the same time emphatic way in which he corrects me in my error anent the cultivation of calanthes. I consider it a compliment that such an eminent orchidist and all-round good gardener as Mr. Craig reads my notes at all, but to the fact that he does we are indebted for his timely corrections of a careless piece of writing. As he "read with special interest" the notes on other orchids and up to date has made no criticism, let us fervently hope that on the cattleyas and others I made no serious mistake. Mr. Craig has got me cornered and I am not going to squirm out of it by saying that I was misquoted. I wrote just as it was printed. I had been very careful what I said about the cattleyas, cypripediums, etc., and with a few moments to go to mail I hurriedly wrote the few notes on the calanthe. Some fifteen years ago we had a few dozen of these pretty orchids, but do not think them very desirable for the commercial florist. Since Mr. Craig has called me down I have had a chat with two men who are both well posted on all familiar orchids, and this is what they say and it substantially agrees with Mr. Craig.

"After the flower is cut or gone the plant is at rest and should be kept perfectly dry till it starts to make new growths, which may be in March or it may be April. Then pot them and encourage growth during summer and fall, say till October, when for a month or so they can be kept rather on the dry side, or till the flower spike appears. This "dry side" must by no means be anything like the perfectly dormant state that is proper for them after flowering, but merely a little less moisture than you gave them when they were growing fast during the summer. Liquid manure is of great benefit to them and the time to apply it is, of course, during the summer months, when they are making the most active growth."

I am sorry to disappoint Mr. Craig, but I have discovered no new method of culture and will therefore have to creep about on the surface of the earth and forego the honor of being hoisted up aloft on a pinnacle. When wireless telegraphy is more perfected I shall call up Mr. Craig whenever I feel any doubts on a subject and, as above said, I am really glad that he corrected me. We all can stand it. It makes us careful and wiser, and in conclusion will say again, thanks. Under separate cover I have forwarded to Mr. Craig one-quarter of a pound of radium. Keep it in the odontoglossum house or some cool place.

William Scott.

Des Moines, Ia.—I. W. Lozier, the veteran florist, is dead.

YOUNG ROSE STOCK.

Can I keep my rose plants growing by shifting them regularly, or whenever they need it? I am building a house, but cannot get it up before July 1. Can I keep the plants in the carnation house until the rose house is ready?
L. H. W.

The young stock can be kept growing and in perfect condition till July by giving the plants half-inch shifts when necessary and never allowing them to become pot-bound, particularly after hot weather commences. For best results the temperature should not be allowed to drop below 55 degrees, which may in the meantime be a little high for carnations. Day temperature should be at least 70 degrees during sunshine.
RIBES.

VALUES OF FERTILIZERS.

What is the relative value of sheep manure at $28 per ton and cow manure at $2 per ton? I would like to know what would be the most profitable to use at above prices for either garden or greenhouse?
S. S. P.

From experiments conducted by M. Schubler, a noted French agriculturist, and others, the following results were obtained: If a given area of land planted with seed without using manure yields nine times the quantity of seed employed, the same area, if cow manure is used, will yield twenty-one times, and if sheep manure is used the yield will be thirty-six times the quantity used.

Of course a good deal depends on the quality of manure used, which is in a great measure regulated by the class of food given to the stock and by the after care of the manure. Also it must be taken into consideration that when manure is used on the farm little danger is to be apprehended from excess of gases released during decomposition, whereas in a greenhouse these gases accumulate and often have a very deleterious effect on the foliage.

For economy, safety and satisfactory results in the greenhouse cow manure is best, and unless for some special crops it is also better, and at the prices stated more economical for the garden also.
RIBES.

DUTCH BULBS.

Will you kindly give me some information regarding forcing daffodils, hyacinths and tulips for Easter in a house of 50 degrees at night and 70 in the daytime. This is my first year in the business and I would like to know when to bring them in. I am a subscriber to your paper and have gotten some very valuable information from it. Kindly let me know so I will not get them in too late. L. S.

This has often been written up in the columns of the REVIEW, yet as the date of Easter varies so greatly and our fickle climate changes her mood without our orders, there is no definite number of days to allow for these bulbs to be brought into flower. As I intend to comment on this subject under the head of Miscellaneous Seasonable Hints for this week, I will refer L. S. to those notes and will simply say that Easter being so early there is not much danger of your being too early if you give all these bulbs from twenty-five to twenty-eight days in your night temperature of 50 degrees. For a fuller answer to the question "to the best of my ability" look to another column.
W. S.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

John Cook, Baltimore, Md., submits for registration two seedling roses, described as follows:

Cardinal, a cross between Liberty and an unnamed seedling; color, crimson maroon; growth very strong; flowers large, full double and deliciously fragrant; a continuous bloomer.

Enchantress, a cross between Mme. Carolino Testout and an unnamed seedling; color pink; growth rapid and continuous, never resting and flowering at every shoot.
WM. J. STEWART, Secy.

CARNATIONS REGISTERED.

Jerome A. Suydam, Flatbush, N. Y., registers Alarm, pure white, without any tint of color at any season of the year; a cross between Flora Hill and Daybreak, in size three and one-half inches, on an excellent stem, well formed flowers and nicely fringed.

There will be a number of new candidates at Detroit March 2, and any grower who wants to get some idea of the novelties should attend the meeting. There are plenty of good hotels. Nothing has been said about any certain one, but it is likely that the Cadillac will be a sort of headquarters. There will be a committee having this matter in charge and they can help all arrivals out, both on hotel matters and how to get to the meeting hall.
ALBERT M. HERR, Secy.

CHICAGO.

The Market.

A few days of bright and warmer weather have been felt in increasing receipts in the market and by Saturday of last week there was a small accumulation, even in roses, something which has not been seen for many weeks. But Monday saw a brisk shipping demand and everything was cleaned up. Tuesday was quiet, as is almost always the case, and stock again dragged, with little prospect of more active demand before the end of the week.

Beauties are the shortest item, but enough to go around. Brides and Maids are of very fine quality and should there be a little more bright weather, very large cuts will be in, large, at least, by comparison with those of the past couple of months. Not many Liberty are seen, most of them very short. Prices are weakening in the rose department, not materially on the better grades, but enough on small stock to make the fact apparent in growers' averages.

Carnations are in large supply, but are cleaning up well, for requirements are heavy and there is always a place for stock of the good grade now at hand when it can be offered in quantity at what the buyers call reasonable prices, say $15 per 1,000. The call for white has lagged a little in the past few days. Callas and Harrisii have also become abundant. There is a fair sale for the fancy qualities in tulips, but the common stock is going slow. Other bulbous stock is in the same way. Violets are again in large supply and hard to move. Considerable quantities of the eastern product are received, but do not sell any better than the singles grown locally. Campbell is out of the running. Green goods are equal to all requirements.

Various Notes.

Poehlmann Bros. have recently acquired about four acres of land contiguous to their original plant at Morton Grove and are contemplating a few more houses, but have not yet fully decided what they will do.

George P. Ball has made a three-year lease on the A. C. Harms greenhouses at Berteau and Oakley avenues and will devote them to carnations for the wholesale market. The houses are empty at present, having been frozen up some months ago while in the hands of A. B. Everett.

L. Coatsworth went to New Castle on Tuesday, accompanied by J. A. Budlong and A. H. Budlong.

Phil Hauswirth would like to be notified by those who will go to Detroit in order that adequate accommodations may be assured. Call him up on Harrison 585 or drop a postal to 227 Michigan avenue. There will be a parlor car for the party on the 3 o'clock Wabash next Tuesday afternoon.

The Washington's birthday business was a disappointment to the retailers. A. Lange says that for Valentine's day he could not wait on the people in his two stores, but for Washington's anniversary there was nothing doing, either in transient trade or decorations for social affairs. John Mangel had the decoration for the dinner at the Union League Club, about the only affair of any importance. He used 600 Lawson carnations, a few hundred short Beauties and some green.

Peter Reinberg's exhibit at last week's flower show was sold to the Consumers' Flower store and made a fine window display for several days. The Chatenay was a wonderful vase of flowers when fully developed. A shipment of their Uncle John rose was sent to J. H. Small & Sons, New York, one day this week.

The Anderson Floral Co. will retire from business shortly after Easter. It is reported that the fixtures have been sold. The building is to be torn down May 1.

C. M. Thomas, of the A. L. Randall Co., says it looks to him as though the supplies of Harrisii may be short at Easter, owing to the inability of many of the growers to get their stock in by April 1.

Wietor Bros. are cutting fancy carnations in large quantities. They have never had better success in this department and the cut all grades high.

E. F. Winterson Co. will handle Reed & Keller's folding Christmas bell next season.

The wholesale houses are being equipped with the new automatic telephone.

John Thorpe says that a flower show is assured for Kansas City this year. It is now only a question of dates.

Bassett & Washburn will take 1,200 or more carnations to Detroit for the A. C. S. show.

Sam Pearce cuts his Romans in a manner which might well be generally adopted. He pulls up the whole plant and merely cuts the bulb through the middle, leaving enough of it to retain all the foliage with the flower spike.

C. A. Samuelson will take in the Detroit carnation convention.

On Tuesday night fire in an adjoining store caused a smoke and water loss of

nearly $1,000 in the store of Johnson & Swan, at Forty-seventh street and Lake avenue.

Among the week's visitors were J. A. Evans, Richmond, Ind.; Wm. Murphy and Thomas Windram, Cincinnati; Mr. and Mrs. John Young, St. Louis; B. Eschner, of M. Rice & Co., Philadelphia, and a representative of Reed & Keller, New York.

ST. LOUIS.

The Market.

Trade kept up well the earlier part of the past week, but since Wednesday, which wound up the social season, business has been slack. On Monday of last week cut flowers of all kinds were very scarce and funeral work in plenty. Everybody seemed busy with that kind of work and most every one was hunting up stock to fill orders. The wholesalers reported plenty of telegrams from neighboring towns asking for shipments, but as the local trade demanded all, they had to be turned down. Prices of course went up at once on carnations and roses, which were hard to get at any price.

There has been a decided drop in the temperature, with snow and cloudy weather, which made cut stock scarce, and the market cleaned up nearly up to Wednesday. Since then the market is much better and stock of all kinds more plentiful, with prices still up on first-class stock. But common grades have come down in price. Quite a lot of this material can be had at the present time and we look for no scarcity from now on until Easter.

In roses Brides and Braidesmaids of the highest grade stand at $10 per 100 and running down to $5. The best demand has been for light colored stock. White stock also sold well. Beauties are in their usual demand, with fancy stock not to be had and firsts and seconds selling well. Carnations are again becoming more plentiful—that is, colored stock. Whites are pretty well cleaned up each day and so are good fancy Lawson and Enchantress. Wolcott, White Cloud and Queen Louise are among the best whites in the market, Crane and Estelle in red and Mrs. Nelson, Joost and Guardian Angel in pinks. Prices range from $3 to $5 and common sorts are sold at $2.

Violets held their own during the week and enough were in to supply the demand at 50 and 75 cents per 100. From now on there will no doubt be an overproduction of these. The bulb market is also well supplied at the present time. Harrisii sell well, with not any too many in the market; $15 per 100 is the price, with callas the same. Valley improves in quality, also freesia. Romans and Paper Whites have quite a demand. Tulips are very plentiful at $3 and $4 per 100. Smilax is abundant and of good quality, also asparagus strings.

The Club Entertainment.

The entertainment and ball given by the Florists' Club last Friday night was a grand success in every way, and those who did not attend missed a good time. The florists, with their families and friends, began to arrive at 8 o'clock, and at 9 the dancing floor was well filled. The entertainment was interspersed between the dances. The hall was beautifully decorated with carnations, kindly donated by Messrs. Kuehn and Ellis. The wild smilax, donated by Caldwell the Woodsman, arrived a day late. The entertainment was furnished by Mrs. Otto Koenig and Mrs. John Koenig, who sang beautifully. Miss Pearl Ellis rendered difficult selections on the piano. Miss Willow gave an interesting Spanish dance and Miss Stamm played the latest selections on the piano, each lady receiving a large bunch of roses and carnations. The affair was managed by Otto Koenig and Fred C. Weber, who deserve great credit.

Mr. Brown, the English gardener, and his assistant, R. J. Mohr, better known at the World's Fair grounds as "the long and short of it," in company with the French gardener, thoroughly enjoyed the ball. Frank Fillmore acted as usher in presenting the bouquets to the performers and did his part in a graceful manner. The bouquets were furnished by Fred Weber. We missed our suburban members very much. W. J. Pilcher and wife, of Kirkwood, were the only ones to attend. The east side members were also noted in their absence. Mr. and Mrs. John Young left for Chicago Friday night on a visit to their daughter, and so missed the ball. Refreshments were served on the second floor and enjoyed by all.

Club Meeting.

Don't forget the club meeting next Thursday afternoon, March 3, at 2 o'clock. This will be one of the most important meetings of the year. J. H. Hadkinson and Henry Emmons will be the essayists at this meeting. The arrangement committee will have its report ready on entertaining the executive board of the S. A. F., which meets at the Southern Hotel March 5, 6 and 7. The tickets will also be handed out for the trolley ride to the World's Fair grounds on Sunday, March 6, to which all members are eligible. Members who wish to take part in this trip must attend the meeting. No tickets will be sent by mail.

Bowling.

Below will be found the averages and single high scores of the sixty-seven games played this season by the members of the St. Louis Florists' Bowling Club:

Player.	Games.	Total.	Ave.	High.
C. A. Kuehn	64	11373	178	243
J. J. Beneke	67	11808	176	253
Carl Beyer	41	7175	175	259
A. Y. Ellison	9	1507	168	209
Theo. Miller	67	10519	157	214
Wm. Adels	33	5177	157	217
F. C. Weber	44	6438	146	206
F. M. Ellis	56	8159	146	191
O. R. Beneke	43	6106	142	191
F. H. Meinhardt	62	8315	134	221
John Young	38	4866	128	184
Freddie Weber	39	4942	127	158

The two teams composed of four men played four games on Monday night, each team winning two games by the following scores:

Team No. 1.	1st.	2d.	3d.	4th.	T'l.
J. J. Beneke	191	152	174	171	688
Theo. Miller	127	176	180	152	635
F. C. Weber	114	120	119	177	530
F. M. Ellis	128	159	141	101	529
Totals	560	507	614	601	2382
Team No. 2.	1st.	2d.	3d.	4th.	T'l.
C. A. Kuehn	154	183	168	173	668
A. Y. Ellison	162	176	186	173	697
F. H. Meinhardt	115	168	144	135	562
O. R. Beneke	101	146	115	129	491
Totals	532	673	613	610	2418

A team composed of Beneke, Beyer, Miller, Kuehn and Ellison will roll a match game with the Belleville Difficulties, which team is captained by E. W. Guy, on next Monday night on Worden's alleys, and the following week the same team will tackle Uncle Sam's team of letter carriers, which is captained by John W. Kunz, a former florist. J. J. B.

PHILADELPHIA.

The Market.

Business is exceptionally good for the beginning of Lent, although there have been one or two quiet days. Violets have sold well and are of fine quality. Brides and Maids are more plentiful, also fancy carnations. Bulbous stock in general and daffodils in particular drag at times. Easter lilies are to be had in quantity, also white violets, both rather scarce until now.

Flowertown.

The tavern keeper and all the natives spell it Flourtown, at least all of them who adhere to higher education, but visitors who trudge out the Bethlehem pike to the second rise beyond the one where they tell such famous yarns that the place is known as Chestnut Hill, one part of it even as "Windy Moor," shortened latterly for the sake of euphony, will agree with the above spelling. For there George E. Campbell has taken root and flourished exceedingly, as may be seen at a glance or learned from the statement that he cut 110,000 Brides and Maids from two houses each 20x150 feet in twelve months. The romantic days of camping out in a big tent are over long since; his home is too comfortable to make that a regret. There is a nice stable and a newer icehouse, just filled with sixty solid tons of frozen water that makes their possessor feel that summer heat has no terrors for his rose buds. There are four 150-foot houses now, two each in Brides and Bridesmaids in the pink of condition, throwing up strong bottom canes that make specials and firsts easily outnumber seconds and thirds just at the right time. Mr. Campbell says that "care" does it. Certainly, as my friend K. would put it, the combination between care and Campbell seems to make a winner. Perhaps it ought to be Campbell and care; he takes care you know.

Little Acts of Kindness.

It is generally admitted by the intent in and about this City of Brotherly Love that if you strike a heating snag you run out Woodland avenue and consult George Anderson. It would be interesting to know how many of our florists have done this; when the number is told you will know how many have benefited by his knowledge and experience. George Anderson is thoroughly up in steam fitting, as well as in all kinds of iron work relating to greenhouse construction. He is said to have been the first florist here to heat his place by steam and to cut and drill his own purlins. He is not practical, but he understands the principles that govern steam circulation so that he secures results for his work. Many a knotty problem has been submitted to him, why this or that arrangement wouldn't do, that he has solved, making the remedy clear with a rapidly drawn sketch on some convenient post or board. Yes, post, because though a firm believer in iron, Mr. Anderson thinks the iron post of today must be strengthened to fill its place properly in the modern greenhouse. And so with the little sketch in mind each one has returned to his own place with a warm spot under the left side of his jacket for the man who had so freely

given of his knowledge to help his fellowmen.

The William Graham Co. has a fine window display of yellow calla lilies with caladium-like leaves.

A. G. Campbell will on Monday succeed John McIntyre, now with H. H. Battles, as Edward Reid's assistant.

Mayberry & Hoover, of Washington, were large purchasers of decorative plants lately.

Wednesday was ladies' night at the Florists' Club, when a reception, games and refreshments were enjoyed by many fair women and brave men. PHIL.

NEW YORK.

The Market.

The market feels keenly the Lenten season. The general tendency is downward. The supply of everything has been in excess of the demand and of violets it may safely be said the ice boxes are never empty. The best Beauties hold steady at 50 cents and occasionally command a little more. The supply of carnations is increasing. The holiday on Monday found a stagnant market, which it failed to energize. Many of the wholesalers closed early in the afternoon and the street merchants seemed to be doing the bulk of the business. There was a flood of violets in the market and hardly any demand for them. The weather turned warm and rainy Sunday.

The Club Dinner.

On Saturday night the annual banquet of the New York Florists' Club was enjoyed at the St. Denis hotel. The attendance was not as large as was anticipated. However, the enthusiasm and enjoyment were quite up to the record of the club. President Traendly filled the toastmaster's chair with dignity and skill. The committee displayed rare selective ability in the choice of orchestra and "vaudevillians," some of the best artists in the musical and elocutionary line having been engaged. The toasts were fine and the orators of the club, Messrs. O'Mara and Wallace, did them ample justice. Mr. O'Mara spoke to the toast "Our Night," and gave a brilliant address, referring to the fact that ten years ago it was his privilege to respond to the same announcement. He descanted feelingly upon the faces that had vanished and the tender recollections that crowded upon us of the men who "fought the battle of the flowers." He asked for pledges of mutual support and loyalty to the president and to each other. He referred to the healthy condition of the club, the success of its new departures in the triumph of the carnation exhibition at its rooms and the prospect of duplicating its success on rose night on March 14; never in his memory did the future of the organization seem so bright. He interspersed his eloquent address with many amusing stories and evoked considerable demonstrative enthusiasm throughout.

Alex Wallace was at his best on the familiar subject, to him, "The Press," which he himself declared "could not have fallen into better hands." John H. Taylor made a strong plea for the strength and effort of the young man in horticulture. He spoke eloquently of the glorious field that opens to his view and the heritage which the older ones are gradually but surely yielding to the coming generation.

The flowers on the table were contributed by Lager & Hurrell, William H. Siebrecht, Alex. Guttman, Traendly & Schenck, Walter Sheridan and John Young. Those present were F. H. Traendly, S. S. Butterfield, John Young, P. O'Mara, L. B. Craw, L. R. Cobb, Frank Moore, Henry Hentz, Jr., John Nash, Chas. Lenker, Alex Guttman, John Scott, A. L. Miller, Paul Kessler, Chas. Schenck, Jos. Hayden, John H. Taylor, Lawrence Haffner, John E. Lager, H. Hurrell, A. H. Langjahr, Alex. Wallace, Theo. Lang, Benj. Slinn and brother, J. B. Nugent, Lewis Haffner, W. H. Siebrecht, W. F. Sheridan, Chas. Plumb, William Plumb, W. J. Stewart, W. C. Mansfield and friend, Dr. S. C. Roland, John Dowsett and J. Austin Shaw. Each guest took home a bottle of Mum's Extra as a souvenir.

Various Notes.

J. K. Allen has had a strenuous week with the grippe, but is convalescent.

Josephus Plenty, of Jersey City, a greenhouse builder, died at his home on Monday after a three months' illness, in his fifty-fourth year.

Miss Josie Rieley, bookkeeper for J. K. Allen, has been ill a week with the grippe.

Arthur C. Dacre, of the Kurzman, Dacre Co., has fully recovered and has joined the force of Young & Nugent. This firm is handling some splendid cattleyas and gardenias.

The father of W. A. and Jos. Manda, of Orange, N. J., died on Saturday. The sympathy of their many friends in the trade of New York is extended.

Rose night, March 14, promises to be one of unusual interest at the New York Florists' Club rooms. All the new roses will be displayed and exhibitors from all parts of the country have promised co-operation. Notwithstanding Carrie Nation's objection, the canteen committee promises special demonstrations.

The Detroit carnation convention will have a fine representation from New York and vicinity. Mr. Haffner, of the West Shore, has been particularly courteous and attentive to intending travelers and it looks as if a Pullman will be comfortably filled under his chaperonage. The display of new varieties from this center will include some eye openers.

The firm of Wadley & Smythe has been incorporated with a capital of $50,000. Mr. Wadley retires and the firm will consist of Z. W. Van Zelm, C. H. Clark and F. W. Smythe. No change of location is contemplated.

Someone burglariously inclined evidently thinks Scottii must be the coming fern, for he endeavored to burgle the houses of John Scott, at Flatbush, last week Sunday. Fortunately he was detected and the new fern is still unmolested.

The New York Florists' Bowling Club celebrated the birthday of the immortal George, somewhat depleted as to numbers, but nine of the faithful enjoyed the alleys, and we select the three best games of each as an example of what was accomplished. Capt. Lang came very nearly making a record.

Player.	1st.	2d.	3d.
Lang	168	174	246
Haffner	156	158	186
Siebrecht	131	136	165
O'Mara	138	141	151
Gibbs	115	143	156
Bennett	129	129	160
Frank	129	134	135
Shaw	100	113	114
Nugent	92	94	115

J. AUSTIN SHAW.

BUFFALO.

The Carnation Show.

The chief event among the fraternity last week was the meeting of the club on Wednesday and a very fine display of most all of the carnations being disseminated this spring. The program was not carried out just as it was arranged. The exhibition was intended to be in one of the rooms of Turn Hall, the recently acquired spacious quarters of Wm. F. Kasting, but the very severe weather and the heating system not being complete, it was thought best to make the display in Mr. Kasting's present wholesale emporium. The vases of flowers had ample room, but spectators were rather congested. We were glad indeed to see such a gathering of the local craft, as well as many from nearby towns. At 8 p. m. we gathered in the large dining room of the Genesee hotel, where Mr. Gammage, of London, Ontario, gave us a half-hour's talk on the divine flower. Mr. Gammage did not enter into cultural directions, but most entertainingly discoursed on the rise to popularity, the present status and possibilities of the carnation. The discussion which ensued lasted a full hour and touched upon every phase of the subject, benches, tile benches, solid beds, subwatering, propagation, field culture, all-under-glass culture and, in fact almost every other feature that perplexes the carnation grower.

The talkers were principally Charles Roney of Jamestown; Henry Wise, M. Bloy, Charles Guenther, L. H. Neubeck, Prof. Cowell, Mr. Foss, C. H. Keitsch, C. Sandiford and others more or less, and the chairman, W. S., sandwiched in a little "jolly" between speakers. It was a good meeting and I think enjoyed by all.

Now, where there were so many fine varieties it would not be my province to speak of any that seemed best to please. Prof. Cowell, George McClure, C. Sandiford and Charles Guenther carefully scaled all the new varieties as per scale of the A. C. S., and in their judgment rendered the following:

Variety.	Exhibitor.	Scored.
Cardinal	Witterstaetter	91
Red Lawson	Palmer & Son	88
The President	Cottage Gardens	89
Crusader	Chicago Carnation Co.	89
Mrs. Patten	Peter Fisher	86
Judge Hinsdale	Cottage Gardens	88
Ethel Ward	Cottage Gardens	87
Nelson Fisher	Peter Fisher	88
Indianapolis	Baur & Smith	85
Albatross	L. E. Marquisee	87
Flamingo	L. E. Marquisee	91

Besides the above there were exhibits of some of the later introductions by Wise Bros., C. Guenther, Cottage Gardens, W. J. Palmer & Son, Wm. Scott and F. G. Lewis. We regret very much that Mrs. Patten and Nelson Fisher from the Thompson Co. and Lady Bountiful and The Belle from F. Dorner & Sons Co. splendid flowers, arrived late the same evening, after the meeting was over. Considering the weather of the previous day it's a wonder that anything arrived on time and in the perfect condition that without exception all seem to have done.

And now I take this opportunity for the Buffalo Florists' Club to sincerely thank all those gentlemen who so kindly sent us such fine exhibits.

Keeping Qualities.

It just occurred to me that a word about the keeping qualities of some of these varieties might be of interest. On a table in front of me are a few flow-

ers of several of the varieties. When they were picked I can't say, but they arrived in this city last Tuesday morning. They must have been cut eight days ago. They withstood for eight or nine hours a most crowded room. They have been lugged out of an ice box fifty times, then brought over in their declining days into a warm room. And this Tuesday morning, here are some that are standing up with petals expanded and scarcely a blemish to mark the ordeal they have undergone: Cardinal, The President, Ethel Ward, Judge Hinsdale, Indianapolis, Mrs. Patten, Crusader and Lady Bountiful. I have nothing to say about the keeping of other varieties, because I did not have an opportunity to test them and this was no test, it is simply a fact observed.

Various Items.

Business has been decidedly improved the past two weeks. A call at the Main street stores last week found them all rushing and when W. J. Palmer says, "We have been awful busy today," it sounds good.

Mr. Miller, of Timothy Eaton fame, all the way from Toronto, came to attend our meeting.

Peter Croweanum, of Utica, has spent a couple of days in town.

Mike Bloy, of North Olmsted, O., and Jas. Mc Hutchison, of New York, were recent visitors.

Mr. Snell, formerly with W. J. Palmer, has taken a permanent position with S. A. Anderson. This makes his store help strong, both in working force and artistic ability.

Now my story is long enough, I hope, and think the attendance from here to La Detroit will be good, as it should be. It is but six hours' ride from this city.

W. S.

PITTSBURG.

The Market.

The first week of Lent had really a stimulating effect on the market. Contrary to all expectations, business was very good and prices did not decline. At the present writing this market is in a very healthy state. Roses of extra fine quality are arriving in quantity now. The best grade of Maids and Brides bring $15 per 100, but the ordinary grades are considerably lower in price than they have sold for some time. Beauties are decidedly off crop. At present carnations are moving out at very fair figures; the supply is sufficient to meet all demands. Daffodils and tulips, in fact all bulbous stock, are abundant. The demand for red flowers and violets for Washington's birthday was heavy, but the supply was equal to the demand.

Various Notes.

Quantities of grand Maids and Brides are being sent in by Fred Burki and B. L. Elliott. Blind Brothers also report a very good cut of roses.

As usual, John Bader has a splendid collection of blooming plants, palms and ferns. His Easter stock will be in just right.

Wm. Lauch, of Carrick, is sending the Pittsburg Cut Flower Co. some extra fine specimen plants of azaleas. This firm is also getting daily consignments of very choice lilies, mignonette and lilac.

The Valley Greenhouse Co. is cutting some of the finest Harrisii lilies seen in this market for a long time. Mr. Buechler, their foreman, reports practically no disease among his lily bulbs this season.

E. C. Ludwig will open his new stand in the Allegheny market, March 1. Mr. Ludwig makes a specialty of design work and has made considerable outlay in the way of advertising; a new floral album, issued by him, should bring good returns.

The modes of handling flowers in the Allegheny market are a little different from the usual methods employed. The displays of cut flowers and plants are on a very large scale, in fact, G. & J. W. Ludwig, Frank Falk and F. Breitenbaugh & Bro. all make daily exhibits which compare well with any small sized flower show.

T. M. Ulam & Co. received the order for the Americus Club floral emblem, which was sent to the funeral of Senator Hanna.

The regular meeting of the Florists' Club has been postponed until Tuesday, March 15. At this meeting carnations will be discussed and the members who attend the carnation convention will be called upon to tell us what good things they saw at the convention. This meeting will be one of the most interesting and profitable of the season. A large attendance is expected.

Xavier E. Schmitt, head gardener of Horticultural Hall, Philadelphia, Pa., was a visitor last week.

Hoo-Hoo.

NEXT WEEK

THE CARNATION NUMBER

Next week's **Review** will contain a full report of the Detroit Carnation Convention. It will be an issue of particular interest to the thousands of growers of carnations, many of whom wait for the verdict of the Convention before placing their orders for cuttings.

SPECIAL ADVERTISEMENTS SHOULD BE FORWARDED WITHOUT DELAY.

FLORISTS' PUBLISHING CO.

Caxton Bldg., 334 Dearborn St., Chicago.

CINCINNATI.

The Market.

On an average trade is very good. There are a good many funerals, in spite of the so-called cold, healthy weather we have been having. Lent has had little or no effect on the market. While there is but little rushing about to fill orders, yet there is very little stock left over. Roses are coming in larger quantities and the quality is first-class. All grades are sold out clean. Carnations are in much larger supply and some fine stock is seen. They also sell out well. Bulbous stock is doing better. Harrisii and callas are especially good property. Valley moves a little slow. There are lots of violets, especially single, and they are very good. At times they sell well, but at others they are hard to move at any price. Smilax and asparagus have been in heavy demand. Ferns, too, have been selling well.

Notes.

During a heavy wind storm the roof of one of Geo. Murphy's greenhouses was lifted off and thrown upon an adjoining house, causing considerable damage.

Mrs. Garges, of the firm of Coates & Garges, is confined to her bed with the grippe.

Wm. Murphy and Thomas Windram left Monday night for Chicago, where they will spend several days visiting the large establishments. From there they will go to Detroit to attend the carnation convention.

The carnation meeting is almost here and it looks as if there will be quite a representation from this city. They will leave this city next Tuesday at 9:45 p. m., via the C. H. & D. The rate will be a fare and a third. Any one wishing to join the Cincinnati party is cordially invited to do so.

H. M. Altick, of Dayton, Ohio, was in this city representing the florists' end of the McKinley monument fund. He is working very hard to raise as large a sum as possible among the florists, and certainly deserves success. The fact that McKinley day brought forth such a heavy demand for carnations, thus bringing the florists a large profit that they would not otherwise have realized, makes it look as if every florist in the country could well afford to make a donation, however small, to this fund, and still be money in pocket, with many McKinley carnation days coming in the future.

A trip through R. Witterstaetter's carnation houses was a treat that the writer recently enjoyed. There were seedling carnations by the thousands and of almost every color, and the general excellence of them all is surprising. Several houses of his new scarlet, Cardinal, were a mass of bud and bloom and a great sight. The color is extra fine and that Dick has a good thing in this variety cannot be doubted.

C. J. Ohmer.

MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the Review. Will want to move some other stock a little later. Edward Harris.

GRAND RAPIDS.

Coal Scarce.

The temperature still persists in dodging from zero to 20 degrees below, frequently accompanied by a stiff breeze that penetrates through every crack and crevice, taxing boilers to their fullest capacity. It will take at least forty per cent more coal to get through this winter than last, with the same amount of glass. Besides we are beginning to face a coal shortage which, had it occurred thirty days earlier, might have caused serious concern. There are plenty of cars of coal between the mines and Grand Rapids, but it cannot be gotten into town by the railroads.

The boiler at Frank Strong's, vegetable grower, gave out recently. He is temporarily out of commission, but will start up as soon as the boiler can be put in repair. There are rumors daily of frozen plants near the far ends of houses, or near a crack in the glass, but so far no serious freeze-up is reported, except the one noted.

Carnations welcome the sun, for they were very weak in the stem. Roses are beginning to improve in quality; in fact everything is beginning to feel the influence of the sun's rays. Business has been good, the out-of-town call for flowers being so heavy that no flowers have been wasted. Prices remain the same as at my last report. Bulbous stock is becoming more plentiful.

Several have signified their intention to attend the Detroit convention, provided this kind of weather don't hang on that long. Anyway we are praying for fine weather and a successful convention. G. F. C.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—At once, a rose and carnation grower; must understand propagating roses and carnations; be sober and industrious; will pay $40.00 per month and furnish a room. Address Mrs. J. P. Church, Roswell, New Mex.

SITUATION WANTED—As grower of cut flowers and general pot plants; near Chicago preferred. Address No. 62, care Florists' Review, Chicago.

SITUATION WANTED—By florist, 24 years of age, can grow good roses, carnations mums, and bedding plants, palms ferns and orchids; successful propagator and rose grower; German; with life experience; full charge is wanted; please state full particulars. Address E. Bahnke, 1601 Second Ave., Rock Island, Ill.

SITUATION WANTED—In floral store by young lady of some experience or in making up of floral work; comes recommended. Address F. X. L., care Michigan Cut Flower Exchange, Detroit, Mich.

WANTED—A young man for general greenhouse work; about 17 000 ft. of glass; no roses grown; state wages expected and experience; place in Pennsylvania. Address No. 61, care Florists' Review, Chicago.

WANTED—A good all-round florist who can grow a general line of cut flowers and bedding plants; must be sober and reliable and take full charge if necessary; German preferred; $30.00, board and room. Address Converse Greenhouses, Webster, Mass.

SITUATION WANTED—By young man 21 years old; single and a willing worker; best of references as to ability and character; 5 years with present firm; prefer position as assistant on private place; state wages. Address Box 49, Lancaster, N. Y.

WANTED—Not later than March 1; an experienced florist to take charge of 7000 feet of glass for retail trade; married man preferred. Address Mrs. Geo. E. Mercer, Bowling Green, O.

Carnation Society's Convention.

The Wabash Railroad offers superior traveling facilities to Florists, East, West, Northwest and Southwest, who will attend the Convention of the **American Carnation Society at Detroit, March 2 and 3.** Through sleeping cars, vestibule trains, unsurpassed dining car service.

The Chicago Delegation will travel via **The Wabash,** leaving Dearborn Station at 3 p. m., Tuesday, March 1. Those passing through Chicago to the Convention are invited to see that their tickets read via **The Wabash** from Chicago and should start from home in time to connect with this train.

RATE—Fare and one-third for the round trip from all points. Be sure to get a **CERTIFICATE** when buying your ticket.

F. A. PALMER,
A. G. P. A. Wabash Ry., CHICAGO.

Mention The Review when you write.

WANTED—Good, quick, hustling man who thoroughly understands making up floral designs and bunches; good opportunity; steady the year around; reference. Address J. J. Cummings, 1131 W. Baltimore St., Baltimore, Md.

WANTED—Good all-round florist; growing a general line of cut flowers and plants; single and German preferred; state wages expected with room and board. Address Bentzen Floral Co., St. Louis, Mo.

SITUATION WANTED—By a single florist; German; long experience in Europe, 2 years in this country; private or commercial place. Address X. B., Natick, Mass.

SITUATION WANTED—As foreman or manager of an up-to-date place, by expert grower of pot plants; stove or temperate house, including orchids; also good grower of cut flowers; well posted in grafting, forcing and propagating; 20 years' experience; German; married; strictly temperate. Address, stating full particulars, No. 63, care Florists' Review, Chicago.

WANTED—To lease, with option of buying, a place in Illinois or Missouri with from 3000 to 7000 sq. ft. of glass. Address Box 116, Waverly, Ill.

WANTED—Manager and propagator to take charge of retail place where roses, shrubs, plants etc., are grown for catalogue mail trade, no cut flowers; must understand summer propagation of roses, etc.; married man preferred; state reference and wages expected. Address F. B. Mills, Seedsman, Box 7, Rose Hill, N. Y.

SITUATION WANTED—As landscape gardener or assistant by an experienced German; age 30; single; best references; inclined to go to any state. Address F. Meyer, 515 Broadway, Milwaukee, Wis.

WANTED—To draw plans for parks and private residences; have a perfect knowledge in shrubs trees and flowers according to climate and season; correspondence solicited. Address C. M. Hemala, landscape gardener, Onarga Ill.

SITUATION WANTED—An eastern rose grower would like position as foreman or manager of western establishment of 100 000 feet or more, making a specialty of growing roses for cut flowers. Address No. 56, care Florists' Review, Chicago.

WANTED—Market gardener; must be competent to take charge as foreman; give references and salary wanted for the season. Address No. 28, care Floriste' Review, Chicago.

WANTED—Single man for general greenhouse work; must have some experience; references required; state wages expected—with board. Address Estherville Greenhouses, Estherville, Iowa.

WANTED—Florist, an all-round man to take charge; small retail place; wages $40.00 per month. Address R. Kaiser, 104 College Ave., Annapolis, Md.

WANTED—Good steady man with some greenhouse experience as assistant and to take charge of a horse; wages $25 per month, board and room. Address Jos. F. Klimmer, Desplaines Ave. and Harrison St., Oak Park, Ill.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. 60, care Florists' Review, Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. 51, care Florists' Review, Chicago.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. 59, care Florists' Review Chicago.

FOR SALE—Oak Park greenhouses, lot 100x181, with good 9 room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40 000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10 000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Scollay $50.00 new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies, No. 1 stock $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil, putty white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE.

An exceptional opportunity; florist store catering to high-class trade; reason, have other business; established ten years. Address

P. H., 926 Fulton St., Brooklyn, N. Y.

WANTED.

By a thoroughly good all round grower, position as foreman in a first-class establishment. American Beauties my specialty. Am now in charge of one of the largest places in the west but desire to make a change.

Address No. 125,
Care Florists' Review, Chicago.

WANTED.

Position as foreman or manager of an up-to-date establishment, either retail, or wholesale or mailing; am up in all branches; three years in last place; 40 years old; married; prefer a northern place; best of reference as to ability, character and honesty; strictly temperate; up in building and heating; grew two million plants the past season; state amount of glass and best wages for an UP-TO-DATE man. Address **Lone Star,** No. 611 N. Washington ave., Dallas, Texas

NURSERY NEWS.

THE catalogue of Thomas Meehan & Sons, of Philadephia, came to us by express.

SYRINGA JAPONICA extends the lilac season a full month. The flowers are white but scentless.

"AN old-fashioned, hardy garden for $5" is the way one nurseryman makes a bid for mail orders.

THERE are few better trees for small lawns than the birch, which is described by its name, Betula alba laciniata pendula.

E. R. HURLBURT has bought the interests of G. B. Spitler and W. B. Hunter in the Mt. Zion Nursery Co., Mt. Zion, Ill.

THE Reliance Nursery Co., Geneva, N. Y., has been incorporated with $20,000 capital stock by John M., Timothy J. and Mary E. Twomly.

THE Jewell Nursery Co., Lake City, Minn., incorporated with $100,000 capital stock, has been licensed to operate in Wisconsin with $10,000 capital.

THE sugar and Norway maples are preferable for permanency to the more rapid-growing silver variety. These do well in most soils and are probably the most frequently used trees for street planting.

THE Wm. H. Moon Co. has issued one of the handsomest nursery catalogues of the year. The cover is white, green and gold, the paper and presswork good and text and illustrations commendable. The book is sewed with thread so that it opens flat.

IT is stated that Otto Katzenstein, formerly with the Pinehurst Nurseries, has formed a partnership with S. Z. Ruff to handle extensive southern fields of Rhododendron catawbiense and Kalmia latifolia which they have acquired. Their headquarters will be at Atlanta, Ga.

EVERY retail florist who has a piece of ground should plant specimens of a few of the best and most salable trees, shrubs and fruits. With well-grown specimens as samples he can take many orders for planting at the proper season, obtaining his stock from any one of the many reliable wholesale nurseries.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

The Evergreen Specialist
OF DUNDEE, ILLINOIS,
intends to keep at the head for hardy nursery-grown Evergreens for the nursery trade. It's to your advantage to get my prices and place your orders whilst varieties and sizes are complete. Address
D. HILL, - - Dundee, Ill.
Mention Review when you write

1840 — 1904
Old Colony Nurseries
Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18-24-inch, $5 per 100.
Elaegnus Hortensis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa, 3-4 feet, $5 per 100
TRADE LIST READY.
T. R. WATSON, Plymouth, Mass.
Mention the Review when you write

4,000,000 Peach Trees
JUNE BUDS A SPECIALTY.
No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from diseases and true to name. Write us for catalogue and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest Peach Nursery in the world. Address —
J. C. HALE, -- WINCHESTER, TENN.
Mention The Review when you write.

Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention The Review when you write.

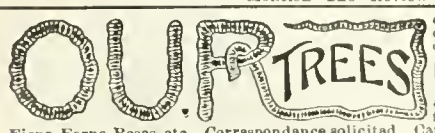
Peterson Nursery,
170 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention The Review when you write.

CALIFORNIA PRIVET

		Per 1000
200,000	2 years, 2 to 2½ feet, very bushy	$20.00
150,000	2 " 18 to 24 ins., " "	16.00
100,000	2 " 12 to 18 " " "	10.00
200,000	1 year 12 to 18 " branched	9.00
200,000	1 " 10 to 12 " "	7.00
100,000	Cuttings, 8 ins., strong	.80
100,000	" 8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barrs; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.
J. H. O'HAGAN, Little Silver, N. J.

Surplus Shrubs CHEAP!
Also other trees and plants in assortment. Send for Wholesale List.
SHREWSBURY NURSERIES, Eatontown, N. J.
Mention The Review when you write.



etc., have been the standard of excellence for half a century. The best always cheapest. Have hundreds of carloads of
Fruits and Ornamentals.
40 acres of Hardy Roses including 45,000 of the famous Crimson Rambler. 44 greenhouses of Palms, Ficus, Ferns, Roses, etc. Correspondence solicited. Catalogue free. 64th year. 1000 acres.
THE STORRS & HARRISON CO., Box 259, Painesville, Ohio.

Heller Bros.
SOUTH PARK
FLORAL CO.
Newcastle, Ind.

CUT ROSES FROM THE BEST ROSE SOIL IN AMERICA.

Bridesmaids
Brides, Ivory,
Golden Gate

In four grades: "Specials," which are everything the name signifies. Magnificent long stems, perfect foliage and bud. Price, 10c

Selects, also very fine but not quite as long stem. Price..... 8c

1st. Good standard length stems for general use, fine foliage and bud. Pr. 5c

2d. Good buds, with stems 6 to 10 inch. Price..... 3c

Very fine American Beauties, the longest stems, $4.00 and $5.00 per dozen. Medium and shorter ones in proportion

Very Careful Packing and Safe Shipping to All Points.

HELLER BROS.
NEWCASTLE, IND.

Lilies for Easter

J. F. Ammann, a leading grower for the St. Louis Market, told his Florists' Club the other day, as reported in the Review, that

"On a visit to Weber Bros., Chicago, we saw the finest house of Lilium Longiflorum any of us had ever seen. These men certainly know their business."

We handle all the cut from these greenhouses and these are the lilies on which we are now booking orders for Easter.

$15 per 100; **$125** per 1000; 500 at 1000 rate.

Place your order now and make sure of a supply of the BEST LILIES to be found in this or any other market.

All CUT FLOWERS in Season.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100
Bridea and Maids	$5.00 to $8.00
Meteors and Gates	5.00 to 8.00
Liberty	6.00 to 15.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.50 to $2.00	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $3.50	.35
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $2.00	
Leucothoe sprays	.75

Subject to change without notice.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Long Distance Telephones 1978 and 1977 Central. **Chicago, Ill.**

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems, per 100	$6 00 to 8 00
Bridesmaids	6 00 to 10 00

	Per 100
Bride	$6 00 to $10 00
Ivory	8 00 to 10 00
Liberty	5 00 to 15 00
Golden Gate	6 00 to 10 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Headquarters for EVERGREENS

Order direct from us and you won't be disappointed. We carry the most complete line of **Florists' Hardy Supplies.** Dagger Ferns, $1.50 per 1000, A1 stock; Bronze and Green Galax, $1.00 per 1000, A1 stock; Southern Wild Smilax, best stock, $7.00 and $3.50 per case; Laurel Festooning, the best in the market, made good and full, 5c and 6c per yard; Green Moss, for fancy design work, $1.00 per bbl., 75c per bag; Sphagnum Moss, $1.00 per bbl., 50c per bag. Orders my mail, telephone and telegraph will receive our prompt and personal attention.

HENRY M. ROBINSON & CO., 11 PROVINCE ST., L. D. Phone 2618 Main. **BOSTON, MASS.**

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$5.00
" " 30-in. stem	4.00
" " 24-in. "	3.00
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100
CHATENAY, extra select	$10.00 to $15.00
" medium	6.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	6.00 to 10.00
BRIDESMAID	6.00 to 10.00
GOLDEN GATE	6.00 to 10.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

NEWARK, N. J.—Ernest Narrath has been arrested for breaking into F. McDonough's greenhouses and stealing stock valued at $50.

BRATTLEBORO, VT.—Donald McGillivary, florist at the Bradley greenhouses, will leave for Newport March 1 and will be succeeded by A. E. Whiteley, of Boston.

Vegetable Forcing.

CHICAGO, Feb. 24.—Radishes, 20@40 cents doz. bunches; lettuce, 25 cents case; heads, $1@$4 bbl.; cucumbers, 50 cents@ $1.25 doz.

RADISHES.

It is better to continue sowing this crop in the greenhouse for some time yet. Frames would be rather too cold to insure the quick growth on which depends the quality of the radish. Besides, the returns would be so slow that it would hardly pay for the trouble necessary in caring for them in cold frames. We have tried several varieties of radishes this winter, but have failed to find any better suited to our purpose than Non Plus Ultra. W. S. CROYDON.

APHIDES ON LETTUCE.

I am sending a few leaves of lettuce and would like to know if aphides are responsible for their appearance? I know there are aphides on some of these leaves but I find some leaves that look the same way but on which I can find no insects. G. B.

The plants are undoubtedly affected by aphides and they seem to be causing all the trouble, as I can find no trace of any fungus or other disease on the samples sent. The fact that on some of the affected leaves no aphides are found does not prove that aphides did not do the harm. These leaves have probably been injured while in a younger and more tender state; they would not assume the appearance they have now, immediately after the insect had done its work, but would probably take eight or ten days to reach the present stage. The aphides, after reaching the mature state seem to give their attention more to the production of offspring than to feeding. It is while in the more minute stage that they seem to do the most harm. The first indications of their presence is the curling of the young, tender leaves. This curling is caused by the nerves or stronger veins of the leaves being punctured by the insects. The leaves will outgrow this curling to a certain extent, but the withered appearance of the nerves of the leaves, as on the sample sent, is proof of this having been damaged at an earlier stage.

W. S. CROYDON.

WHITE FLY ON TOMATOES.

Our experience with this tough little customer is that nothing short of hydrocyanic acid gas will eradicate it when it once gets a foothold. Though we have kept it in check with tobacco, we were never able to clean the house of it until we used the gas. Our first experience with the gas on tomatoes was in a house containing about 2,700 feet. In this we used one quart water, one quart sulphuric acid and five ounces cyanide of potassium, using one jar only and placing it on one side, about half way along the house. We had to set it on one side as there is no passageway in the center of the house; the passageway runs around the house between the center and side benches. On the center bench were two rows of tomatoes on which the first fruits were just beginning to ripen, while the side benches were occupied by smaller plants. To the plants in the center little or no damage was done, but where the gas went over these and struck the young plants the tips and more tender leaves were pretty badly scorched. At the ends of the house no damage whatever was done, nor was any damage done on the side of the house where the vessel stood.

The next time we had occasion to use the gas in the same house, in place of using one vessel we divided the same amount of material into two equal portions and used two jars, placing them in the passageway at either end of the center bench. This gave a more even distribution, but still there were a few of the tender leaves slightly scorched. No fly was left alive in either case and we found this sufficient to clean the house, no eggs even hatching out afterwards. Wherever this persistent little customer comes from, we find that he pays us a visit in the tomato house every year.

This year we used only about two-thirds of the former quantity and no damage whatever was done, but we found it necessary to give a second application about eight days after the first. This last was given about Christmas time and we have seen no white fly since.

In a former article I said that I hesitated to recommend this gas, on account of its being so poisonous, but I am glad to see the articles relating to it in the REVIEW. The better it is known the less danger of accident from its use. The great danger lies in people attempting to use it before they are thoroughly alive to the harm that may result through carelessness. W. S. CROYDON.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

IT looks as though onion sets might soon be worth as much as last spring.

THE Leonard Seed Co., Chicago, expects to open its new retail store at 81 Kinzie street about March 1.

MARKET gardeners' trade is brisk at Chicago, compensating in a measure for slow business in the mail order department.

THE new Wm. S. Gilbreath Seed Co. of Indianapolis, Ind., is doing business at its temporary quarters, 368 S. Meridian street.

A REPORT from Traverse City, Mich., states that the Jerome B. Rice Seed Co. has contracted for 4,000 acres of peas in that vicinity. In lower Michigan 1,500 acres of beans, radish, squash, pumpkin and cucumber are said to have been contracted for.

THE season is not far advanced and the outlook is for a steadily rising market up to the limit of what the consumer can afford to pay for all stocks that are scarce. The more plentiful stocks are likely to be influenced by the prevailing conditions and an advance in the prices or at least a stiff demand for all of them is anticipated.

THE canners' varieties of peas seem to be up to the demand, but many of the popular garden varieties are becoming short.

ONIONS?

A novelty in the advertising line is the street car card appearing in Chicago. It reads as follows:

Have you asked your grocer about Budlong's Boilers? Why not? They are Tender, Juicy. Either kind, Yellow or Red. L. A. Budlong Co., Chicago.

LITTLE THINGS THAT COUNT.

Ofttimes the little things in business matters are overlooked, and as often, instead of being unimportant, they have the greatest possible of influence in determining the customer to buy or not to buy, as the case may be. Facts of this sort were noticeable during a recent trip taken by J. R. Bonwell, secretary of the Bonwell Seed Company, Nebraska City, Neb., who writes Agricultural Advertising. He says:

I have just returned from a little trip over the State and have picked up one or two things that may be of interest to agricultural advertisers. During the trip I came in contact personally with a great many farmers and secured from them their views on the advertising question.

Early this season we used some perforated gummed addresses and mailed some special matter direct to the farmers. While on this last trip one farmer called my attention to this in about the following words: "You spend a good deal of money and time in trying to have your printed matter effective, and then when you mail it you use a little printed address stuck on the envelope, sometimes curled up or crosswise, and expect us to make no comparison between the outside and inside of the envelope. I can tell you that in order

EUROPEAN DEPARTMENT.

In writing these advertisers please mention the Review.

A. LeCOQ & CO.
DARMSTADT, GERMANY,
.....Wholesale Dealers in.....
Grass, Clover,
AGRICULTURAL and FOREST TREE SEEDS
Prices and Samples on application.

DAHLIAS. POT ROOTS.
Ten Gold Medals Awarded 1903.
Pot-roots for shipment at once. Every section including the popular Cactus Dahlias at $1.00 per 100 in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Terms cash with order. Catalogue 114 pp. free of charge.
HOBBIES LIMITED, Norfolk Nurseries, Dereham, Eng.

THE GOLD MEDAL NOVELTY
LILAC C. B. VAN NES.
Best red lilac for forcing. Very free blooming, forces early. Red out of doors, but in forcing color turns to a fine pink. We offer this to the trade with great confidence. Pot-grown plants, for forcing, well budded, $1 each. From open field, 2-year, budded, 3 to 5 shoots, 40c each.
J. BLAAUW & CO., BOSKOOP, HOLLAND.
Mention The Review when you write.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

FRESH SEED NOW ON HAND

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Mammoth Verbena

White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
Double, large flowered, fringed, " 50c and $1.00

New Crop all leading Flower Seeds Ready.

Send for Wholesale Seed List.

W. C. BECKERT, - ALLEGHENY, PA.

Mention The Review when you write.

MAMMOTH

Evergreen Sweet Corn

GERMINATION 90 per cent.

Send for Sample.

C. E. HUBBARD, Topeka, Kans.

Mention The Review when you write.

to get the business of the farmers today you will have to look to the small things in your advertising and cut out all things that will tend to spoil the effect of your printed matter."

"This year we made a comparison of the matter sent out under seal and circular advertising and found the sealed matter brought us forty-four per cent more returns than the circulars. As we used the printed slip addresses on the circular, I have about concluded that the farmer is a little bit particular in small matters, and in the future I think we will pay a little more attention to our circularization.

During the season we have used the rural route lists to some advantage along with our agricultural advertising. In this connection I would like to say that there are several persons in Nebraska and Iowa getting out small booklets under the style of rural directories which they mail to the box owners on the routes direct. One has come to my notice from this (Otoe) county claiming to be a directory of the rural routes of the county. It has four routes from this city and two from Unadilla. As a matter of fact, there are three routes from Syracuse, one from Talmage and one from Palmyra in addition to these, and a good many farmers in this county are on routes running out of Cass county towns. Agricultural advertisers should know how thoroughly the directory covers the county before entering such a booklet.

...ORDER NOW...

JAPANESE LILIES AND FERN BALLS

The war situation in the East will have a marked effect on further Japanese exports. Avail yourself of these offers before prices advance.

JAPANESE FERN BALLS

First size, 5 inches in diameter.....Each, 20c. Per doz., $2.25. Per 100, $14.00
Extra large, 7 to 8 inches in diameter..... " 35c. " 3.00. " 22.00

LILIUM AURATUM, ALBUM and RUBRUM—Now Ready

	25 bulbs at 100 rate. 250 bulbs at 1000 rate.	Per doz.	Per 100	Per 1000
Lilium Auratum,	8- 9 (130 bulbs to case)	65c	$4.00	$38.00
" "	9-11 (100 " ")	90c	6.50	60 00
Lilium Specioaum Album,	8- 9 (160 bulbs to case)	75c	5.50	48.00
" "	9-11 (100 " ")	90c	6.50	60 00
" " Rubrum,	8- 9 (160 " ")	75c	5.50	48.00
" "	9-11 (100 " ")	90c	6.50	60.00

Now Ready—BEGONIAS, GLOXINIAS, GLADIOLI and PEONIES. Get our prices.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages

PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

Our FAMOUS BAND

IS CALLED FOR DAILY by hundreds of Carnation Growers who find these tiny rubber supports a necessity after all this wintry weather. Send for Wholesale Catalogue.

Keep them in stock and no split flowers need be wasted.
Prices—1000, 15c; 2000, 25c; 4500, 50c; 7000, 75c; 10,000 $1.00.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA.

Mention The Review when you write.

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c

WEEBER & DON, Seed Merchants.

114 Chambers St., NEW YORK CITY

Mention The Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

P. O. Address: Long Beach, Cal., R. F. D. No. 1

Ranch at Burnett, 3 miles north of Long Beach, Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsouii and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

Mention The Review when you write.

Chater's Hollyhock Seeds.

In six superb double colors, 70c per oz.; 40c per ½ oz. Allegheny Hollyhocks, $1 per oz.; 60c per ½ oz. Ficifolia, Double Hollyhocks, NEW, $1 per oz. Single Hollyhocks, 10 distinct colors, 60c per ½ oz. New Hydrangea Jeannie d'Arc, white flowered and Red Branched, 4-in. pots, 40c each $3 per doz. Fine for florists. CASH PLEASE.

JOHN CHARLTON & SONS, Rochester, N. Y.

Mention the Review when you write.

SAMUEL S. PENNOCK,
GARDENIAS
Wholesale Florist,
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504 LIBERTY AVE., PITTSBURG, Pa.
WHOLESALE FLORISTS.
ROSES, VALLEY, BEAUTIES and CARNATIONS.
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THE RIBBON HOUSE
SCHLOSS BROS., 533 Broadway, NEW YORK
SPECIALTIES IN FLORISTS' RIBBONS, CHIFFONS AND NOVELTIES.
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DETROIT.

Various Notes.

The lovers of an old fashioned winter are surely satisfied with this one, for it began here about April 1 last and has been severe enough to suit most anyone, especially the coal man and the ice man, but the latter is deliberating on putting the price up on account of the increased expense of harvesting and delivering the crop by reason of the extra thickness of the ice, showing what combined effort can accomplish.

But in the way of combined effort, I think the coming carnation meeting will be a proof of what the Detroit Club can do when it tries. It is the desire of the club that all delegations notify our secretary as to their time of arrival, so that they may be met by our reception committee and escorted to the hotel in safety. It is also urged upon all members of the society to show their badge and register at once on the first day with our chairman of arrangements, Mr. Beard, and secure their banquet and other tickets so that all members can be properly cared for. Please do so as early as possible and help the management out, so that they can have some time to enjoy the company of the visitors. Everyone will be required to be a member of the society to secure tickets to the banquet, with the exception of members of the local club.

Arrangements have been made with all the express companies to deliver at once all packages directed to J. F. Sullivan, Harmonia Hall, day or night, to the end that we shall have no stock frozen in Detroit.

About three weeks ago Mr. Rackham, wishing to change the diet of his carnations from cow and sheep manure gave three houses a very light dose of horse manure and the result was the complete ruination of every bud and flower by the ammonia. He says no more horse manure for him in the greenhouse.

RAG.

LEBANON, IND.—Paul O. Taner has bought a tract of three acres just outside of town and intends to erect a range of several houses, 20x150, for roses and carnations for the wholesale market. He will heat by steam.

American Beauty ROOTED CUTTINGS.
This stock is from good, clean, healthy wood, will be free from spot and thoroughly rooted when sent out. Money refunded if not satisfactory on return of stock.
$3.00 per hundred; $25.00 per thousand.
J. A. BUDLONG, WHOLESALE GROWER OF CUT FLOWERS, 37-39 RANDOLPH ST., CHICAGO.
Mention The Review when you write.

WELL ROOTED
Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : :
LEO NIESSEN,
1217 Arch St., Philadelphia, Pa.
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....IRISH....
Strong and fine plants. Better order early. $4.00 per 100; or 60 cts. per doz., by mail.
LOBELIA—Emperor William, finest Dwarf dark blue grown, very strong, bushy, 2-inch, $2.00 per 100.
JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses.
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WANTED.
6 or 8 LAUREL TREES. STANDARD.
Please state size and price. Must be in A No. 1 condition. Address
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CARNATION CUTTINGS
We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5 00	40
Prosperity	2 50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12 00	$100.00
Mrs. M. A. Patten	12 00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.
BACKER & CO.,
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Take my word for it and order FLAMINGO.
There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The Queen, an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.
S. S. SKIDELSKY,
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Rooted Carnation Cuttings NOW READY

Enchantress	per 100,	$6.00;	per 1000,	$50.00
Lillian Pond	"	5.00	"	40.00
The Queen	"	5.00	"	40.00

These are extra strong, healthy cuttings, well rooted.
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Eastern Violets—Extra fancy, 75c per 100

A COMPLETE LINE OF BULBOUS STOCK.

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Daffodils—Single and double	$2.00	$4.00
Tulips—All varieties	2.00	4.00
Narcissus—Paper White	2.00	4.00

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Dahlia Specialist. ATCO, N. J.

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 24.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	$ 2.50 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.50 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Extras	$10.00 to $15.00
" " Specials	4.00 to 8.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	4.00 to 8.00
Liberty, Firsts	25.00 to 50.00
" Seconds	6.00 to 12.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perle	4.00 to 8.00
Sunrise	5.00 to 10.00
Orchids, Cattleyas	50.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas.....$1.50 to $2.00 per doz.	
Daffodils	2.00 to 3.00
Daisies	.50 to .75
Freesia	3.00 to 5.00
Hyacinths, Roman	2.00 to 4.00
Lilac .. .. $1.00 to $2.00 per bunch	
Lillium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	1.00 to 5.00
Narcissus, Paper White	2.00 to 4.00
Pansies	.75
Myosotis	.50 to 1.00
Gardenias.....per doz.	3.00 to 5.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	3.00
" double	4.00 to 5.00
Violets, ordinary double	.75 to 1.00
" " single. ..	.40 to .50
" extra white	1.50

THE REVIEW is all right.—VICK & HILL Co.. Rochester, N. Y.

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PELARGONIUMS, 15 varieties, all named, **$2.25** per 100. Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

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PLANTS AND ROOTED CUTTINGS.	Per 100 R. C.	Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle, Kaiserin, Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS—2½-in., $4 per 100; 3-in., $8; 4 in., $12 50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

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New York, Feb. 24.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 30.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 15.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, 25c a bunch.	
Callas	8.00 to 12.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia 10c to 25c per bunch.	
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 6.00
Narcissus	1.00 to 2.00
Smilax	5.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.25 to .60

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Buffalo, Feb. 24.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Liberty	3.00 to 12.00
Meteor	3.00 to 10.00
Mrs. Morgan	3.00 to 6.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 10.00
Camellias	4.00 to 6.00
Daffodils	2.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
Lilac	10.00 to 15.00
Lil. Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.50 to .60
Smilax	12.50 to 15.00
Sweet Peas	.40 to .50
Tulips, single and double	3.00 to 4.00
Violets	.30 to .60

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Leucothoe Sprays, Green, 90c per 100.
Southern Smilax, fresh stock, per 50-lb. case, $6.00; per 25-lb. case, $3.50.
Green Sheet Moss, choice stock, $2.50 per barrel sack.
Sphagnum Moss, $1.75 per large bale.
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Importers and Manufacturers of
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300-306 Dearborn St. CHICAGO.
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TRAENDLY & SCHENCK,
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Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED.
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☞ A complete assortment of the best in the market can always be relied upon.
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DIRECT FROM THE GROWER
No Middleman.
BRIDES and MAIDS A SPECIALTY.
Prices lower than elsewhere. Try me.
FREDERICK D. STEIN,
(The Rose City.) MADISON, N. J.
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HOLTON & HUNKEL CO.
WHOLESALE FLORISTS.
MILWAUKEE, - WIS.
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GALAX! Galax!
C. W. BURLESON & SON,
LINVILLE, N. C.
The best place to get the best Galax Leaves. All orders receive personal and prompt attention. Prime stock. Prices right.
Mention the Review when you write.

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Tel. No. 1214 Madison Sq.
and
53 W. 28th St. (Basement)
Tel. 1797 Madison Sq.
Stands at Cut Flower Exchange Coogan Bldg., W. 26th St., and 34th Street Cut Flower Market.

— SPECIALTIES —
GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.
Mention Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 24

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100	$6.00 to 8.00
	Per 100
Bridesmaids, Specials	$8.00 to $10.00
" Firsts	4.00 to 7.00
Brides, Specials	8.00 to 10.00
" Firsts	4.00 to 7.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	4.00 to 7.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.50 to 2.00
Violets	.50 to 1.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	2.00 to 5.00
Freesia	2.00 to 4.00
Easter lilies, $2.00 per doz.	
Callas, $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 per doz.	

Milwaukee, Feb. 24.

	Per 100
Beauties, Extra	$25.00
" " No. 1	15.00 to 18.00
" " Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 6.00
Meteors	4.00 to 6.00
Perle	3.00 to 5.00
Carnations, Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri	2.00 to 3.00
Callas	10.00
Daffodils	2.00 to 3.00
Freesia	2.00
Hyacinths, Roman	2.00
" Dutch	3.00 to 4.00
Lily of Valley	3.00
Mignonette	2.00 to 3.00
Narcissus	3.00
Smilax	20.00
Sweet Peas	1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.50 to .75

Lily of the Valley

Finest Brand for Early Forcing.

$12.00 per 1000; $30.00 per case 2500; $1.50 per 100. This is fine stock and will give best satisfaction. Write for prices on large quantities.

FINEST CUT VALLEY always on hand

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Write for special quotations on large orders.

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WHOLESALE COMMISSION FLORIST,

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37-39 Randolph Street CHICAGO.

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WIETOR BROS.

Wholesale Growers of.. Cut Flowers

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51 Wabash Avenue, CHICAGO.

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51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

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Open from 7 a. m. to 6 p. m.

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WM. DILGER, Manager.

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All CUT FLOWERS in season.
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Send for Weekly Price List.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, Feb. 24.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Common	2.00
" Selects	2.50 to 3.00
" Fancies	3.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	2.00 to 4.00
Hyacinths, Roman	2.00 to 4.00
" Dutch	3.00 to 5.00
Lilium Harrisii	12.50 to 16.50
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.50
Tulips	3.00 to 4.00
Violets, ordinary	.35
" extra	1.25

Pittsburg, Feb. 24.

	Per 100
Beauties, Specials	$50.00 to $60.00
" Extra	30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	3.00 to 8.00
Brides and Maids, Specials	12.00 to 15.00
" " " Extra	8.00 to 10.00
" " " No. 1	5.00 to 6.00
" " " No. 2	3.00 to 4.00
Cusin	4.00 to 8.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 10.00
Cypripediums	10.00 to 15.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 6.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" Sprengeri, sprays	2.00 to 4.00
Callas	8.00 to 12.00
Daffodils	1.00 to 4.00
Daisies	1.00 to 2.00
Freesia	1.00 to 3.00
Hyacinths, Roman	.50 to 3.00
Lilac per doz.,	1.00 to 1.50
Lilium Harrisii	12.00 to 18.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	2.00 to 3.00
" fancy	4.00 to 5.00
Narcissus	1.00 to 3.00
Pansies	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets, ordinary	.25 to .50
" extra	.75 to 1.00

C. A. KUEHN

WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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WHOLESALE FLORIST,

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ST. LOUIS, MO.

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Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, Feb. 24.

	Per doz
Beauties, Specials	$6.00 to $8.00
" Extra	4.00 to 5.00
" No. 1	2.50 to 3.00
" Shorts	1.00 to 1.50

	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	8.00 to 10.00
Golden Gate	6.00 to 8.00
Liberty	4.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Common	2.50 to 3.00
" Selects	3.00 to 4.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	4.00 to 5.00
Mignonette	2.00 to 5.00
Narcissus	2.00 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	.75 to 1.00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets	.50 to .75

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

The FLORISTS' MANUAL

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

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THE FINEST OF EVERYTHING IN SEASON. PLENTY OF....SELECT VALLEY and AMERICAN BEAUTIES

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE.
Telephone Calls: 340 and 341 38th Street.

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Out-of-town orders of all kinds given careful and prompt attention.
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Tel. 192 Riverside,

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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ORDERS EXECUTED ARTISTICALLY.

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Orders Executed Artistically.

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4326-28 Olive Street, St. Louis, Mo.

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HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

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DETROIT, MICH.

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J. A. VALENTINE, Pres. DENVER, Colo.

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WILLIAM L. ROCK,

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1116 Walnut St., Kansas City, Mo.

Clarke Bros.

PORTLAND, ORE.

RETAIL FLORISTS.
(CONTINUED.)

WM. SCOTT,
Main and Balcom Sts.

Buffalo, N. Y.

S. B. Stewart,
119 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

It is stated that the U. S. Department of Agriculture has decided upon Chico, Cal., as the site of the Pacific coast station soon to be established.

SAN FRANCISCO.

The Market.

We have had an almost continuous downpour of rain for the past week and it is beginning to have the effect of shortening our supply of flowers, especially roses and carnations. Business, with the exception of funeral orders, has been quiet and as Lent has arrived the situation is not likely to improve to any extent. Beauty roses are few and far between and the only really good flowers I notice are Bridesmaid and Bride, and they are not abundant. Carnations are scarce and the best Lawson are selling today at 60 cents per dozen wholesale. Fancy varieties bring 75 cents and Hill, Estelle, Schwerin and Cressbrook 50 cents. Tulips are in their prime and the yellow and red sorts are being handled in large quantities. Rembrandt seems to be in the best demand and most of the flowers shown are of good quality. Valley is plentiful and sells fairly well, although some growers complain they are having a little difficulty in keeping their stock moving. Owing to the fact that many violets are grown on low ground and the rain has been so heavy that many of the growers have been unable to get on the field to pick, on several days of this week they were impossible to procure; however, we received an avalanche of them the past few days and the price has dropped. A few Marie Louise are seen but they will not be plentiful until next month. The wild maiden-hair fern, although a very poor keeping article, has had to take the place of the cultivated and it is a poor substitute. Smilax is about out of the race. Azaleas are displayed everywhere and they make an elegant showing. E. Schwerin has had the finest specimens I have seen in market this season and they are a splendid advertisement for his ability to handle them.

Notes.

H. B. McGowan has been appointed deputy superintendent of parks for the city of Oakland. Mr. McGowan was for many years with the Thermal Vale Nursery and is well known to the gardening fraternity.

There is some talk that our municipal authorities will regulate the peddling of flowers by the Italian venders on our public streets and compel them to move to less busy thoroughfares than they at present monopolize with their baskets. The Chronicle corner, one of the busiest spots in San Francisco, is a favorite place for them to congregate and some of the merchants as well as the florists are complaining. It is a long existing nuisance and it is probable that they will be driven completely off the streets along with the sandwich men and bootblacks who have all had to remove their stands inside the property line.

C. W. Scott, of Chicago, arrived in town this week. G.

FLORISTS' GREENS.

The florists of the Pacific coast are depending more each season on our native green stuff, both for background and trimming in floral designs and to use in bunches, or in the making of festooning for larger decorations. It is only within the past few years that the wild dagger ferns were made any use of and now they have become almost indispensable to the florists. We formerly used smilax for the edges of our set pieces and when that was not in season pittosporum tips or something of that nature. But now smilax is used almost entirely for festooning and several varieties of ferns have taken its place.

The cutting and marketing of the wild huckleberry, however, has become quite an industry among our Italian woodsmen and many tons of this beautiful native shrub are sent into the San Francisco market yearly. The demand is still growing so that the gatherers are pushing farther each year into the mountainous country in pursuit of this evergreen. The huckleberry grows in California to the height of eight feet and inhabits the coast ranges from Monterey to Vancouver island. Its leaves are of a particularly rich shining green and in the spring the stems are covered with white, waxen bells. It grows most luxuriantly on the high mountain ridges

Again we are calling the attention of all discerning florists to the merits of the RIGHT RIBBONS. Ribbons perfectly woven, and in colors matching nature's moods. The Rose, the Violet, the Carnation, the Foliage shades are almost perfection.
And yet—the RIGHT RIBBONS cost you less than the usual sort, for you buy direct from the mill, and "save all between profits."

The Pine Tree Silk Mills Company
Philadelphia

Merely a request for samples. The prices are so convincingly low, that your order will surely follow.

MONARCH—Satin Taffeta—**Climax.**
CONQUEROR—Metallique Taffeta—**CYCLONE.**

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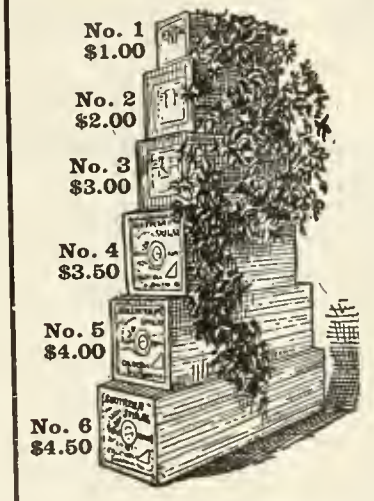
806-808-810 ARCH STREET.

Mention The Review when you write.



"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"
("THAT'S ALL")

This stock can be had only direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
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A full supply always on hand at these points and prices same as ours—plus cost of carriage

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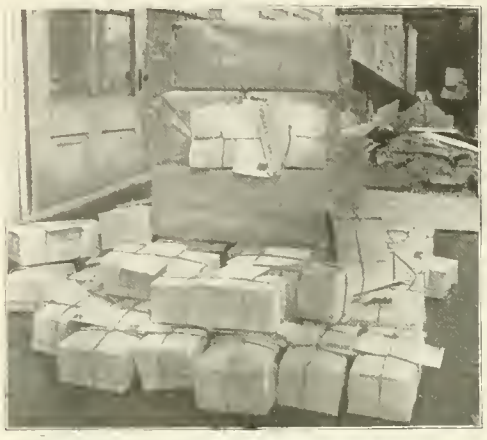
EVERGREEN, ALABAMA.

500,000 Unrooted Carnation Cuttings!



A DAY'S PACKING OF 41 ORDERS.

	Per 100	Per 1000	Per 5000
WHITE.			
Queen Louise	$0.55	$ 5.00	$23.00
Norway	.55	5.00	23.00
PINK.			
Argyle	.55	5.00	23.00
Mermaid	.55	5.00	23.00
Marquis	.55	5.00	23.00
Lawson	1.00	8.00	35.00
Cressbrook	.75	6.00	25.00
Success	1.00	8.00	35.00
CRIMSON.			
Harlowarden	1.50	12.50	50.00
Gen. Gomez	.55	5.00	23.00
YELLOW.			
Golden Beauty	.75	6.00	25.00
Eldorado	.55	5.00	23.00
Gold Nugget	.60	5.25	25.00
VARIEGATED.			
Violania, 4-inch bloom, fine	6.00	50.00	.....
Marshall Field	1.50	12.50	60.00
Stella	1.50	12.50	60.00
Mrs. Bradt	1.00	7.50	35.00
Armazindy	.55	5.00	23.00
SCARLET.			
America	.55	5.00	23.00
Mrs. Potter Palmer	.55	5.00	23.00
Apollo	.55	5.00	23.00

Cash or C. O. D. with privilege of examining.

Express prepaid at above prices.

FOR ROOTED CARNATION CUTTINGS SEE LATE ISSUES OF THIS PAPER.

California Carnation Co.

Lock Box 103. LOOMIS, CAL.

Mention the Review when you write.

in the fog nurtured portions of the redwood belt. Its abundant berries grow very juicy and delicious and are much sought for preserving and pie-making. The branches are cut to the length of three or four feet and bunched in bundles weighing about five pounds each. They keep splendidly from ten days to two weeks in water and cost the florists about 25 cents per bunch. This is easily the most valuable of our native greens and one that, although it has been handled but a few years, it would be indeed hard to do without.

The common fango or marsh grass is used in large quantities for parlor decorating and mixing with chrysanthemums and other large, long-stemmed flowers. It grows abundantly in our northern marshes and is bundled in bunches weighing four to five pounds and sells at 25 cents wholesale. Acacia molissima, although not a native tree, is in high favor at this time of the year, when it is in full bloom and its great bunches of fragrant yellow blossoms are seen everywhere. It is a fair keeper and very decorative. In the early winter in the south and somewhat later northward the wild currant (Ribes glutinosum) becomes a thing of beauty hardly to have been expected. The young foliage, of a clear, brilliant green, is gayly decked with the long clusters of peculiarly fresh pink blossoms. The stems and flowers have a strong heavy fragrance and keep well in water.

The holly-leaved barberry, Beberis aquifolium, is gaining great favor with us as a decorative green. Like the huckleberry, it grows on the high coast range mountains of both California and Oregon and at this season of the year the leaves are richly touched with bronze scarlet and yellow markings. In the springtime it is covered with masses of bright yellow blossoms and in the summer the leaves turn a beautiful dark glossy green.

The Californian trillium makes its appearance in market early in the spring and helps the florist to boom the season. They grow about a foot high and are very showy with their wine-colored blossoms. Like the wild flower I have just mentioned, our dealers make considerable use of the Solomon's seal during the months of March, April and June. It is gathered in vast quantities in our northern counties and shipped to market where it finds a ready sale. It is sometimes called wild valley but it belongs to an entirely different class of plants. Oak branches, buds and blossoms of several kinds of eucalyptus, flowering stems of the scrub willow and wild blackberry branches all help to decorate the florists' windows and fill in where flowers could not be used to advantage. G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

	100	1000
White		
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	3.40	30 00
Gov. Wolcott	3 40	30.00
Norway	1 20	10 00
Lillian Pond	5 00	45.00
Chicot	1 20	11.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	4 00	35.00
Pres. McKinley	5.00	45 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9 00
Scarlet		
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	5.00	45 00
Stella	3 00	25.00
Armazindy	1.00	9.00
Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination**; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., Loomis, Cal.

San Francisco.—The Retail Florists' Association, composed of twenty-eight of the leading retailers, has filed a protest with the Board of Works, seeking to secure the restriction of the privileges of the street venders who occupy prominent sidewalk stands and are said to sell $100,000 in stock each year.

Dreer's Reliable Flower Seeds

Do not delay ordering your requirements in seeds. We can fill your order more promptly now than we can when the Spring rush comes and stocks are liable to run out in March and April.

We offer below but a few articles of special value to florists.

Asparagus Plumosus Nanus (true).....$1.00 per 100 seeds; $7.50 per 1000
" **Sprengeri**..... 15c " 1.00 "

ASTERS. We take special pains to secure the very choicest Asters. We recommend Queen of the Market for early flowering, Comet, Peony Perfection and Victoria for mid-season, and our Late Branching for late. We also recommend the other American grown varieties.

QUEEN OF THE MARKET.

White..... 20c trade pkt.; 60c oz. Purple.....20c trade pkt.; 60c oz.
Lavender.....20c " 60c oz. Crimson.....20c " 60c oz.
Pink .....20c " 60c oz. Finest mixed.15c " 50c oz.

COMET.

Carmine.....30c trade pkt.; $1.50 oz. Dark blue.....30c trade pkt.; $1.50 oz.
White .....30c " 1.50 oz. Light blue ....30c " 1.50 oz.
Deep rose.....30c " 1.50 oz. Pink .....30c " 1.50 oz.
Finest mixed, 30c per trade pkt.; $1.25 per oz.

PEONY PERFECTION.

Crimson.....30c trade pkt.; $1.50 oz. Purple .....30c trade pkt.; $1.50 oz.
Light blue....30c " 1.50 oz. Bright pink...30c " 1.50 oz.
Brilliant rose 30c " 1.50 oz. White .....30c " 1.50 oz.
Finest mixed, 30c per trade pkt.; $1.25 per oz.

AMERICAN GROWN ASTERS.

Dreer's Superb Late Branching (Improved Semple's).

Pure white....25c trade pkt.; $1.00 oz. Purple .....25c trade pkt.; $1.00 oz.
Shell pink....25c " 1.00 oz. Lavender .....25c " 1.00 oz.
Rose pink....25c " 1.00 oz. Crimson.....25c " 1.00 oz.
Finest mixed, 25c per trade pkt.; 75c per oz.

Daybreak—Soft Daybreak pink.....40c per trade pkt.; $2.50 per oz.
Purity—A white Daybreak, fine.....50c per trade pkt.
Lavender Gem—Exquisite shade.....50c " "
Snowdrift—An early white Comet .....50c " "

Dreer's Superb Late Branching Aster.

PETUNIAS Our strain of **Single and Double Fringed Petunias is acknowledged to be without an equal.**

Superb Double Fringed.....75c per 500 seeds; $1.50 per 1000 seeds.
Superb Single Fringed.....50c per trade pkt.

Salvia Splendens (Scarlet Sage).....25c per trade pkt.; $1.00 per oz.
" " **Bonfire**.....40c " " 2.25 "
Verbena Mammoth, Pink.....30c " " 1.50 "
" " **Purple**.....30c " " 1.50 "
Verbena Mammoth, Scarlet.....30c per trade pkt.; $1.50 per oz.
" " **Striped**.....30c " " 1.50 "
" " **White**.....30c " " 1.50 "
" " **Finest Mixed**....25c " " 1.00 "

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention the Review when you write.

CARNATIONS

Sand-Rooted Cuttings

	100	1000		100	1000
White Cloud	$1.50	$12.50	Lawson	$2.25	$20.00
Queen Louise	1.75	15.00	Crane	2.25	20.00
Prosperity	2.25	20.00	Joost	1.50	15.00
Bradt	2.25	20.00	Enchantress	6.00	50.00

250 (at 1,000 rate). Cuttings sent C.O.D. or cash with order. Marie Louise Violet Cuttings, sand rooted, after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.

Mention The Review when you write.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7.00 per 100.	$60.00 per 1000	**Lawson**	$2.50 per 100.	$20.00 per 1000
Enchantress	6.00 "	.....	**Queen Louise**	2.50 "	20.00 "
McKinley	4.00 "	30.00 "	**Mrs. Bradt**	2.50 "	20.00 "
Estelle	4.00 "	30.00 "	**Flora Hill**	2.00 "	15.00 "
Nelson	3.50 "	30.00 "	**Mrs. F. Joost**	1.50 "	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., **Philadelphia, Pa.**

Mention The Review when you write.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Geo. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

Mention The Review when you write.

CARNATIONS

50,000 ROOTED CUTTINGS

The profitable ones to grow for Cut Flowers. Our stock is exceptionally fine. List of varieties and price sent on application.

C. AKEHURST & SON,
WHITE MARSH, MD.

Mention The Review when you write.

SPECIAL OFFER

Carnation Cuttings

Ready for Shipment

Our Cuttings are **perfection.** They can't be beat. Having a surplus of these varieties will make special prices for fifteen days. Strong rooted, free from disease.

Pink.	100	1000	**White.**	100	1000
Lawson	$1.50	$12.00	W. Cloud	$1.25	$10.00
Dorothy	1.50		Flora Hill	1.25	10.00
Joost	1.25	10.00	**Scarlet.**		
Marquis	1.25	10.00	Crane	1.50	14.00
White.			**Variegated.**		
Innocence	1.50		Prosperity	1.50	12.00
Glacier	1.50	12.50			

Geraniums — Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention the Review when you write.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000	**Pink.**	Per 100	1000
Lady Bountiful	$12.00	$100.00	Nelson Fisher	$12.00	$100.00
The Belle	12.00	100.00	Pres. McKinley	3.50	30.00
White Bradt	6.00	50.00	Floriana	2.50	20.00
Boston Market	4.00	35.00	Lawson	2.50	20.00
Gov. Wolcott	3.00	25.00	Marquis	2.50	20.00
Innocence	2.50	20.00	Dorothy	2.00	17.50
Glacier	2.00	17.50	Joost	2.00	17.50
Norway	2.00	17.50	Nelson	2.00	17.50
Lorna	2.00	17.50	Triumph	1.50	12.50
White Cloud	1.50	12.50	**Light Pink.**		
Variegated.			Enchantress	6.00	50.00
Mrs. Patten	12.00	100.00	Fair Maid	3.00	25.00
Mrs. Bradt	3.00	25.00	Elma	3.00	25.00
Prosperity	2.50	20.00	Morning Glory	2.00	17.50
Gaiety	2.50	20.00	Success	1.50	12.50
Stella	2.50	20.00	**Red.**		
Crimson.			Flamingo	12.00	100.00
Harry Fenn	5.00	45.00	Adonis	7.00	65.00
Gov. Roosevelt	2.50	20.00	Manley	4.00	35.00
Gomez	1.50	12.50	Estelle	3.00	25.00
Maceo	1.50	12.50	Crane	2.50	20.00

GERANIUM CUTTINGS.

Strong, stocky cuttings, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

CRUSADER 89 Points at Buffalo.

We consider the above score pretty good for a free-blooming, non-bursting carnation. Don't you?

Price $10.00 per hundred; $80.00 per thousand.

	Per 100	1000
Flamingo, fancy scarlet	$12 00	$100 00
White Lawson, pure white	12 00	100 00
Lady Bountiful, white	12 00	100 00
The Belle, white	12 00	100 00
Moonlight, white	10 00	75 00
Indianapolis, pink	12 00	100 00
Vesper, white	10 00	75 00
Enchantress, light pink	$5 50	$50 00
Her Majesty, white	4 50	40 00
Pres. McKinley, dk. pink	4 50	40 00
Gov. Wolcott, white	4 00	30 00
Mrs. Lawson, pink	2 00	17 50
Prosperity	2 00	16 00
Fair Maid	3 50	27 50
Harlowarden, crimson	$4 50	$40 00
Lillian Pond, white	4 50	40 00
D. Whitney, yellow	4 50	40 00
Estelle, scarlet	3 00	25 00
Mrs. Higinbotham, pink	4 00	30 00
Boston Market, white	3 50	27 50
Marshall Field, variegated	5 00	40 00

CHICAGO CARNATION COMPANY, James Hartshorne Manager. JOLIET, ILL.

TORONTO.

The Market.

Trade during the last two weeks and up to ash Wednesday was almost all that could be desired. The demand was good and, although we heard complaints of an oversupply of bulbous stock, yet that was not the fault of the market. This was the fault of the growers themselves, who overestimated the demand, and more bulb stock was forced in than the market at its best could consume. Roses have been fairly scarce, especially good stock. In carnations the supply of good stock about equals the demand, while the inferior grades have to hunt a purchaser. Since Lent began we have noticed a slackening of demand, and the supply does not seem to take the hint to hold up accordingly. However, at the time of writing, prospects point to a good week's business.

The severe weather has played havoc with the wholesale shipping business and the large retailers have felt it considerably, as well. Throughout Ontario during the last two or three weeks the express companies were backward about accepting perishable goods.

A Freeze Out.

We are sorry to have to report a very disastrous freeze-out with the Georgetown Floral Co., of Georgetown. This is a new concern, which took over the business of the Floral View Greenhouses and built a new plant last summer. It was considered one of the most up-to-date greenhouse plants to be found anywhere. During the night of February 15, with the temperature below zero and a stiff wind blowing, one pair of boilers sprung a leak. This left the whole strain on the other pair of boilers. The heavy firing in the endeavor to keep frost out was too much for them and before morning they gave out, leaving the whole plant without steam for some four or five hours, until repairs were made. During this time the temperature fell to about 18 degrees.

D. J. Sinclair, who has been at Preston Sulphur Springs for the past two weeks, has returned home much improved.

D. J.

Davenport, Ia.—Mrs. Otto Klingbiel died very suddenly February 16 at Mercy hospital where she had been taken for an operation.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS.

	Per 100	1000
Wolcott, white	$3.50	$25.00
2000 and over		22.00
Lawson, pink	1.50	12.00
2000 and over		11.00
Prosperity, var.	$2 00	$18.00
Lillian Pond, white	3 00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00

WE NEED ROOM.

	Per 100	1000
Joost, pink	$1.50	$12.00
Higinbo'am, lt. pink	1.50	12.50
Lorna, white	2.50	20.00

Prices in 2½-inch stock on application.

Booking orders for 2½-inch roses, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Mention Review when you write.

Carnation Cuttings. Healthy and Well Rooted Stock.....

Pres. McKinley	$4 50	per 100	$40.00	per 1000	
Lawson	2.50	"	20.00	"	
Mrs. Higinbotham	1.50	"	12.50	"	
Fair Maid	3.00	"	25.00	"	
Gov. Roosevelt	2.50	"	20.00	"	
Harlowarden	5 00	"	45.00	"	
May Naylor	4 00	"	35.00	"	
Lillian Pond	$5.00	per 100	$45.00	per 1000	
Wolcott	3.50	"	30 00	"	
Flora Hill	1.50	"	12.00	"	
Success	3.00	"	25.00	"	
Floriana	2.00	"	15.00	"	
Ethel Crocker	1.50	"	12.00	"	
Prosperity	3.00	"	25.00	"	

E. T. GRAVE, - - Richmond, Ind.

Mention The Review when you write.

DAHLIAS

WE MAKE A SPECIALTY OF DAHLIAS AND GROW IN LARGE QUANTITIES ALL THE LEADING NOVELTIES AND STANDARD VARIETIES. WRITE FOR PRICE LIST.....

Wagner Park Conservatories,
SIDNEY, OHIO.

Mention The Review when you write.

CARNATION CUTTINGS

	Per 100	1000
Enchantress	$6.00	$50.00
Queen	5.00	40 00
Lillian Pond	5 00	45 00
Prosperity	2.50	20 00
Lawson	2 50	20 00
Cressbrook	2.50	20.00
Challenger	$2 50	$20.00
Fair Maid	3 00	25 00
Harry Fenn	5.00	40 00
Gen. Maceo	2.50	20.00
Queen Louise	2 00	15 00
Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

TWO NEW WHITE CARNATIONS FOR 1904

Lady Bountiful and The Belle.

Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock. 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention The Review when you write.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100,	$2.50	Per 1000,	$20.00
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS.

58-60 Wabash Ave, CHICAGO.

Mention the Review when you write.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000		100	1000
Peru	$2.00	$15.00	White Cloud	$1.50	$12.50
Lawson	2.50	20.00	America	2.50	20.00
Flora Hill	1.50	12.50	Estelle	3.00	25.00

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. Chicago

Salesroom: 60 WABASH AVE., Tel. Central 3067.

Mention the Review when you write.

AMERICAN BEAUTIES.

We have a fine lot in 2 x 2½ inch that will be ready to go out early in March. Let us have your order and we will send you fine stock and guarantee satisfaction.

Headquarters for **BOSTON** and **PIERSON FERNS**—all sizes. Write us.

PLUMOSUS and SPRENGERI.

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES.

Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Ganevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

NEW LIGHT PINK CARNATION

NEW DAYBREAK

To the commercial grower who is looking for profit this variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000

Other new and standard varieties.

Chrysanthemums. The best new American and foreign varieties and best standard sorts

Write for price list.

H. WEBER & SONS, Oakland, Md.

Mention Review when you write.

100,000 Grafted Rose Plants.

We are now grafting on Manetti the above amount, all from choice **flowering wood,** no blind wood used at all, and offer for sale, ready for delivery April 1st: — **Brides and Maids,** $12 per 100; $100 per 1000. **Liberty,** $15 per 100.

If you wish to improve your stock **give grafted plants a trial.** Come and see our plants and compare them with other growers.

We also offer **CHATENAY Rose Plants,** 2¼-inch, $6.00 per 100; $50.00 per 1000.

ROSES — ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.

ROOTED CARNATION CUTTINGS.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2 50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6 00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2 50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20 00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

RICHMOND, IND.

The firm of Chessman & Schepman was visited by a disastrous fire on Sunday night, February 21. They had a range of nine houses and of these seven were practically destroyed and the contents ruined. The loss is estimated at $7,000 and there was but $1,000 insurance. The proprietors are hard working, conscientious men and popular in the trade. They have the sympathy of everyone in the setback they have suffered.

The Richmond Florists' Club met in regular monthly meeting at the greenhouses of E. T. Grave, with a goodly number present, President George R. Gause in the chair. In the absence of Mr. Schepman, who had been appointed to prepare the paper, the secretary read the paper, the subject being "Heat and Heating Systems," a subject near and dear to the heart of every florist. The paper brought out a full and free discussion by the growers. Refreshments were provided by the hosts of the evening. Mr. Schepman appointed Vernon D. Grave to prepare the paper for the March meeting, to be held at the ventilator works of John A. Evans.

L. H. Schepman is the proud father of a baby girl, born February 16.

CATALOGUES RECEIVED.

Luther Burbank, Santa Rosa, Cal., daisies; Crane Bros., Westfield, Mass., linenoid goods; Wilks Mfg. Co., Chicago, heaters; Wm. H. Moon Co., Morrisville, Pa., trees and shrubs; Otto Katzenstein, Atlanta, Ga., ornamental nursery stock; W. Atlee Burpee & Co., Philadelphia, prize supplement; Harvey B. Snow, Camden, N. Y., seeds; Thos. Meehan & Sons, Philadelphia, nursery stock; Wilhelm Pfitzer, Stuttgart, Germany, seeds and plants.

BUFFALO, N. Y.—On the evening of February 17 a fire was discovered in the basement of the store of John Pickelman, on West Chippewa street, but it was extinguished without great loss.

MINNEAPOLIS, MINN.—E. Nagel has closed his store on Nicollet avenue and will remove the stock and fixtures to his greenhouses.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903, scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1 50 "	12.50 "
Lorna	2.00 "	18 00 "
Viola Allen	3.00 "	25 00 "
Floriana	2.00 "	18 00 "
Queen Louise	2.00 "	18 00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2 00 "	18 00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

CARNATION CUTTINGS

	100	1000
Enchantress	$6 00	$50 00
Gov. Wolcott	4 00	35 00
Nelson	3 00	25 00
Estelle	3 00	25 00
Crane	2 50	20 00
Lawson	2 50	20 00
Glacier	2 00	20 00
Marquis	2 00	17 50
Gov. Roosevelt	2 50	20 00
Joost	2 00	15 00
Lorna	2 00	15 00
Queen Louise	2 00	17 50
Triumph	1 50	12 50

Rooted Chrysanthemum Cuttings in season.

BELL MILLER, Springfield, Ill.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready now, $10.00 per 100; $75.00 per 1000. Address

JEROME A. SUYDAM,
FLATBUSH, N. Y.

Orders may also be sent to the firm of SLINN & HUGHES, Coogan Bldg., New York City.

ROSE PLANTS.

STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
SUNRISE	5 00	40 00
KAISERIN	4 00	35 00
LIBERTY	$6 00	$50 00
MAID	3 00	25 00
BRIDE	3 00	25 00
PERLE	$3 00	$25 00
GOLDEN GATE	3 00	25 00
IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

WHITE.	Per 100	1000
GOV. WOLCOTT	$3 50	$30 00
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MABION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Lawson	$1.50	$12 50	Mrs. L. Ine	$1 50	$10.00
Oriole	1.50	12.50	Prosperity	2.00	15 00
Portia	1.20	9.00	Joost	1 20	9 00
Lorna	1.50	12.00	America	1 50	12.50
White Cloud	1 50	12.50	Flora Hill	1 50	10 00
Queen Louise	1 50	12 50	Mrs. P. Palmer	1.50	12 50
Mrs. Higinbotham				1.50	12 50

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3 50	30 00
American Beauties	3 50	30 00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2 75	$22.50
Brides	2 75	22.50
Two-year-old Beauties (cut down)	10.00	....
Asparagus Plumosus, 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,
NILES CENTER, Illinois.

Mention The Review when you write

—ROOTED—

CARNATION CUTTINGS

	100	1000
G. H. Crane	$2 50	$20 00
Mrs. Lawson	2 00	17 50
Mrs. Joost	1 50	12.50
Ethel Crocker	1.50	12 50
Wm. Scott	1.50	12.50
Flora Hill	1.50	12.50
Queen Louise	1 50	12 50
Norway	1.50	12 50

Cash or C. O. D.

St. Louis Carnation Co., Clayton, Mo.

Mention The Review when you write.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Rooted Carnation Cuttings.

SPECIAL LOW PRICES FOR TEN DAYS.

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$10.00	$10.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.25	10.00	40 00
RED.			
G. H. Crane	2 00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18 00	80.00
Mrs. Palmer	2.00	18.00	80.00

WHITE.	100	1000	5000
Flora Hill	$1.25	$10.00	$10.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Gov. Wolcott	3.50	27.00	125.00
LIGHT PINK.			
Enchantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100;	$12.50 per 1000	
Maid	1.50 "	12.50 "	
Golden Gate	$1.50 per 100;	$12.50 per 1000	
Ivory	1.50 "	12.50 "	

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

GERANIUMS

	Per 100
10 varieties, fine, 2½ inch pots	$3.00
Coleus—10 varieties, 2-inch pots	2.00
Vinca Var. Vines—2-in. pots	2.50
Alternantheras—Red and yellow, April 1.	2.00
Asparagus Plumosus Nanus Seed—1000, $7.00	1.00

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

Carnations

WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	8.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

ARAUCARIA EXCELSA, 6-in. pots, 20 23, 25 in. high, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3 00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.

Dracaena Broanti. 6-in. pots, 20 to 25 inches high, to make room for Easter plants, cut down from 50c to 35c.

Ficus Elastica, (Rubber Plants), 6-in. pots, from 20 to 28 inches high, at $3 00, $4.00, $5.00, $6.00 per doz.

Begonia Pres. Carnot, 6-inch pots, $2 50 per doz., in bud and bloom. Other varieties, mixed, 4-inch, $1 80 per doz.

Cyclamen in bud and bloom, 4-inch, $2 00 doz.

Primula Obconica in bloom, $1.80 doz.

Cinerarias, 6-inch, in bloom, now or for Easter, $3.00 doz.

Cash with order please. Plants are shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

Mention The Review when you write.

DECORATIVE PLANTS

PALMS

ARECA LUTESCENS.

	Plants in pot.	In. high.	Per doz.	100
3-in. pots,	2	12 to 15	$1.25	$10.00
4-in. "	3	15 to 18	3.00	20.00
5-in. "	3	18 to 24	5.00	40 00
6-in. "	3	28 to 30	1.00 each.	
7-in. "	3	30 to 36	1.50 "	
8-in. "	3	36 to 42	2.50 "	
10-in. "	3	48 to 5t	10.00 "	

COCOS WEDDELIANA.

A grand lot of 3-inch pots, 10 to 12 inches nigh, $2.00 per dozen, $15.00 per 100, $140.00 per 1000.

LATANIA BORBONICA.

	Leaves.	In. high.	Per doz.	100
3-in. pots,	5 to 6	12 to 15	$1.00	$8.00
4-in. "	5 to 6	15	2.50	20.00
6-in. "	5 to 6	18 to 20	6.00	50.00

KENTIA BELMOREANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00

KENTIA BELMOREANA.

	Leaves.	In. high.		
6-in. pots,	6	20 to 26	$1.00 each.	
6-in. "	6	28 to 30	1.25 "	
6-in. "	6 to 7	30 to 36	1.50 "	
7-in. "	6 to 7	30 to 36	2 00 "	
8-in. "	6 to 7	36	2.50 "	

KENTIA FORSTERIANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00
6-in. "	6	28 to 30	1.00 each.	
6-in. "	6	30 to 32	1.25 "	
6-in. "	6	32 to 36	1.50 "	
7-in. "	6	36	2.00 "	
8-in. "	6	42	2.50 "	
8-in. "	6 to 7	4 ft. high.	4.00 "	
8-in. "	6 to 7	4 to 4½ ft. high,	5.00 "	
9-in. "	6 to 7	5½ to 6 "	6.00 "	
10-in. "	6 to 7	5½ to 6 "	7.50 "	
10-in. "	6 to 7	5½ to 6 "	10.00 "	
10-in. "	6 to 7	6 "	12.50 "	
12-in. tubs,	6 to 7	7 "	20.00 "	
12-in. "	6 to 7	7 to 8 "	25.00 "	

MADE-UP KENTIA FORSTERIANA.

	Plants in pot.	In. high.	Per doz.	100
4-in. pots,	3	15	$4.00	$30.00
5-in. "	3	18 to 20	6.00	50.00
12-in. "	3 to 4	5½ to 6 ft. high,	12.50 each.	

	Plants in tubs.	Ft. high.	Each.
12-in. tubs,	3 to 4	6 to 7	$15.00
12-in. "	3 to 4	7 to 8	20.00

The plants at $15 00 and $20.00 each are the best values we have ever sent out in decorative plants. They will be found an excellent investment.

PHOENIX CANARIENSIS.

A fine lot of shapely, well-furnished plants of this useful, hardy decorative Palm in light wooden tubs, 3 feet high, $5.00 each.

FERNS FOR DISHES.

	For immediate use.	100	1000
2¼-inch pots, assorted varieties		$3.00	$25.00
3-inch " "		6.00	

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

RANDOM NOTES.

Thos. Murchie, of Sharon, Pa., will exhibit specimen blooms of his white seedling at the approaching carnation convention. At the time of my visit, a house of this promising addition to the list of new varieties was a fine sight, surpassing anything I have seen this season. It should make an ideal commercial carnation. It has been noted that many varieties do not succeed well in different locations, but Mr. Murchie facetiously remarked that this variety has proven well, being grown in two states, yet only in one house. He is charmed with Enchantress and considers it his most profitable pink and ranks it next to Lawson. It would be difficult to find a finer lot of Golden Gate roses than can be seen here just now. Fred Burki stopped over on his way from Bakerstown to Jamestown and with the writer spent a pleasant hour with the Messrs. Murchie, father and three sons.

J. J. Beck, of Newcastle, Pa., is one of the few who grow mushrooms under rose benches without detriment to either stock. Considering the outlay 40 to 60 cents per pound is not a bad figure. He devotes several houses to radishes, three varieties, Rosy Gem, Icicle and Cincinnati Market, and has obtained top prices in the Pittsburg market right through the winter. The last crop will be pulled in time to fill up the beds with spring stock. Lawson is his best carnation and does so well that he will devote 20,000 feet of glass next season to it. W. D. Fischer & Sons escaped the flood which at one time threatened their store. A quantity of wire designs broke away with the exception of the anchors, which held fast! Business has been fair of late, but not so good as last year at this time. Butz Bros. report similarly. Stocks are exceptionally good with bright prospects for Easter.

W. T. Bell & Sons, of Franklin, Pa., have made additions to their new plant at Belleville, which supplies the home trade with carnations.

R. C. Reynders, of Oil City, Pa., is rejoicing in the fact that there is a possibility of the extension of the firm name to Reynders & Son. The promising young scion arrived recently. W. M.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

100,000 Pansies.

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted. 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18.00 per 1000.

Samuel Whitton, 15-17 Gray Ave., **Utica, N. Y.**

Mention The Review when you write.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Dend. Chrysanthum and others. To arrive — **CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

Price list for the asking.

Mention The Review when you write.

PELARGONIUMS Named varieties, large plants, 2½-in. to 3-in. pots, $3.50 per 100; 25 at 100 rate. **Pansy Plants,** large lowering, nice, stocky plants $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias,** separate colors mixed, $3.00 per 100. CASH, PLEASE.

HENRY ERNST & SON,

WASHINGTON, MO.

Mention The Review when you write.

Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100: **$17.50** per 1000.

CASH WITH ORDER.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

CHRYSANTHEMUMS.

	Delivery to April 1. Per 100.	April and May Delivery, Per 100.
Mrs. Coombes	$3 00	$2.00
Yanariva	2.00	1.50
Alice Byron	6.00	4.00
June Cadbury	6 00	4.00
Mrs. Trantor, pure white	4 00	3.00
Adrian	2.00	1.50
Mrs. Robinson, ex. fine stk	1.50	1.25
Mrs. F. J. Taggart	2.00	1.50
F. J. Taggart	6 00	4.00
Robt. Halliday	2.00	1.50
Mrs. H. Emmerton	8.00	6.00

Prices are for rooted cuttings. Prompt shipment.

Orders booked for later delivery, not less than 25 of a kind at above rates. Send for price list of other varieties.

W. A. CHALFANT, Springfield, Mo.

Mention The Review when you write.

CHRYSANTHEMUM STOCK PLANTS.

Bergmann, Lady Harriet, Glory of the Pacific, Polly Rose, R. Halliday, Bassett, H. Robinson, The Queen, Ivory, F. Pullman, Perrin, J. Jones, Timothy Eaton, H. H. Rieman, 60c per doz. **Rooted Cuttings,** $1 50 per 100.

W. W. STERTZING, MAPLEWOOD P. O. **St. Louis, Mo.**

Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C** — Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18 00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2-in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

LOOK THIS ADV. OVER—

Asparagus Plumosus Nanus,

The true Nanus. There's lot of difference, per 1000, $6.50; per 5000, $30.00.

IMPROVED SHASTA DAISY SEEDS, per 1000, $1.00; per 5000, $4.00.

IMPROVED SHASTA DAISY PLANTS.....per 1000, $20.00; per 5000, $50.00.

HAND HYBRIDIZED CARNATION SEED, per 100, $1.00; per 1000, $9.00.

SMILAX SEED.....per oz., 25c; per lb., $2.00

GIANT PANSY SEED.....per oz., 4.00

WASHINGTON NAVEL ORANGE, specimen plants, 4 ft. high, $2 00 each. Try a few.

NEW PHENOMENAL RASPBERRY. From 12 plants last year we sold $24.00 worth of berries. 20 berries fill a quart box. It ships 2000 miles safely. They are the best paying fruit in California to-day, giving over $1200 an acre. Only a few 1000 to spare. Tips, doz., $2.00; per 100, $10.00.

CALIFORNIA POPPY CLUMPS — Golden Yellow, better than any tulip, **hardy.** Different from any other poppy grown .....clumps, per doz., $2.00; per 100, $10.00

Cash or C. O. D., with privilege of examining. 25 seeds or plants at 100 rate. 500 at 1000 rate. 2500 at 5000 rate. Express prepaid at above prices.

California Carnation Company, Loomis, Cal.

LOCK BOX 103

...NEW...

Chrysanthemums.

W. DUCKHAM, MILDRED WARE, BEN WELLS, F. A. COBBOLD, S. T. WRIGHT, Mrs. F. W. VALLIS and all other prize winners now ready for immediate delivery.

Grand Stock from 2½-inch pots.

We are Headquarters for these

Wells-Pockett Varieties.

Send for Price List.

CHAS. H. TOTTY - MADISON, N. J.

Mention the Review when you write

Cycas Revoluta!

Delivery March 1904 and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs.,	assorted.....	$60.00
500 "	"	32.50
100 "	"	7.50

Above goods are offered f. o. b. railroad freight depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

Mention The Review when you write.

Chrysanthemums

American Novelties. Also a complete line of **Australian, English** and **French** varieties, both new and standard sorts. For **prices** and **descriptions** address

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica,

12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2 50** " **$20** "
20 to 24 inches high.....**$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**
SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

FERNS - BOSTON and PIERSONI

POT-GROWN PLANTS. FINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.

Piersoni—Strong, rooted runners reduced to $5 per 100; 2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices. CASH WITH ORDER.

DAVIS BROS.,
MORRISON, ILL. — AND — **GENEVA, ILL.**

Roses

Special in 3-in. Golden Gate, Ivory and Liberty. All other stock ready to go out in 2 x 2½-in.

Asparagus Plumosus in seedlings, 2½, 3 and 4-in. Sprengeri in 2, 3 and 4-in.

GERANIUMS in R. C., 2, 2½ and 3-in.

COLEUS in R. C. and 2-in. Write—

GEO. A. KUHL, PEKIN, ILL.

FERNS -- BOSTON AND PIERSONI.

Mention The Review when you write.

Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2 inch ..... .50 "

Send for **Cryptomeria Japonica** circular we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa

Mention The Review when you write.

New Crop **ASPARAGUS PLUMOSUS AND SPRENGERI SEED** Special quotations on large quantities

HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.

Orders booked now for plants of ADIANTUM CROWEANUM, delivery July 1st.

GRAFTED ROSES on Manetti Stock.

BRIDESMAID, BRIDE, GOLDEN GATE, IVORY, FRANZ DEEGEN, $15 per hundred; $120 per thousand.

SAMUEL S. PENNOCK, 1612 LUDLOW ST., **PHILADELPHIA.**

Mention the Review when you write.

NOW READY. COLEUS ROOTED CUTTINGS.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5 per 1000. At purchaser's risk by registered mail, 75c per 100.

VINCAS (VAR.) from 3-inch pots.....$5 per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

Mention The Review when you write.

DUNNVILLE, ONT.

L. H. Weaver is not a large grower of carnations but is doing a nice business and adding to his plant every year. He has a carnation house 20x85 feet, with glass ends and side and grows first-class stock. Last year he averaged 61 cents per plant all through the house. Lawsons are extra and money makers but Joost is a close second; he has them of remarkable size. He tried a few Lorna but is disappointed with them; they are sprawly and did poorly until January; now they are giving some very good blooms, but the variety will be discarded. Harry Fenn is good but the flowers burst badly. White Cloud and Morning Glory are always good and pay well here. Estelle is short in stem and will be discarded for Crane, which is nearly as large a flower on a better stem.

LOUISVILLE, KY.

Business the past week has been all that could be desired, with a great deal of funeral work. White flowers are in demand. We are having some real winter weather here at present.

Jos. Coenen & Co. have a bench of Lawson carnations in fine shape that would be hard to beat anywhere.

Jacob Schulz's carnation houses are in fine shape. His Enchantress is the wonder of everybody, having large flowers and good, long stems.

Henry Fuchs will soon move to his new residence, adjoining his greenhouses.

Wm. Mann, out in the southern part of the city, reports trade good.

Nanz & Neuner made a handsome display in their show window on Valentine's day. It was admired by everybody who passed by.

John Bohrman, of Jos. Coenen & Co., is confined to his bed with a bad cold.

F. Walker & Co. report trade very good for February.

Hy. Lichtefeld.

Batavia, Ill.—The Williams & Sons Co. is preparing to rebuild its greenhouses and put the plant in modern shape.

Jersey City, N. J.—There is a pretty little story going the rounds as to how Daniel Cole put a cage containing a lion cub in his show window to attract attention to his flower store; the cub broke loose and destroyed the lion's share of the contents of the store.

GERANIUMS and MISCELLANEOUS STOCK.

From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana, per 1000 $20 00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pompon Chrysanthemums, large flowering or Aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.		
Coleus, 15 varieties....per 1000, $15 00,	40c	2.00
Dahlias, roots, $5.00 per 100; $40.00 per 1000. List of varieties on application.		
Fuchsias, in variety	50c	2 50
Hardy English Ivy....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings.. ..		.75
Heliotrope, in variety	40c	$2 00
Hibiscus, in assortment	60c	4.00
Forget-Me-Nots, large flowering....	40c	2.00
GERANIUMS, such varieties as Centaur, Gillean M. Gill, Double Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of the West, Single Gen. Grant, etc	40c	2.00
GERANIUMS—Scented, Balm, Nutmeg, Lemon, Shrubland Pet, Rose,	40c	2.00
Holt's Mammuth Sage, per 1000, $15 00,	40c	2.00
Lemon Verbena.....per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR.	50c	3 00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens. per 1000, $17.50		2.00
Smilax.....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Roses**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaris,** 2¼-inch pots	60c	2.50

Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3 00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

Mention The Review when you write.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, **Troy Hill, Allegheny, Pa.**

SEASONABLE STOCK.

	Per 100
Geraniums, all leading varieties, mix., 2½ in.	$2 25
Rose Geraniums, 2½-in	2 50
Ivy Geraniums, 2-in	2 00
Petunias, all colors, mixed, 2-in	2 00
Heliotropes, Jersey Beauty 2-in	2 25
Pelargoniums, mixed varieties, 2½-in	3 00

Rooted Cuttings—Feverfew, Vinca Var., Coleus and German Ivy, $1.00 per 100. Cash please

CONVERSE GREENHOUSES, Webster, Mass.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in. $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

To-Bak-Ine Fumigating ....Powder.

KILLS ALL KINDS OF APHIDES.

DIRECTIONS FOR A HOUSE 100x24 FEET.

50 lbs., $1.50; 100 lbs., $3.00.

Use four to five pounds of **TO-BAK-INE FUMIGATING POWDER,** equally divided into four or five portions, and placed on fine wire cloth or tin pie plates. Pour a little kerosene around on thin edge of piles and then light; it will burn slowly without blazing. Note the fumes of nicotine. Best to fumigate in moist atmosphere.

NOTE—An ordinary 6-inch POT will hold, heaping full, about a pound of TO-BAK-INE POWDER.

W. W. RAWSON & CO., 12 Faneuil Square, Boston, Mass.
HENRY F. MICHELL CO., 1018 Market St., Philadelphia, Pa.
H. E. WILSON.....Rochester, N. Y.
WM. F. KASTING, 481 Washington St., Buffalo, N. Y.
JOHN H. DUNLOP....5 W. King St., Toronto, Ont.
WM. BRINKER...329 Prospect St., Cleveland, Ohio.
MICHIGAN CUT FLOWER EXCHANGE, 26 Miami Ave., Detroit, Mich.
E. H. HUNT.....76-78 Wabash Ave., Chicago, Ill.
HOLTON & HUNKEL, 457 Milwaukee St., Milwaukee, Wis.
ST. LOUIS SEED CO., 615 N. Fourth St., St. Louis, Mo.
BARTELDES & CO.....1521 15th St., Denver, Colo.
E. W. McLELLAN & CO., 144 Union Square Ave., San Francisco, Cal.

DETROIT NICOTINE CO., Detroit, Mich.

Mention The Review when you write.

What You Save Makes You RICH.

What saves YOU worry and YOUR PLANTS from bugs?

"NICOTICIDE."

Tobacco Warehousing & Trading Co.
Louisville, Ky.

Mention the Review when you write.

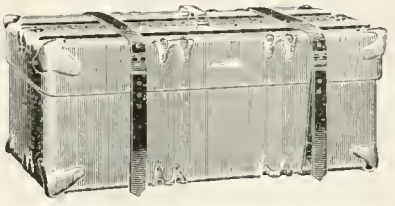
Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. *All dealers sell it!*

NICOTINE MFG. CO.
ST LOUIS MO.

LINENOID TRUNKS

FOR SHIPPING CUT FLOWERS.



NO.	LENGTH INCHES.	WIDTH INCHES.	DEPTH INCHES.	PRICE EACH.
1	30	16	12	$10.00
2	39	16½	13	12.00
3	50	16½	20	15.00

REED TRAYS EXTRA.

CRANE BROS., Westfield, Mass.
MANUFACTURERS OF
Linenoid Seamless Goods

Mention The Review when you write.

G. STERN,

Manufacturer of

Wax Flowers,

416 West Chicago Ave., CHICAGO, ILL.
STAND IN FLOWER GROWERS' MARKET, 60 WABASH AVE.

Mention Review when you write.

J. Stern & Co.

1928 Germantown Avenue, PHILADELPHIA, PA.

WAX FLOWERS,
FLORAL DESIGNS,
FLORISTS' SUPPLIES.

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SIGMUND GELLER

108 W. 28th St. NEW YORK CITY

Telephone No. 1747 J, Madison.

Importer, Jobber and Manufacturer of **Florists' Supplies**

Mention the Review when you write.

Improved Recording Thermometer

JUST THE THING
FOR YOUR GREENHOUSE

No. 200.
Send for catalogue and prices.

THE HELIOS-UPTON CO.,
PEABODY, MASS.

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES,
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

WRITE FOR NEW CATALOGUE.

Mention the Review when you write.

Fumigating Kind Tobacco Powder

KILLS ALL APHIS IN ONE NIGHT in a house 10x25 ft., at a cost of 10c. A 5 lb. trial pkg. will cost nothing if you will pay the express charges on it. Our booklet tells of it. Write Dept. D. for it.

The H. A. STOOTHOFF COMPANY
116, 117, 118 West St., N. Y. City

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ADIANTUMS.

Adiantum Croweanum. Orders booked now for July 1 delivery.
S. S. Pennock, 1612 Ludlow St., Phila.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratum St. Gurney and with R. C., 60c 100.
C. Schulze & Son, Flushing, N. Y.

ALTERNANTHERAS.

Alternantheras Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 1, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum Giant Double, white; rooted, $1.00 100; 2-in. pot plants, $2.50 100.
J. A. Keeney, Monongahela, Pa.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00; 3½-in., $5.00 100. All extra strong and need a shift. Cash, please.
J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, W. Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

700 Asparagus Sprengeri, 3-inch, $4.00 100. Cash. Wm. Keir, Pikesville, Md.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Springeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's "White Commercial" is the best commercial aster ever produced. Write for circular and prices.
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100 Aurea maniçata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

BEGONIA VERNON, red, white and pink, separate colors and mixed; strong plants from soil, $1.00 per 100; $8.00 per 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Pres. Carnot, 6-in. pots, $2.50 doz., in bud and bloom. Other var. mixed, 4-in., $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BULBS.

Begonias, single, tuberous rooted, sep. colors, 1 to 2-in., white, scarlet, rose, yellow, 35c doz., $2.25 100, $20.00 1000; dbl., sep. colors or mixed, 60c doz., $4.50 100, $35.00 1000.
Gloxinia crassifolia erecta, choice, named sorts, white, red, violet, blue, spotted, tigered, 50c doz., $3.50 100. All colors mixed, 40c doz., $3.00 100.

Caladium esculentums.	Elephant's ear. 12	100	1000
6x8-inch circ	$0.30	$2.00	$15.00
8x10-inch circ	.50	3.50	30.00
10x12-inch circ	.85	6.50	50.00
Tuberose Ex. dwf. Pearl, 3x4-inch		.50	4.00
4x6-inch	.15	.85	7.00
Lil. Harrisii, from cold storage. 5x7, case 400, $7.00			15.00
6x7, case 300, $7.00			20.00
Amarylllis Belladonna	.70	5.00	
Amarylllis Johnsonii, by., each, 25c	2.50		
Amaryllis formosissima (Jacobean lily)	.50	3.00	
Cinnamon vine, strong	.35	2.50	
Calla Richardia maculata	.40	2.50	

H. H. Berger & Co., 47 Barclay St., N. Y.

TUBEROUS ROOTED BEGONIAS. Finest strain, largest bulbs; separate colors in singles as scarlet, crimson, yellow, white, rose and orange, 40c per doz., $3.00 per 100, $25.00 per 1000; or single flowering in choice mixture, 35c doz., $2.50 per 100, $22.00 per 1000. Double flowering in separate colors as scarlet, rose, white and yellow, 65c per doz., $5.00 per 100, $40.00 per 1000; or in choicest mixture, 50c per doz., $4.00 per 100, $35.00 per 1000.
GLOXINIA CRASSIFOLIA GRANDIFLORA. Finest strain, strong bulbs either in separate colors or in mixture, 50c doz., $4.00 per 100, $35.00 per 1000.
HENRY A. DREER, Philadelphia, Pa.

20,000 dwarf Pearl tuberose bulbs, 4 to 6-in. in circ., at $4.00 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Lilium auratum,	12.	100.	1000.
8-9 (130 to case)	$0.65	$4.00	$38.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum album. 8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum rubrum. 8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00

Johnson & Stokes, 217-219 Market St., Phila.

8,000 Caladium esculentums, good live centers, 6 to 8 in., $1.25 per 100; $12.00 per 1000; 4 to 6 in., 60c per 100, $5.00 per 1000. See Canna adv.
Mrs. Theodora S. Ellis, Griffin, Ga.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

We are growers and wholesale dealers in high-class flowering bulbs. Prices, to the wholesale trade only, on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Richardia maculata alba, $12.50 per 1000. P. D. Barnhart, 1052 W. 35th St., Los Angeles, Cal.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

CANNAS.

35,000 cannas in the very best varieties, 2 to 3 eyes to the piece, true to name, perfectly sound; will be well packed for freight or express shipment; C. O. D., or will be booked for future shipment if one-fifth of order is remitted. Martha Washington, bright rose; Mlle. Berat, rosy carmine; L. Patry, salmon rose; F. Reif, salmon; Pres. Cleveland, orange scarlet; Chas. Henderson, crimson; Mme. Crozy, vermilion and gold; M. J. Desloges, dazzling orange scarlet; Duke of Marlborough, velvety maroon; Queen Charlotte, orange scarlet and gold. Price: $1.25 per 100; $12.00 per 1000.
Alemannia, scarlet and gold, very large; Burbank, canary yellow, throat spotted with crimson. Price: 50c per 100; $7.50 per 1000.
See Caladium adv. under bulbs.
Mrs. Theodora S. Ellis, Griffin, Ga.

Pres. McKinley	Kronos	Alemannia
Pres. Cleveland	Ad. Dewey	Robusta
Chas. Henderson	Peach Blue	Egandale
Aphonse Bouvier	R. Christy	L. Vaughan
Ex. Crampbell	Defender	Mlle. Berat
Chicago	Eisele	America
Duke Marlboro	Berckmans	Shenandoah
Fl. Vaughan	Alsace	Burbank
Fl. Vaughan (dwarf)	Black Prince	Eldorado
	Avellan	Mme. Crozy
Paul Marquant		

Empress of India, fine pink.
$1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100	Pres. Cleveland.
Bassett's Red, $3.00 100	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100
Egandale, $3.00 100.	
Florence Vaughan.	Souv. de A. Crozy.

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Cramphell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas. Strong tubers, 2 to 3 eyes, all sound, fine stock, $1.00 per 100; $8.00 per 1000. Austria, Burbank, Childsii, Alemaunia, Chas. Henderson, Ex. Crampbell. All true to name.
W. R. Gray, Oakton, Fairfax Co., Va.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 per 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas. All the best standard sorts, 30c doz., $2.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

Pink.	100.	1000.	5000.
Lawson	$1.25	$10.00	$40.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.25	10.00	40.00
Red			
Craoe	2.00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
White.			
Hill	1.25	10.00	40.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Wolcott	3.50	27.00	125.00
Light Pink.			
Eochantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill	1.50	12.50	G. Angel	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt	$2.50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt	2.50	20.00	America	2.50	20.00
W. Cloud	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory	2.50	20.00	G. Nugget	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Bountiful	$12.00	$100.00	Fisher	$12.00	$100.00
The Belle	12.00	100.00	McKinley	3.50	30.00
Bradt	6.00	50.00	Floriana	2.50	20.00
B. M'ket	4.00	35.00	Lawson	2.50	20.00
Wolcott	3.00	25.00	Marquis	2.50	20.00
Innocence	2.50	20.00	Dorothy	2.00	17.50
Glacier	2.00	17.50	Joost	2.00	17.50
Norway	2.00	17.50	Nelson	2.00	17.50
Lorna	2.00	17.50	Triumph	1.50	12.50
W. Cloud	1.50	12.50			
Variegated.			Light Pink.		
Patteo	12.00	100.00	Eochant.	6.00	50.00
Bradt	3.00	25.00	Fairmaid	3.00	25.00
Prosp'ity	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory	2.00	17.50
Stella	2.50	20.00	Success	1.50	12.50
Red.					
Flamingo	12.00	100.00	Crimson.		
Adonis	7.00	65.00	Fenn	5.00	45.00
Maoley	4.00	35.00	G. R'velt	2.50	20.00
Estelle	3.00	25.00	Gomez	1.50	12.50
Crane	2.50	20.00	Maceo	1.50	12.50

W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham	5.00
Loroa	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Red—		Dorothy	2.00
Mrs. P. Palmer	3.00	Sunbeam	2.50
J. H. Maoley	4.00	Morning Glory	1.50
Oriole	2.50	Mrs. Joost	1.25
G. H. Crane	2.00	Daybreak	1.25
Jubilee	1.50	Wm. Scott	1.25
Portia	1.25	Crocker	1.25
Yellow—		Mermaid	2.00
D. Whitney	5.00	Floriana	1.50
Buttercup	3.00		
Gold Nugget	2.00	Crimsoo—	
Eldorado	1.25	Harry Fenn	5.00
Variegated—		Gov. Roosevelt	2.50
Prosperity	2.50	Gen. Maceo	1.50
Mrs. G. M. Bradt	3.00		

J. L. Dillon, Bloomsburg, Pa.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	100	1000	White.	100	1000
Lawson	$1.50	$12.50	Murphy's		
Nelson	2.50	20.00	White	$3.00	$25.00
G'n Angel	1.25	10.00	Wolcott	3.50	30.00
H'botham	2.00	15.00	Flora Hill	1.25	10.00
Sybil	3.00	25.00	Wh. Cloud	1.25	10.00
McKinley	3.00	25.00	Peru	1.25	10.00
Joost	1.25	10.00	Q'n Louise	1.25	10.00
Red.			Norway	1.25	10.00
Estelle	2.50	20.00	Gov.L'udes	3.00	25.00
Mrs. Ine	1.25	10.00	Marion	1.25	10.00
Chicago (Red Bradt)	2.00	15.00	Variegated.		
H'low'deo	3.00	25.00	Bradt	2.00	15.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

500,000 unrooted carnation cuttiogs.

Yellow	100.	1000.	White.	100.	1000.
G. Beauty	$0.75	$6.00	Q. Louise	$0.55	$5.00
Eldorado	.55	5.00	Norway	.55	5.00
Gold Nugget	.60	5.25	Pink.		
Variegated.			Argyle	.55	5.00
Violania	6.00	50.00	Mermaid	.55	5.00
Field	1.50	12.50	Marquis	.55	5.00
Stella	1.50	12.50	Lawson	1.00	8.00
Bradt	1.00	7.50	Cressbrook	.75	6.00
Armazindy	.55	5.00	Success	1.00	8.00
Scarlet.			Crimson.		
America	.55	5.00	Harlowarden	1.50	12.50
Palmer	.55	5.00	Gen. Gomez	.55	5.00
Apollo	.55	5.00			

Cash or C. O. D. with privilege of examining. Express prepaid at above prices. See displayed adv. for special low price on 5000 of one variety.
California Carnation Co., Box 103, Loomis, Cal.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	3.40	30.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.20	10.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Maoley	3.50	30.00
Chicot	1.20	11.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	Harlowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	5.00	45.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	4.00	35.00	Armazindy	1.00	9.00
P. McK'ley	5.00	45 00	Gaiety	3.00	25.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

We are now booking orders for the following first-class carnations, guaranteed to be strictly A1 cuttings and well rooted:

The Queen, positively the best white; 5000 plants in stock for cuttings; $5.00 100; $40.00 1000.

	100	1000		100	1000
Enchantress	$6.00	$50	Manley	$3.00	$25
Fair Maid	3.00	25	Floriana	2.00	15
Lawson	3.00	25	Stella	3.00	25
Harry Fenn	5.00	40	Cash with order, please.		

GEO. E. BUXTON, Nashoa, N. H.

Carnation cuttiogs. Healthy, well-rooted stock.

	100.	1000.		100.	1000.
Pond	$5.00	$40	Her Majesty	$5.00	$40
Wolcott	4.00		Q. Louise	2.00	18
Enchantress	6.00	50	Queen	5.00	40
Fairmaid	3.00	25	Prosperity	3.00	25
Lawson	3.00	25	Estelle	4.00	30
Adonis	8.00		Nelson	3.50	30
Lowodes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty	3.00	25
M. Field	5.00		Hill	1.50	12
Joost	1.50	12			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.
Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Carnations.	Rooted cuttings. 100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	—
Mrs. Joost	2.00	15	J. H. Manley	3.00	—

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Creasbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crusader	$10.00	$80.00	Eochant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W.Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful	12.00	100.00	Wolcott	4.00	30.00
The Belle	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity	2.00	16.00
Ind'napolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'deo	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Rooted carnation cuttings. INDIANAPOLIS, $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1.50	$12.50	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKioley	3.00	
V. Allen	3.00	25.00	H'lowarden	5.00	
H. Majesty	5.00		G.Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

Well rooted carnation cuttings, extra fine.

	100		100
Glacier	$2.00	Fraoces Joost	$2.00
Queen Louise	2.00	G. H. Crane	2.50
Boston Market	3.50	Challenger	2.50
Gov. Wolcott	3.50	G. H. Manley	2.50
Lillian Pond	5.00	Harry Feno	3.00
The Queen	5.00	Gen. Maceo	2.00
Mrs. Lawson	3.00	Mrs. Bradt	2.50
Fair Maid	3.00	Prosperity	3.00
Morning Glory	2.00	Admiral Cervera	3.00

Write for special prices on large lots.
Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Feno	5.00	40	N. Fisher	12.00	100
Patteo	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

Carnation cuttiogs. Well-rooted, strong, healthy.	100	1000		100	1000
Lawson	$1.50	$12.50	Prosperity	$2.00	$15.00
Oriole	1.50	12.50	Joost	1.20	9.00
Portia	1.20	9.00	America	1.50	12.50
Lorna	1.50	12.00	Hill	1.50	10.00
W. Cloud	1.50	12.50	Palmer	1.50	12.50
Q. Louise	1.50	12.50	Higinbot'm	1.50	12.50
Mrs. Ioe	1.50	10.00			

Cash with order, please.
John Brod, Niles Center, Ill.

Rooted carnation cuttiogs. Special prices.

	100	1000		100	1000
Wolcott	$3.50	$25.00	Joost	$1.50	$12.00
Lawson	1.50	12.00	Pond	3.00	25.00
Palmer	1.50	12.00	H'botham	1.50	12.50
Prosperity	2.00	18.00	Lorna	2.50	20.00

Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS—Continued.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market. $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

Rooted carnation cuttings ready for immediate shipment.

	100	1000
Judge Hinsdale (Ward), white	$12.00	$100.00
The President (Ward), crimson	12.00	100.00
Ethel Ward (Ward), rose-pink	12.00	—
Mackinac (Ward), white	10.00	75.00
Christmas Eve (Ward), scarlet	10.00	—

5 per cent off for cash with order. Catalogue mailed upon application.
Cottage Gardens, Queens, N. Y.

Carnation cuttings, healthy, well-rooted stock.

	100	1000		100	1000
McKinley	$4.50	$40.00	Pond	$5.00	$45.00
Lawson	2.50	20.00	Wolcott	3.50	30.00
Hig'botham	1.50	12.50	F. Hill	1.50	12.00
Fairmaid	3.00	25.00	Success	3.00	25.00
G. Roosevelt	2.50	20.00	Floriana	2.00	15.00
H'lowarden	5.00	45.00	Crocker	2.00	15.00
M. Naylor	4.00	35.00	Prosperity	3.00	25.00

E. T. Grave, Richmond, Ind.

WESTERN GROWERS, TAKE NOTICE. SPECIAL PRICES.
Healthy, well-rooted carnation cuttings.

	100		100
Gov. Wolcott	$3.00	McKinley	$3.00
Estelle	2.00	Mary Wood	1.50
Lawson	1.50	Scott	1.00
Prosperity	2.00		

Extra strong stock.
Wm. L. Rock Flower Co., Kansas City, Mo.

Rooted carnation cuttings.

	100	1000		100	1000
Enchant	$6.00	$50.00	Marquis	$2.00	$17.50
Wolcott	4.00	35.00	G. Roosevelt	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	15.00
Estelle	3.00	25.00	Lorna	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50
Glacier	2.50	20.00			

BELL MILLER, Springfield, Ill.

ROOTED CUTTINGS—CARNATIONS.

	1000.	100.		1000.	100.
Queen Louise	$10	$1.25	Melba	$10	$1.25
Goodenough	10	1.25	Joost	10	1.25
Gen. Gomez	10	1.25	Fair Maid	20	2.50
Floriana	10	1.25	Harry Fenn	30	3.00
Dorothy	10	1.25			

Quality of cuttings guaranteed or money refunded. J. H. Cushing, Quidnick, R. I.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$12.00	Glacier	$1.50	$12.50
Dorothy	1.50	—	W. Cloud	1.25	10.00
Joost	1.25	10.00	Hill	1.25	10.00
Marquis	1.25	10.00	Crane	1.50	14.00
Innocence	1.50	—	Prosperity	1.50	12.00

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings. Enchantress, $6.00 100, $50.00 1000. Lillian Pond and The Queen, $5.00 100, $40.00 1000. These are extra strong and well rooted.
Larchmont Nurseries, Larchmont, N. Y.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lillian Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cresshrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	—

Isaac H. Moss, Govanstown, Md.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchantress	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100	1000		100	1000
Hill	$2.50	$20.00	The Sport	$2.50	$20.00
Lawson	3.00	25.00	Hig'botham	3.00	25.00
Peru	3.00	25.00	W. Cloud	2.50	20.00
America	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

50,000 rooted carnation cuttings. Our stock is exceptionally fine. Send for list of varieties and prices.
C. Akehurst & Son, White Marsh, Md.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Carnations, sand-rooted cuttings.

	100	1000		100	1000
W. Cloud	$1.50	$12.50	Prosperity	$2.25	$20.00
Q. Louise	1.75	15.00	Lawson	2.25	20.00
Bradt	2.25	20.00	Crane	2.25	20.00
Joost	1.50	15.00	Enchant	6.00	50.00

250 at 1000 rate. Cash or C. O. D.
A. Laub & Son, Hughsonville, N. Y.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Belle, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Rooted carnation cuttings. Cash or C. O. D.

	100.	1000.		100.	1000.
Crane	$2.50	$20.00	Joost	$1.50	$12.50
Lawson	2.00	17.50	Crocker	1.50	12.50
Scott	1.50	12.50	Hill	1.50	12.50
Q. Louise	1.50	12.50	Norway	1.50	12.50

St. Louis Carnation Co., Clayton, Mo.

Rooted cuttings. Thos. W. Lawson, now ready. My stock is clean and healthy. No stem-rot. I take cuttings from flowering wood only. Reference: Mr. Geo. Saltford, 46 W. 49th St., N. Y., as to quality of stock. $3.00 per 100; $25.00 per 1000.
V. Hugo Pilat, Ossining, N. Y.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings, fine healthy stock.

	100	1000
Enchantress	$6.00	$50.00
Gov. Wolcott	5.00	40.00
Lawson	2.50	20.00
Genevieve Lord	1.75	15.00
White Cloud	1.75	15.00

J. M. Gasser Co., Euclid Ave., Cleveland, O.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.
H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings.

	100	1000		100	1000
Lawson	$1.50	$12.50	Lord	$1.00	$8.00
G. Angel	1.00	8.00	Hill	1.25	10.00
Joost	1.00	8.00			

J. J. Lampert, Xenia, Ohio.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$2.00	$15.00	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.50	20.00	Estelle	3.00	25.00

H. Hansen, 4016 No. Clark St., Chicago.

	100.	1000.		100.	1000.
Queen	$3.75	$37.00	Lawson	$1.60	$14.50
Enchant	5.00	45.00	Prosperity	1.60	13.50

All other varieties at equally low prices. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, $10.00 100, $75.00 1000.
Jerome A. Suydam, Flathush, N. Y.

ROOTED CARNATION CUTTINGS.

	100		100
Enchantress	$5.00	Fair Maid	$2.50
Queen	4.00	Lawson	2.50

H. F. Littlefield, Worcester, Mass.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.
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Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crown Point Floral Co., Crown Point, Ind.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
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Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Blatchley, Plantsville, Conn.

Rooted cuttings of Gen. Maceo, $1.50 100, $12.50 1000, or will exchange for fuchsias, coleus, verbena cuttings or dbl. petunias. Write what you have.
Frank T. White, Holbrook, Mass.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.
Sidney Littlefield, North Abington, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
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Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

Rooted cuttings. Lawson, $2.50 100; Cervera, $2.00 100; Queen Louise, $2.00 100; Goethe, $3.00 100; Genevieve Lord, $2.00 100.
H. Weston, Hempstead, N. Y.

Carnation rooted cuttings. 800 Lawson, 800 Prosperity, 500 Marquis, 500 F. Hill and 1000 Joost, $1.00 per 100; $9.00 per 1000.
E. B. Lewis, Lockport, N. Y.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.
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Carnations. Rooted cuttings of Prosperity at $2.25 per 100, by mail postpaid.
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FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.
Otto Bourdy, Lowell, Mass.

Rooted cuttings of Queen Louise and Joost, $1.25 100 prepaid.
G. A. Thiele, Frankfort, Phila., Pa.

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Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Bonita, Yanoma, Orizaba, Lincoln, Monrovia, John Shrimpton, G. W. Childs, Nagoya, Rieman, Mrs. Coombes, from sand, $2.60 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Walter Molatsch, Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, pink and white; Willowbrook, Helen Bloodgood, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
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NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Bergmann, Lady Harriett, Glory of Pacific, Polly Rose, R. Halliday, Bassett, H. Robinson, The Queen, Ivory, F. Pullman, Perrin, J. Jones, T. Eaton, H. H. Rieman, 60c doz.; rooted cuttings, $1.50 100. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

Hardy pompon chrysanthemums; large flowering or aster varieties, $3.00 per 100; smaller or button varieties, $2.00 per 100. Special price on large lots. List of 125 varieties with cultural directions, and the best varieties for their several different uses, for the asking.
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Chrysanthemum rooted cuttings. Orders booked now for April and May delivery. Send for price list of varieties.
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Chrysanthemums. All the new and standard varieties at lowest prices.
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Mums. Rooted plants of Glory of Pacific, $1.25 100; T. Eaton, $1.50 100. Both by mail, postpaid. A. B. Campbell, Cochranville, Pa.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
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Chrysanthemums, young plants, $2.50 per 100. The McGregor Bros. Co., Springfield, Ohio.

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Cinerarias, 6-in., in bloom, now or for Easter, $3.00 doz.
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Clematis paniculata, 2½-in., $3.00 100; 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Clematis coccinnea, $40 to $45; cripa, $35 to $40 per 1000. William Tell, Austin, Tex.

Clematis, 6 distinct kinds, 2-year, $2.00 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

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Coleus in assortment, 2-in., $2.00 per 100. Brilliancy, Model, Humer and Gaiety (as large as Brilliancy,- but very finely mottled) in assortment, 50c per doz.; separate, 60c.
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Strong, well-rooted cuttings of coleus—Golden Bedder, Crimson Verschaffeltii, Fire Brand and Rainbow, 75c per 100, $6.00 per 1000. Cash with order, please.
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Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write
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Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
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Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
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Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
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Coleus, 10 var., 2-in., $2.00 100. Cash.
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Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash. S. D. Brant, Clay Center, Kan.

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Coleus, 15 choice kinds, 60c per 100.
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Coleus. 15 var., 2-in., $2.00 100.
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Cryptomeria japonica. We are headquarters for it. Write us.
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Cycas revoluta stems, 1000 lbs., assorted, $60.00; 500 lbs., $32.50; 100 lbs., $7.50.
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Cyclamen, fine plants in bloom from 4-in. pots, $4.00 per doz.; 5-in. pots, $6.00 per doz. Well set with buds from 4-in. pots, $3.00 per doz.; $15.00 per 100.
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Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
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Cyclamen, blooming and in bud; fine stock, 4-in., $12.00; 5-in., $20.00 and $30.00 per 100.
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Cyclamen, in bud and bloom, 4-in., $2.00 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

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Dahlias. Ten gold medals awarded in 1903. Pot roots for shipment at once. Every section, including the popular CACTUS DAHLIAS, $4.00 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 100. Terms cash. 144-page catalogue free.
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Send for catalogue of dahlias, hollyhocks and hardy herbaceous plants.
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Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
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Single dahlias—mixed—size of pot-grown roots—extra fine strain—almost endless variety of form and color—$1.50 per 100; $10.00 per 1000. Very small roots, half price. Cash.
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Dahlias. A fine collection of show, decorative, cactus and pompons. Field-grown roots, $6.00 per 100, $50.00 per 1000. Send for list.
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We make a specialty of dahlias and grow in large quantities all the leading novelties and standard varieties.
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Improved Shasta daisy plants, $20.00 1000, $50.00 5000; 500 at 1000 rate, 2,500 at 5000 rate. Cash or C. O. D. with privilege of examining. Express prepaid at above prices.
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Daisies. Strong September transplanted English daisies (Snowball and Longfellow), wintered in frames and now in bud and bloom, fine for Easter, at $1.00 100; $7.00 1000. Cash.
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3-inch pots,	$0.75 doz.	$ 6.00 100
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5-inch pots,	2.50 doz.	20.00 100
6-inch pots,	3.50 doz.	25.00 100

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Dracaena Bruanti, 6-in. pots, 20 to 25 in. high, 35c.
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Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
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Japan dbl. fl. cherries, pot grown, fancy twisted, 75c each, $7.50 doz. Multigrafted maples, various sorts on one stem, Atropurpureum sanguineum, variegated, etc., 50c each, $5.00 doz. Grafted on two stems, figured, 60c each, $6.00 doz.
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CIBOTIUM SCHIEDEI.

Do not be without this beautiful fern. Only a small quantity left. Fine healthy stock. 3-in., $30.00 per 100, 25 at 100 rate; 10-in., extra large specimens, $4.50 each, $50.00 per doz.

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Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
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Japanese fern balls, 1st size, 5 inches, 20c each, $2.25 doz., $14.00 100. Extra large, 7 to 8 inches, 35c each, $3.00 doz., $22.00 100.
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Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
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Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—strong rooted runners reduced to $5.00 100; 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
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ADIANTUM CUNEATUM. A large stock in prime condition.

3-inch pots	$ 6.00 per 100
4-inch pots	10.00 per 100
5-inch pots	15.00 per 100
6-inch pots	25.00 per 100

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Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-inch., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Ferns—	100	1000
Anna Foster, 2½-in.	$4.00	$35.00
Anna Foster, 3-in.	6.00	
Boston, 2½-in	4.00	35.00
Boston, 3-in	6.00	

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I make a specialty of small ferns for jardinieres, etc. A good variety of the right kinds and nice bushy stock, 2¼-in., $3.00 100; $25.00 1000. Pierson ferns, 2¼-inch, $10.00 100.
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Boston ferns at half price, 5 and 6-inch pots, per 100, $16. Plants ready for 3-in. pots, 3c each. Asparagus Sprengeri, 4-in., $4.50 100. Cash with order.
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Boston ferns, 2½-in.	$4.50 per 100
3-in	7.00 per 100
4-in	12.50 per 100

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JAPANESE FERN BALLS, 7 to 9 inches, in prime condition, $3.00 per doz., $25.00 per 100. HENRY A. DREER, Philadelphia, Pa.

Japanese fern balls, 7x9-in., grown one year in Japan, 30c each, $3.00 doz., $22.50 100.
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1000 fine Piersoni in 3-in. at $20.00 per 100—ready for 4-in. Healthy, clean stock.
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A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write.
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Piersoni ferns from bench, ready for 8-in., $1.00 each.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
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Boston ferns, strong 4-in., $12.00 and $15.00 per 100.
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Fresh imported fern balls, 5-7 and 7-9 inches.
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Piersoni and Bostons. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Boston ferns, from bench, for 5-in., 8c. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, strong 2½-in., $4.00 per 100.
Krueger Bros., Toledo, O.

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Feverfew Little Gem, $1.00 100, by mail.
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Forget-me-nots, large-flowering, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Forget-me-nots, winter-flowering, out of 2½-in., $2.00 100. J. C. Schmidt Co., Bristol, Pa.

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Fuchsia Black Prince, Carmen Sylva, Marenga, Speciosa, Early Dbl. White and several other desirable varieties, 2-in., $2.00 per 100; also few novelties. For prices write. R. C. of above named varieties ready March 1 at $1.25 per 100. N. O. Caswell, Delavan, Ill.

Fuchsias, including Dreer's, E. G. Hill, Black Prince and others, from soil, $1.75 per 100. Cash with order.
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Fuchsia Little Beauty, the best novelty grown, 2½-in. plants, $5.00 100; rooted cuttings, $3.00 100. Elm City, rooted cuttings, $1.50 100.
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Fuchsias, best kinds, $1.00 100, by mail.
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Fuchsias, assorted, $2.50 per 100.
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40,000 strong, 2-in., Nutt, Heteranthe, Dbl. Grant, Mme. Salleroi, $20.00 per 1000. A. Ricard, Poitevine, J. Viaud, Perkins, Buchner, $2.50 per 100. Boisdeffre, Mme. Barney, Castellane, Charotte, Landry, Kleber, Miss Kendall, Granville, Thos. Meehan, Le Soleil, Rosebud, Countess of Harcourt, Tilliman and ivy leaved, $3.00 per 100; 40c doz. Black Douglas, Mrs. Pollock, Mt. of Snow, Trego and Little Pink, $5.00 per 100. Cash with order. All standard bedding plants in season, rooted cuttings and seedlings.
Ludwig Mosbaek, 85th St., nr. South Chicago Ave., Chicago, Ill.

Geraniums. Centaur, G. M. Gill, Dbl. Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, John Doyle, Mme. Charrotte, Jean Viaud, Mme. Landry, Granville, Mrs. E. G. Hill, Mme. Bruant, Queen of West, Single Gen. Grant, etc., 2¼-in., 40c doz., $2.00 100.
Scented. Balm, Nutmeg, Lemon, Shrubland Pet, Rose, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums from 2¼-in., pots. Double Grant, the best scarlet bedder; S. A. Nutt and Mme. Thibaut, $2.00 per 100, $18.00 per 1000. Mme. Salleroi, from soil, $1.00 per 100, $8.00 per 1000. Sweet scented geraniums, strong rooted cuttings, $1.25 per 100. Cash with order, please.
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Geraniums, fine 2½-in., September struck—Jean Viaud, Beaute Poitevine, J. J. Harrison, S. A. Nutt, Mrs. A. Blanc, Heteranthe, Col. Barrie, Bellerophon, La Constable, $2.50 per 100; $20.00 per 1000. A. H. Trego, $5.00 per 100.
J. Sanstrom, Momence, Ill.

Geraniums J. Viaud, Nutt, Ricard, Harrison, Dbl. Grant, Dbl. Kelway, Single Kelway, Dbl. White, Poitevine, Fleur Poitevine, Single Dryden, Bellerophon, Clyde, E. G. Hill, John Doyle, 2¼-in., $2.00 100; $15.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Geraniums, strong stocky cuttings, $2.00 100. S. A. Nott, Marvel, Mrs. E. G. Hill, Mme. Chevaliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums. Rooted cuttings of Gen. Grant, S. A. Nutt, Mrs. E. G. Hill, $1.00 100; $9.00 1000; the above, also La Favorite, from 2¼-in. pots, $2.00 100, $18.00 1000. Cash.
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Geraniums, 2½-in. pots of the following varieties: Nutt, Alphonse Ricard, Mrs. Hill, Jean Viaud, La Favorite, Clyde, fine plants, $2.00 per 100. Crown Point Floral Co., Crown Point, Ind.

Geraniums, 6 good varieties; strong plants ready for 4-in., $2.50 100, $20.00 1000. Rooted cuttings of Mme. Salleroi, $1.00 100, $9.00 1000.
Krueger Bros., Toledo, O.

Geraniums, fine and strong, 2¼ and 2½-in. pots, $2.50 per 100. Jean Viaud, S. A. Nutt, Bruant, La Favorite and others. Cash.
N. P. Colberg, Morris, Ill.

Geraniums, strong, stocky plants, well established, 2½-in. pots, all the leading varieties, $2.00 per 100; $20.00 per 1000.
National Plant Co., Dayton, Ohio.

Ivy geranium Chas. Turner, the best under cultivation, strong 2¼-in., ready for 3-in., $2.00. R. C., $1.00 per 100. Cash.
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Geraniums from 2¼-in. pots, $2.00 per 100—Ricard, Hill, Bruant and De Castellane. Satisfaction guaranteed.
S. M. Harbison, Danville, Ky.

Geraniums, well rooted cuttings of a good mixed lot at $1.25 per 100, postpaid. La Favorite at $1.00 per 100, postpaid.
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Geraniums, leading var., 2½-in., $2.25 100. Rose geraniums, 2½-in., $2.50 100. Ivy, 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Geraniums and rose geraniums, 2-in., $2.00 100. E. B. Randolph, Delavan, Ill.

Geraniums. Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 100.
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Geraniums, best bedders, and Mme. Salleroi, $1.25 100; Happy Thought, $2.00 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums S. A. Nutt, Poitevine, Ricard, Grant and others from soil, per 1000, $12.00.
B. Merkel & Sons, Carlstadt, N. J.

Fine plants of rose geraniums, 2½-in., $2.50 per 100. Also a large lot of best mixed.
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Geraniums, scarlet, 2½-in., strong, $2.00 100. Pennyroyal, scented, 2½-in., $2.50 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

1000 S. A. Nutt, 2-inch, $2.50 100. 500 Double Gen. Grant, 2-inch, $2.50 100. Cash.
Wm. Keir, Pikesville, Md.

Single and double geraniums, mixed, $1.50 per 100.
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Salleroi, Bismarck and 10 bedders, 2½-in., at low price. Roney Bros., West Grove, Pa.

Geraniums, 10 var., fine, 2½-in., $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

GLADIOLI.

Gladioli. American hybrids. 60 per cent white and light.

	12	100	1000
1st size	$0.15	$1.00	$8.50
2nd size	.10	.75	6.50
Augusta, white with blue anthers	.60	4.00	35.00
May, white and rose	.25	1.75	15.00
Shakespeare, white and pink	.80	5.50	50.00
Choicest mixture, white and light	.30	2.00	17.00

H. H. Berger & Co., 47 Barclay St., N. Y.

GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.
ARTHUR COWEE, Meadowvale Farm, Berlin, N. Y.

Mixed gladioli, about one-half choice Groff's hybrids, others selected from best of different strains. Large range of colors and markings.

	Per 100	Per 1000
Light and white	$ 1.25	$10.00
Medium and dark	1.00	8.00
All colors	.80	6.00
10,000		5.00

F. A. Rowe, Conneaut, O.

Gladiolus bulbs. Shakespeare, Augusta, Grand Rouge, May, Eugene Scribe, Ben Hur, Mrs. Beecher, No. 1900. Small Augusta, for planting, $3.50 to $5.00 per 1000.
John Fay Kennell, Box 405, Rochester, N. Y.

Chase's XXX selection—White, light and fancy colors, large flowering, mixed, 7 to 8-in., $3.00 per 100; $25.00 per 1000. 5 to 7-in., $2.50 per 100; $20.00 per 1000.
Chase & Sons, New London, Ohio.

Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gladiolus May, size 1 to 1⅜, fine for spring planting; also Groff's Hybrids, $5.00 1000. Cash.
P. O. Coblentz, New Madison, O.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

Alnus incana, 5 to 7 ft., $8.00 100. Baccharis halimifolia, 18 to 24 in., $5.00 100. Eleagnus hortensis, 4 to 5 ft., $10.00 100. Symphoricarpus racemosa, 3 to 4 ft., $5.00 100. Trade list ready.
Old Colony Nurseries (T. R. Watson), Plymouth, Mass.

California poppy clumps golden yellow; hardy; better than any tulip and different from any other poppy; clumps, $2.00 doz.; $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.
California Carnation Co., Loomis, Cal.

Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write
Edward Harris, Moorestown, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Buxus sempervirens, pyramids and standards, $150.00 100. Lilacs, white and purple, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Florsdale, Pa.

Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.
Peterson Nursery, 170 La Salle St., Chicago.

Hardy rhododendrons, azaleas, clematis, shrubs, conifers, etc. Send for our catalogue.
Van der Weijden & Co., Boskoop, Holland.

Surplus shrubs cheap. Also a full assortment of trees and plants. Send for list.
Shrewsbury Nurseries, Eatontown, N. J.

Hardy, nursery-grown evergreens. Write the EVERGREEN SPECIALIST,
D. Hill, Dundee, Ill.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

4,000,000 peach trees. June buds a specialty. Stock guaranteed true to name. Catalogue free.
J. C. Hale, Winchester, Tenn.

HEDGE PLANTS.

Amoor River Privet, 2 to 5 feet, fine, $15.00 per 1000. C. trifoliata seedlings, 1 year, 8 to 10 inches, $4.00 per 1000. Trifoliata seed, 50c per lb. by mail, or 40c by express.
Field-grown grafted roses, in assortment, $9.00 per 100; $80.00 per 1000.
Grapes and plums very low to close.
Summit Nurseries, Monticello, Fla.

HELIOTROPES.

Heliotropes, dark; strong-rooted cuttings, 75c per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotrope Jersey Beauty, 2-in., $2.25 100. Cash. Converse Greenhouses, Webster, Mass.

Heliotropes, everblooming; R. C., $1.00 100.
C. Schulze & Son, Flushing, N. Y.

Heliotropes, best varieties, $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

For sale. 500 strong hardy hibiscus, delicate pink, $5.00 per 100.
Alex. Waldhart & Sons, Hamilton Ave. and Horton Place, St. Louis, Mo.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

BUSINESS BRINGERS—
REVIEW Classified Advs.

HOLLYHOCKS.

Hollyhocks. Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.
Send for catalogue of hollyhocks, dahlias, and hardy herbaceous plants.
W. W. WILMORE, Box 382, Denver, Colo.

HYDRANGEAS.

Hydrangeas. Jeannie d'Arc, white flowered; Red Branched. 4-in., 40c each, $3.00 doz. Cash. John Charlton & Sons, Rochester, N. Y.

Hydrangea Otaksa, 6-7-in. pots., good, strong plants that will need 7-8-in. pots, 25c and 35c.
Crown Point Floral Co., Crown Point, Ind.

IVY.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please.
Godfrey Aschmann, 1012 Ontario St., Phila.

German ivy, 2½-in., $2.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LILIES.

Good, healthy Harrisii lilies, out of 4-in., $12.50 100. J. T. Goodlive, Zanesville, O.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $12.00 1000; $30.000 per case of 2500. This stock is unsurpassed.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley pips, the largest and finest imported. Special price.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

LOBELIAS.

LOBELIAS Crystal Palace, erecta and trailing; strong plants ready to pot 75c per 100; $6.00 per 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Lobelia Emperor William, finest dwarf dark blue grown; strong, bushy, 2-in., $2.00 100.
John F. Rupp, Shiremanstown, Pa.

MADEIRA VINES.

Madeira vine, strong tubers, 30c doz., $1.75 100. H. H. Berger & Co., 47 Barclay St., N. Y.

Madeira vine tubers, 25c doz., $1.50 100.
H. F. Janssen, 109 N. State, Springfield, Ill.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Moonvines, white, blue, 2¼-in., 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

OLEANDERS.

Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

ORANGES.

Washington navel oranges, specimen plants, 4 ft. high, $2.00 each. Cash or C. O. D. with privilege of examining. Express prepaid.
California Carnation Co., Loomis, Cal.

ORCHIDS.

Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PALMS, ETC.

Latania borbonica, Areca lutescens, Kentiaa Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Kentia Belmoreana, 3 and 4-in., 12½ and 25c.
W. W. Coles, Kokomo, Ind.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Prize strain of Bugnot, Cassier and Odier, large plants once transplanted, 50c 100; $3.50 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansies, the very finest, $1.50 per 100.
F. A. Baller, Bloomington, Ill.

PELARGONIUMS.

Pelargoniums our specialty. 3½ and 4-in., large plants, need 5 and 6-in. pots, 4 to 7 branches, fine stock for Easter, $12.00 per 100. 2½-in., $4.00 per 100. Ten best named varieties. Cash, please.
J. Sylvester, Oconto, Wis.

Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please.
H. Ernst & Son, Washington, Mo.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargonium Lady Washington, 2¼-in., $3.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

Peonia chinensis, dbl. rose or red, $1.25 doz., $8.00 100. Japan rare herbaceous sorts, $3.50 doz., $25.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

BUSINESS BRINGERS—
Review
Classified Advs.

PETUNIAS.

DREER'S DOUBLE FRINGED PETUNIAS. 15 choicest varieties, 3-in. pots, 75c per doz., $6.00 per 100; the set of 15 varieties, for $1.00.
HENRY A. DREER, Philadelphia, Pa.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Rooted cuttings of double petunias in 15 colors. The best of Dreer's set. Write for special prices.
G. A. Thiele, Frankfort, Phila., Pa.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Double petunias, mostly pink; rooted cuttings, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Petunias, mixed var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

POINSETTIAS.

Strong, healthy, dormant stock plants.
1000 one-year-old .....$3.00 per 100
1000 two-year-old ..... 5.00 per 100
1000 three-year-old ..... 7.00 per 100
De Pew Brothers, Nyack, N. Y.

POINSETTIAS. We have to offer 1500 poinsettias, strong, healthy, dormant stock plants at $6.00 per 100.
C. Frueh & Sons, Hoyt Ave., Saginaw, Mich.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Primula obconica grandiflora, 2-in. in bloom to close out, $1.00 per 100. No order taken for less than 50. Cash.
Byer Bros., Chambersburg, Pa.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

California privet cuttings. Wood was cut and stored in cellar before December 1. Cuttings in good condition. 50c per 100. Cash with order. James McColgan, Red Bank, N. J.

RHODODENDRONS.

Rhododendrons, $90.00 and $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

R. C. at 50c per 100, blue lobelias. At 75c, coleus, verbenas, and dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, 3-in. Sprengeri, 3-in. vincas and Boston runners. At $5.00 per 100, 350 1-yr.-old, Kaiserins.
J. A. WIBE, Box 125, Downers Grove, Ill.

Rooted cuttings of feverfew, Vinca var., coleus and German ivy, $1.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Rooted cuttings of Impatiens Sultani, Anthemis coronaria, $2.00 100, prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

CHOICE GRAFTED STOCK. We are now grafting on Manetti, all from choice flowering wood, and offer for sale, April 1 delivery, the following: Bride and Bridesmaid, $12.00 per 100, $100.00 per 1000; Liberty, $15.00 per 100. Rose plants—Chatenay, 2½-in., $6.00 per 100; $50.00 per 1000.
Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100; Kaiserins and Perles, $2.50 per 100.
Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

ROSE PLANTS.
Bride, Maid, Ivory,
2-in., $2.50; 2½-in., $3.50 per 100.
Perle Wootton
La France Kaiserin
2-in., $3.00; 2½-in., $4.00 per 100.
American Beauties, 2-in., $4.50; 2½-in., $6.00 per 100.
Soupert and Hermosa, 2½-in., $3.00 per 100.
500 extra fine Hermosa, 2-yr.-old, 3-in. pots, $5.00 per 100.
Rose stock, 2 and 3 eyed, shifted from 2 to 2½-in. J. C. Murray, Florist, Peoria, Ill.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000.
Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.
Beauties, 2-in $5.00 100; $40.00 1000
Beauties, 3-in 6.00 100; 50.00 1000
Beauties, 4-in 7.50 100; 65.00 1000
Teas, 2-in 2.50 100; 20.00 1000
Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Rooted rose cuttings.

	100.	1000.		100.	1000.
Bride	$1.50	$12.50	La France	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rose cuttings, choice well-rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000; Chatenay and American Beauty, $3.50 100, $30.00 1000.
Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. 2-yr.-old Beauties, cut down, $10.00 100. Cash.
John Brod, Niles Center, Ill.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

Rooted rose cuttings of Bride, Maid, Golden Gate and Ivory, $1.50 per 100; $12.50 per 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

ROSES—Continued

American Beauty, 2½-in., $6.00 100; rooted cuttings, $3.00 100. Bride, Maid, Ivory, Gate, 2½-in., $3.00 100; rooted cuttings, $1.50 100. Perle, Kaiserin, Canadian Queen, 2½-in., $4.00 100; rooted cuttings, $2.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTY rooted cuttings, $3.00 per 100; $25.00 per 1000. Good, clean, healthy wood and will be free from spot and thoroughly rooted when sent out. Money returned if not satisfactory.
J. A. Budlong, 37 Randolph St., Chicago.

American Beauty, plants grown for two years, will make fine pot plants for spring sale; no disease. Have to use bench for young stock. $6.00 100. Cash with order please.
Paterson Rose Co., Paterson, N. J.

ROOTED ROSE CUTTINGS, American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.
L. L. May & Co., St. Paul, Minn.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write
Geo. A. Kuhl, Pekin, Ill.

AMERICAN BEAUTIES, strong 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.
White and Pink Maman Cochet, $25.00 per 1000.
Chas. W. Reimers, Hite Ave., Lonisville, Ky.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted. 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots, Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000. 500 at 1000 rate.
Sinner Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted cuttings, Bride and Bridesmaid, $1.50 100; $15.00 1000. From carefully selected wood, and well-rooted.
L. B. Coddington, Murray Hill, N. J.

Roses. We are headqnarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Roses. Strong Brides and Maids, 2-in., $2.50 per 100. Satisfaction assured.
Paul O. Tauer, Lebanon, Ind.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

400 Crimson Rambler, 2½-inch pots, $3.00 100. Cash. Wm. Keir, Pikesville, Md.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Rubbers, 20 and 25c each.
W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias, Bonfire, Silverpot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia Bonfire, 2¼-in., $1.50 per 100. Rooted cuttings, 85c per 100.
Burnell & Totman, Randolph, Vt.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

SEEDS.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

	100	1000
Asparagus plumosus nanus	$0.85	$7.00
" Sprengeri	.15	1.00
" decumbens	.60	5.00
" plu. robustus	1.00	9.00
" scandens deflex	1.50	12.00

Petunias. California giant fringed hybrids, 25c pkt. Dbl. large fl. fringed, 50c pkt.
Pansies. Berger's Never Fail mixture, 1000 seeds, 25c; 5000 seeds, $1.00.
Smilax, oz., 25c.; lb., $2.00.

	100	1000
Palms. Kentia Bel. or Forst	$ .40	$3.00
Cocos Weddelliana	.75	6.00
Oreodoxa regia	.25	2.00
Phoenix reclinata	.50	4.00
" canariensis	.25	2.00
" rupicola	.75	6.00

Dracaena indivisa, pkt., 10c.; oz., 30c.
Dracaena australis, pkt., 10c.; oz., 30c.
H. H. Berger & Co., 47 Barclay St., N. Y.

ASPARAGUS SEED—CROP 1903.
Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.
Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $8.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

GROWER and CONTRACTOR of tomato seed to the trade. We are the originator of the Royal Red Aristocrat, Maule's Enormous, Maule's Success and Maule's New Magnificent tomatoes. We have a surplus of the following: 125 lbs. Royal Red, 218 lbs. Maule's Success, 17 lbs. French Marvel, fine stock at $1.00 per lb. to the trade only. 75 lbs. Ohio-grown Rocky Ford Gem melon, at 25c per lb.
M. M. Miesse, Lancaster, O.

Asparagus plumosus nanus seed, the true kind, $6.50 1000, $30.00 5000. Improved Shasta daisy seed, $1.00 1000, $4.00 5000. Hand-bridized carnation seed, $1.00 100, $9.00 1000. Smilax seed 25c oz., $2.00 lb. Giant pansy seed, $4.00 oz., 25 seeds at 100 rate, 500 at 1000 rate, 2500 at 5000 rate. Express prepaid at above prices. Cash or C. O. D.
California Carnation Co., Box 103, Loomis, Cal.

Chater's hollyhock seed, 6 superb double colors, 70c per oz., 40c per ½ oz. Allegheny, $1.00 per oz., 60c per ½ oz. Ficifolia, double hollyhock, NEW, $1.00 per oz. Single hollyhock, 10 distinct colors, 60c per ½ oz. Cash.
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Palm Seeds. New crop Cocos Weddellana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
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Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

SHASTA DAISY SEED.
$1.00 per trade packet of over 1000 seeds; Mailed postpaid.
ARENDT BULB CO.,
Tamaroa, Ill.

CHOICE FLOWER SEEDS, CROP 1903. Asparagus Sprengeri, 15c per 100; $1.00 per 1000. Complete stock florists' flower seeds.
J. C. Murray's Seed Store, 420 South Adams St., Peoria, Ill.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $5.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.
S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
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Mammoth Evergreen sweet corn. Germination, 90 per cent. Send for sample.
C. E. Hubbard, Topeka, Kan.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100, $7.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Asparagus Sprengeri seeds, 75c per 1000. P. D. Barnhart, 1052 W. 35th St., Los Angeles, Cal.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Irish shamrock, strong plants, $4.00 100, or 60c doz., by mail.
John F. Rupp, Shiremanstown, Pa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

SMALL FRUIT PLANTS.

New Phenomenal raspberry, 20 berries fill a quart box; can ship 2000 miles. Price—Tips, $2.00 doz., $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.
California Carnation Co., Box 103, Loomis, Cal.

"Strawberry plants that grow." Standard sorts, $1.75 to $3.00 1000. Also grape, raspberry, blackberry and currant plants. Catalogue free.
C. E. Whitten, R. D. No. 10, Bridgman, Mich.

SMILAX.

Smilax, extra strong and fine, $2.00 per 100. From flats, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

1000 smilax, 6 to 8 feet, fine stuff, 12½c.
Chas. Pommert, Amelia, Ohio.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.00 1000.
J. C. Schmidt Co., Bristol, Pa.

SPIRÆAS.

Spiraea japonica, $3.00 100; S. compacta multiflora, $3.50 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea comp. multi., large clumps, 40c doz., $2.50 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $2.00 per 100.
Paul O. Tauer, Lebanon, Ind.

Umbrella plants, 2½-in., $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

VEGETABLE PLANTS.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Grand Rapids lettuce, strong transplanted plants, $2.00 per 1000. Cash, please.
James Frost, Greenville, Ohio.

Grand Rapids lettuce plants, strong, $1.50 1000. J. A. Keeney, Monongahela, Pa.

VERBENAS

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

VINCAS.

Vinca variegata, 200 plants, 3 to 6 runners, ready for 4-in. and 5-in. pots; guaranteed A No. 1 stock; $8.00 100. Cash with order. Speak quick if wanted.
T. L. Lowden & Sons, Pittsfield, Mass.

Vinca variegata vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca var., strong stock, $1.00 100, by mail.
S. W. Pike, St. Charles, Ill.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Marie Louise violet cuttings, sand-rooted, after April 1, $10.00 per 1000.
A. Laub & Son, Hughsouville, N. Y.

Princess of Wales violets. Rooted plants, $1.25 per 100, by mail postpaid.
A. B. Campbell, Cochranville, Pa.

TO EXCHANGE

To Exchange—We offer cannas, tuberoses, gladioli, geraniums, rose geraniums, heliotropes and cinerarias for 2-in. roses, A. plumosus and small palms.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Rooted cuttings of Maceo carnations, for heliotropes, dbl. petunias, fuchsias or coleus. F. T. White, Holbrook, Mass.

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Wanted—1000 rooted or unrooted cuttings of Authericum vitatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

Wanted—6 or 8 laurel trees, standards; must be in A No. 1 condition; state size and price.
Nanz & Neuner, Louisville, Ky.

Wanted—1000 Begonia, Triumph de Lorraine, 2¼-inch pots. Address, giving price.
Geo. H. Mellen Co., Springfield, Ohio.

CUT FLOWER BOXES.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Hardy cut fancy and dagger ferns, moosea, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
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FLORAL DESIGNS.

Foley's floral photographs; 24 funeral designs.
J. J. Foley, 226 Bowery, New York.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for vinlets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves. All orders receive personal and prompt attention.
C. W. Burleson & Son, Linville, N. C.

Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
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GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points, Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish. Price list now ready.
Chas. Pommert, Amelia, O.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

HOSE

Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

LABELS.

Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

We make a special greenhouse paint. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
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TIN FOIL.

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Wire stakes. All sizes, all lengths.
U. Cutler Ryerson, Newark, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SOME ANNUALS.

I am trying to create some interest in gardening in this town. I intend to distribute flower seeds among the school children. Which two varieties of annuals would be best for continuous blooming and easy culture? J. J. L.

We suppose that the annuals wanted to distribute to the children should be those only that would need no protection of any kind to start in spring, such as asters, ten-week stocks, dianthus, etc., which in our climate are hardly worth sowing unless you have the help of a greenhouse or cold frame. Presuming the above to be the case and that they must be sorts that will thrive and flower where they are sown in the open ground, I would say let mignonette be one, and it is difficult to choose the other where there is such a field to choose from. Let sweet peas be the other, because industry, care and attention would be rewarded by superior flowers and that might bring about harmless rivalry and that is what would tend to create a love of flowers and gardening.
W. S.

WINDOW GLASS SITUATION.

The labor organizations of the window glass workers have recently issued quite an elaborate plan for consolidating the two rival unions and compelling all manufacturers to join the window glass and selling agency. If this movement is successful, it is obvious that higher wages will be paid, higher prices obtained, and a stable market enjoyed once again. In the meantime, however, the stern law of supply and demand is controlling the market and as the production is limited, and there is more than a fair chance that the workers will be successful in their efforts to consolidate, it would seem that glass at present prices is cheap.
—Patton's Monthly.

WE are sold out of asparagus seed and will have to return orders unfilled. The REVIEW does the business.—WONSETLER GREENHOUSES, Bryan, O.

You Can Grow GOOD, HEALTHY STOCK BY USING OUR

RED POTS.

PRICES AND SAMPLES ON APPLICATION.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention the Review when you write

WAYSIDE JOTTINGS.

The craft at Titusville, Pa., complain of a hard winter, which, with the recent flood, has dampened their spirits somewhat. W. Bay says it was pump, pump or be drowned. Thos. Murdock, says it was fire up or be frozen up. L. J. Rowe is the latest addition to the ranks and says there is more money in tapping oil wells.

W. M. Lott, of Warren, Pa., has returned to his former love and can be found in a snug store downtown. Will was compelled to give up the greenhouses, owing to expiration of lease, and is looking for a desirable location for a new plant. Dan Offerle has built a handsome store with residence above. The store is 26x50 feet and is thoroughly up-to-date in every respect. The old office is still standing, a striking illustration of the rapid strides made in our profession during the past decade.

Mrs. F. H. Johnson, of Olean, N. Y., is the proud possessor of the only orchids in town just now. Cattleya labiata and Cœlogyne cristata are in bloom and attract much attention. Llewellyn had the misfortune recently to lose one house of roses in some unexplained way. D. R. Herron has had excellent carnations, but fewer in number than usual.

W. C. Rockwell, of Bradford, Pa., will be missed from the convention at Detroit. He is rusticating in Florida hunting 'gators.

Walker & McLean, of Youngstown, O., are giving up foliage plants for flowering stock. Space is too valuable unless a specialty is made, when doubtless well-grown stock such as is produced here will always find a steady sale. Carnations have not done so well as usual. Enchantress has proven as profitable as any, not excepting Lawson, which is as profitable as ever. Queen Louise is the best all-around white. While it splits badly the flower can be used in design work and its free flowering qualities overcome this defect. Boston Market is considered a profitable white and will be grown more extensively another season.

M. W.

The U. S. Department of Agriculture has issued a monograph entitled "Beautifying the Home Grounds," by L. C. Corbett, horticulturist in the Bureau of Plant Industry. It is a pamphlet of twenty-four pages, which would make business for any florist if placed in the hands of his customers. Copies may be obtained by writing the department for Farmers' Bulletin No. 185.

Mention The Review when you write.

LIGHTNING
FLOWER POT WASHER

Washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15.00 net, f. o. b. Joliet.

C. E. FINLEY, - JOLIET, ILL.

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MODEL EXTENSION
Carnation Supports.
ALSO
Wire Rose Stakes and Tying Wire.
Igoe Bros., Manufacturers, 226 North 9th St., Brooklyn, N. Y.

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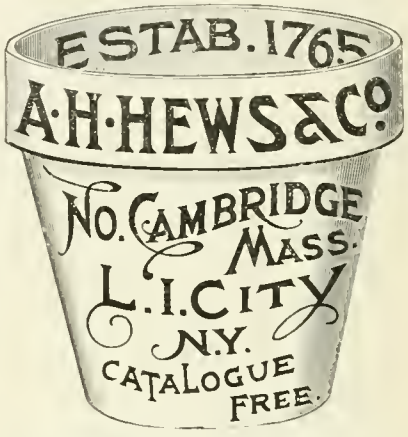

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Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000... $6.25. Sample free
For sale by dealers.

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Rustic Work
OF EVERY DESCRIPTION.
We are the largest manufacturers of rustic work in the United States. Special discount to the trade. Send for catalogue and prices. Special work made to order.
DUNNE & CO., 54 W. 30th St., New York.

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Florists' Foil AMERICAN BRAND
PLAIN, EMBOSSED, COLORED.
MANUFACTURED BY
The John J. Crooke Co.
Violet and Rose Foil a Specialty.
155 to 163 Ave. D, NEW YORK.
Established 1850. 149 Fulton St., CHICAGO

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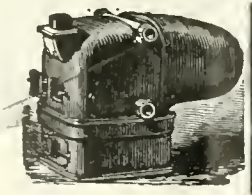

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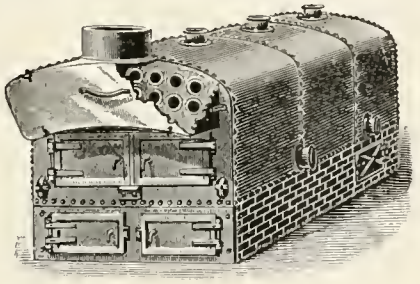
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

Mention The Review when you write.

SPECIAL DISCOUNT ALLOWED ON ALL ORDERS RECEIVED DURING FEBRUARY

IF YOU want a boiler for next season we will book your order now, build the boiler and have it ready for you when you want it. You need not pay for boiler until it is delivered.



These Boilers are made of STEEL PLATE, therefore will not cause trouble and expense on account of **cracking of sections, repacking, etc.,** which happens so frequently with cast iron boilers.

Great Fuel Saver

GALENA, ILL., Jan. 28, 1902.

KROESCHELL BROS. CO.:—The boiler I bought of you is giving perfect satisfaction. When the thermometer stood at **30 below zero** this morning I could hold the **temperature at 60 very easily** with a **saving of at least 25 per cent of coal.** It is without a doubt the finest hot water boiler in the land, as it will heat about **double the amount of glass** that other boilers do with the **same amonot of coal.** It has proved so satisfactory that I must express my feelings.

B. F. VANDERVATE.

CHICAGO, Dec. 1, 1903.

KROESCHELL BROS. CO :—The two No. 4 boilers you installed in my greenhouses at Hartland, Wis., did very satisfactory work last winter. I had been using cast iron boilers previously, but threw them out to put in your steel boilers. Your boilers have done better than I had expected: they require **less coal, and much less attention than did the cast iron boilers.** I estimate the saving in coal with your boilers was about 15 per cent. To anyone desiring a perfect greenhouse boiler, I would certainly recommend yours.

JAMES A. KIRK.

PHILADELPHIA, Feb. 27, 1903.

KROESCHELL BROS. CO.:—We wish to tell you how much we are pleased with your boiler we put in last fall. **It replaced two cast iron boilers,** has done the work very much better, **requires much less attention,** and besides as near as we can judge, will use about **20 per cent less coal** than we have been using. This coal item is not compared with only one season, but with at least 20 years' experience with several different kinds of cast iron boilers. We are more than satisfied and have taken pleasure in showing and recommending your boiler to a number of growers.

PENNOCK BROS.

SEE OUR MR. WM. KROESCHELL AT THE DETROIT CARNATION CONVENTION.

KROESCHELL BROS. CO., 51 Erie Street, Chicago.

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Ventilating Apparatus

WITH THE

WOLF IMPROVED SYSTEM.

We are now operating houses 50 to 740 feet long.

Is especially adapted for long houses and operates same from either the end or center.

Send for catalogue which contains references and a large list of houses with lines of sash 200 to 740 ft. long operated by single machines.

Prices 10 to 30 per cent. cheaper with a ten-year guarantee.

A. Q. WOLF & BRO.

Office, 329 River Street, DAYTON, OHIO.

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THE ARNDT

Tree Protector

A perfect, inexpensive protection against all creeping and crawling insects. Agents wanted everywhere.

☞ WRITE AT ONCE.

MICHIGAN CUT FLOWER EXCHANGE,

WM. DILGER, Mgr.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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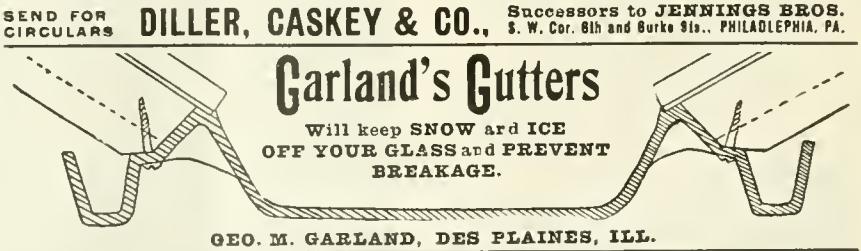

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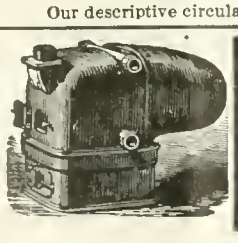

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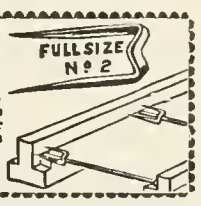

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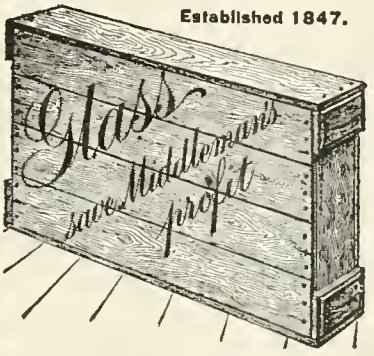

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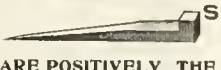
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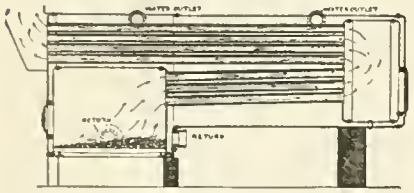

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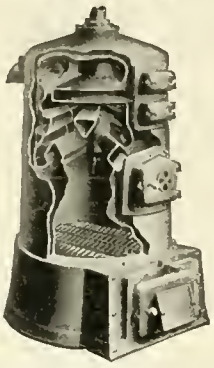

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SECTIONAL and ROUND. STEAM or WATER.
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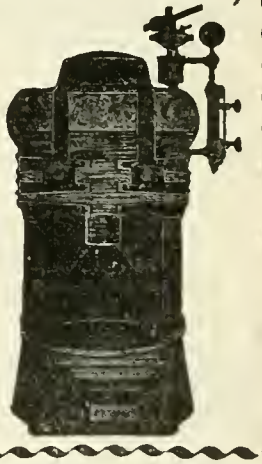

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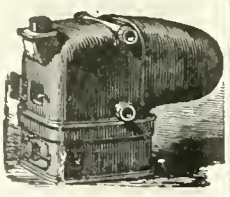

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Send Four Cents for Catalogue.

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A Reference Book for Commercial Florists

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, MARCH 3, 1904. No. 327.

Novelties in Carnations.

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MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

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Write for prices and place your order in time.

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40, 42, 44 East Randolph Street, CHICAGO.

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AT THE DETROIT EXHIBITION.

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August Hardy, Chas. Monselet, Eden Marchii, Galilee, Incomparable, La Foudre, Le Printemps, Turner, Ryecroft Surprise, $3.00 per 100; $25.00 per 1,000.

Also Five Magnificent Novelties, viz.:
Pachdial, Paladsn, Tolstoi, Richmond Queen and Willy.
The five for $1.25.

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Fresh Imported **FERN BALLS** 5-7 inches. 7-9 inches.

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BRIDE	3 00	25 00
PERLE	$3 00	$25 00
GOLDEN GATE	3 00	25 00
IVORY	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

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PINK.	Per 100	1000
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GOV. WOLCOTT	$3 50	$30 00
MURPHY'S WHITE	3 00	25 00
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PERU	1 25	10 00
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NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
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		Per 100	Per 1000
2000	Alpine Glow, from soil or sand	$ 4.00	$30.00
500	Mrs. Thayer, from 2-inch pots	4.00	30.00
500	" " from sand	4.00	30.00
2000	Enchantress, from sand	6.00	50.00

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500	Ethel Ward, from 2-inch pots	12.00	.....
1000	" " from sand	12.00	100.00
2000	Lawson, from 2-inch pots	3.00	27.50
3000	" from sand	3.00	25.00
1000	Nelson Fisher, from 2-inch pots	12.00	100.00
500	Indianapolis, from 2-inch pots	12.00	100.00

Crimson Varieties.

1500	The President, from sand	12.00	100.00
500	Octoroon, from sand	10.00	.....
1000	Harry Fenn, from sand	4.00	30.00

Scarlet Varieties.

		Per 100	Per 1000
700	Gov. Bliss, from 2-inch pots	$ 3.00	....
1000	Christmas Eve, from sand	10.00	$75.00

White Varieties.

1000	Mackinac, from sand	10.00	75.00
500	Lady Bountiful, from 2-inch pots	12.00	.....
1000	The Belle, from 2-inch pots	12.00	.....
1000	Lorna, from sand	2.50	20.00
500	Gov. Lowndes, from sand	6.00	50.00

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1000	Judge Hinsdale, from sand	12.00	100.00
1000	Mrs. Patten, from 2-inch pots	12.00	.....
500	Sensation, from sand	10.00	.....
250	Golden Eagle, from 2 inch pots	10.00	.....
500	" " from sand	10.00	75.00
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Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Latania Borbonica	5-in	14-16	4-6	....	$5.00	$37.50
" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1 25	....	....
" " strong	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6 00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12-in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4-in			....	1.50	12.00
" strong	4-in		3 plants in pot	....	2.00	15.00
"	5-in		3 plants in pot	....	3.00	22.00
"	6-in			....	4.50	....
" strong	6-in			....	6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" "	3-in			....	....	6.00
" "	4 in			....	1.50	10.00
Neph. Bostoniensis	2-in			....	....	3.50
" "	2½-in			....	....	4.50
Neph. Bostoniensis	3-in			....	....	$8.00
" "	4-in			....	$2.00	15.00
" "	5-in			....	3.00	....
" "	6-in			....	6.00	....
" "	7-in			....	9.00	....
" "	8-in			....	12.00	....
" "	10-in			$1 50		....
Ficus Elastica	4-in	10-12		....	3.00	....
" "	5-in	14-18		....	6.00	....
Pandanus Veitchii	8-in	22		2.50		....
Pandanus Utilis	5-in	10-14		....	5.00	....
Cocos Weddeliana	3-in	10-12	4-5	....	2.50	....
Sanseviera Jav. Var	5-in			....	3 00	....
Poa Trivialis Var	3-in			....	....	6.00
Nephrolepis Piersoni	2-in			....	....	15.00
" "	6-in			1.25	....	....
" "	7-in			1.50	....	....
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Cibotium Schiedei	6-in			2.00	....	....
Alsophila Australis	7-in			1.50	....	....
" "	8-in			2.50	....	....
" "	10-in			3.50	....	....
Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
" "	5-in			....	2 00	15.00
" "	7-in			....	6.00	....
Aspidium Ten.	4-in			....	1.50	12.00
" "	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
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THE DETROIT CONVENTION.

The American Carnation Society Holds a Successful Meeting and Splendid Exhibition.

President, James Hartshorne, Joliet, Ill.;
Vice-President, Wm. Gammage, London, Ont;
Secretary, A. M. Herr, Lancaster, Pa.;
Treasurer, Fred. Dorner, Jr., Lafayette, Ind.

NEXT MEETING AT CHICAGO.

Detroit did herself proud this week. There is an old superstition that thirteen is not a number of happy augury, but the fallacy of the belief was never more fully disproved than by the successful culmination of the thirteenth annual meeting of the American Carnation Society, a success which was in part due to the large attendance and wonderful exhibition of masterpieces of the growers' art, but in no less measure to the hard preparatory work by the officers and members of the Detroit Florists' Club. To J. F. Sullivan, for his management of the exhibition, a large measure of praise is due.

The attendance was large and representative, although certain of the principal cities were not on hand as usual and some of the familiar faces were missing. There was a large representation of the smaller growers and most of the better known workers in the field were present, but Peter Fisher was missed, and the man who made his Mark-you-see was not in evidence. Doubtless he was too busy taking cuttings of Flamingo. But there were enough of the wheel horses and the younger, progressive element present, with their blooms, to give the cause of the carnation such an uplift as it has never known before.

An idea of the extent of the exhibition may be gained from the statement that in several of the classes as many as 800 blooms were staged. Several exhibitors brought from 1,500 to 4,000 blooms, one of them having twenty-seven boxes and another nearly as many. It was a great task to stage so large a quantity of stock, but the work was accomplished without disorder, due to the careful preparations of the secretary, the manager and the Detroit club. It looked as though the fate of having a large number of exhibits barred by the time limit was to overtake the society again, as the eastern people were delayed five hours by storms and only reached the hall at the very last moment. Many willing hands made short work of getting their stock into place.

Harmonia hall is a big affair, but it was not large enough. It accommodated the exhibits and the society very nicely, but the public was admitted by card during certain hours and then the place was crowded to the last inch and utter demoralization of many a fine exhibit. And it was a show worthy of the praises heard at every hand. Not alone in quantity was it ahead of all records, but quality was there. Better stock was never shown; it seems, almost, that the pinnacle has been reached. What more could we ask? Certainly it looks as though much of the improvement to come in our carnations must be along the lines of productiveness, fragrance, keeping quality, etc.

One notable feature of the show was the uniform high standard of the exhibits; true there were some poor vases, but a perusal of the awards will show that no one grower monopolized the show; in fact competition was so keen that in one case one set of judges reversed the action of another when called upon to pass upon the same class. One item worthy of note is that the growers who had the forethought to arrange for capable assistance profited largely thereby. Get the retail men to put up the stock. Several of the Chicago retailers arranged vases for their friends. Samuelson, Smyth, Hauswirth and Lange putting in a busy morning, and the stock they handled showed the benefit. Occasionally there is a grower who can stage his own stock to best advantage, but he is a rare bird. While it was a carnation show, and a trade exhibition at that, yet there were enough exhibits in other lines to give a touch of variety. Three new roses were shown, and one not so new, also some old favorites so well done as to excite much comment. There were violets, sweet peas and pot plants, even heating requisites. But the pictures we will publish next week will tell the rest about the exhibits.

The Opening Session.

Judges having been appointed in the morning, the society was called to order for the business session at seven o'clock Tuesday evening, President Rackham introducing Robert Flowerday, president of the Detroit Florists' Club, who made a neat little speech of welcome on behalf of this most active organization. He then introduced Mayor Maybury, whom many present had met before. He is one of the few municipal chief executives whom the trade societies have encountered who never makes a slip. An orator of attainments, he extends the glad hand of a cordial welcome in words well chosen and with phrases which show that he knows whereof he speaks. He was at his best this night and was listened to with evident appreciation. William Scott, of Buffalo, was called on to respond and received a round of applause which put him on his mettle.

President Rackham then delivered his annual address, which was as follows:

James Hartshorne, Joliet, Ill., President-Elect American Carnation Society.

President Rackham's Address.

Were I a believer in signs or omens, I should be fearful of the success of this meeting, for it is the thirteenth convention of our beloved society; but I cannot doubt when I look at this large body of enthusiastic carnation growers present, but that this will be the blue ribbon meeting of the society, and I ask you as a personal favor to myself and the local club, to help make it so by attending the business meetings and taking part in any matters of interest to the society, for all meetings of any organization are dependent upon the help or the lack of interest of its members for their success or failure, and it is for you to make this meeting one of profit and benefit to each and every member of this society, if you will.

We are gathered together for the purpose of considering matters of interest to the members of this body, financial, educational and social.

In a financial sense, the introducers of new varieties have come to exhibit the results of their patience and skill for your approval, and to sell as many rooted cuttings as possible. The growers have come to inspect, find fault with, compare, criticize, and buy as many as they feel they can afford to risk trying. And right here I wish to quote from the minutes of the first meeting of the society in Philadelphia, 1891 and 1892, one of the paragraphs in the report of the committee composed of Edwin Lonsdale, Wm. Swayne, C. W. Ward, C. J. Pennock and Wm. Scott, upon the subjects of the society, namely: To submit all new varieties to a test committee of practical and successful growers to be located in different sections of the country. Now, I believe if that was a good object then, it is one at present, and I think no variety should be eligible for either a certificate or registration which has not been shown at least three times during the season, say October, January and April, for two years before such a committee, but as we are to have a paper on this subject I will leave the matter in your hands, with another quotation from the same source, but by the committee on awards, composed of John Westcott, Robert Kift and H. H. Battles. "We are confident that the time is not far distant when the American Carnation Society will endorse certain new varieties. This once done the buyer need have no doubts about the merits of that variety," and I venture to say were that done in some honest and satisfactory way that our membership would be increased 100 per cent within two years, for it is not the distributor who buys, 20,000, 30,000 and 40,000 lots of new carnations who suffers by the failure of success of the variety, but the one who buys 100, 250 or 1,000 of them from the distributor.

Carnation Phyllis.—Rudd.

To me the matter seems a serious one and very difficult of solution, but I will again quote from the proceedings of the society. Ex-president Nicholson, in his address at Philadelphia, says: "There is one thing that I think we ought to encourage as much as we can. People who have seedlings of merit and are thinking of disseminating them should send a few plants to prominent growers in the different parts of the country for trial, then people could see them growing without so great an expense." This I am glad to say is being done to some extent, but not as largely as it should be.

In the matter of registration and certificating of new varieties, I find that of twenty varieties registered in 1897 and 1898, there is not one now under cultivation, and of twelve that received preliminary certificates and certificates of merit, there are but two, namely, Lawson and G. H. Crane now grown, and in 1900 the list comprising those that received the three-year certificates twelve, of which only two are grown, namely, Estelle and Prosperity, and in another year they will be classed among the has-beens, while the registered ones number twenty-nine, and but one, Queen Louise, is grown, and in 1901 we find thirty-six varieties registered with but eight that are considered worth growing. In 1902 and 1903 we have thirty-two registered, with but nine that are thought good enough for sale. The list of names of varieties, February 1, 1899, only four years ago, gives the grand total at that time of 726, and it would seem to me that if worthless varieties are all registered and given certificates of merit, that in the near future it will tax the brain of originators of really meritorious varieties to find suitable names for the products of their skill.

From an educational point of view one who has not had the opportunity and pleasure of reading the proceedings of the twelve meetings which this society has held can have no conception of the work of the society in the past. Papers have been read and discussions had upon every subject in connection with the carnation, and such results have been obtained through the study and experience of the workers of this body that we can truthfully say it pays to be members of the American Carnation Society, for in the minutes of the first meeting, 1892, I find this paragraph: "First-class blooms will readily sell for 75 cents to $1 per hundred for blooms at any time, and during seasons of particular demand $2.50 to $3 is frequently obtained." Note the difference. At the present time first-class flowers readily sell for $2.50 to $3 per 100 and during seasons of particular demand from $6 to $12 is frequently obtained. This change has been brought about through the introduction of better varieties, through better methods of growing gained by study and interchange of experience, through the making of the carnation more popular by exhibitions throughout the country and especially those of the American Carnation Society.

But we still have a great work to do, and one of the most important I believe is to produce and popularize the carnation as a pot plant, for what could be more beautiful than a short, stocky carnation plant with from twenty-five to fifty open flowers of the shade of Flamingo or Enchantress for Christmas, that in an 8-inch pot would retail from $2 to $5? Our growers of new varieties will do well to give a portion of their time and skill to the finding of a variety that will produce such a plant.

Mr. Edwin Lonsdale, in his address to the society at New York on November 4, 1891, says: "The cultivation of the carnation as a pot plant is sadly neglected. To inaugurate a successful carnation exhibition, we must have well-grown specimen plants." Again Mr. Thomas Cartlege, of Philadelphia, at Pittsburg, February, 1893, in a paper

Carnation Fiancee.—Hartshorne.

entitled "A Retailer's Views," in the division of subjects makes one of "Good pot plants for spring sales." "These have been totally neglected, almost forgotten in the rush to grow cut flowers. We used to grow plants well in 4 and 5-inch pots, and they always sold. Do not remember any plant that was more attractive or sold better."

The season that is past has been a hard one for the grower from various causes, but Hope, that beacon light, leads us on to look for better in the future. And when we have secured Fiancee, Flamingo, Reliance, The Belle, Lady Bountiful, Indianapolis and Albatross, and several other "best" commercial carnations, the life of the carnation grower will no doubt be one of joy and a continued round of pleasure.

And now to come from labor to refreshment and consider our meeting socially. It is a well known fact that all work and no play becomes monotonous and tiresome, and we in the business know that times of play are few and far between, so let us improve the present in greeting old friends and making new ones; let us be free with one another and gather round the festal board, showing the sunny side of our natures in relaxation from the cares and worry of the daily grind. Let us forget for a portion of the time, at least, stem-rot, aphis, thrips and all kindred pests and troubles.

In conclusion I wish to remind the society that it is now without by-laws (except those adopted by the directors at Milwaukee regarding exhibits) and I cannot see how our secretary can register new varieties, collect a fee for so doing, etc. As we are a new society, old things have passed away, and we are an incorporated body, working under a new constitution.

Thanking you for your attention and forbearance, I hope that you may all have a good time and feel well repaid for coming to the meeting at Detroit.

The address was referred to a committee consisting of E. H. Cushman, William Scott and J. S. Wilson, who were instructed to report on the recommendations therein.

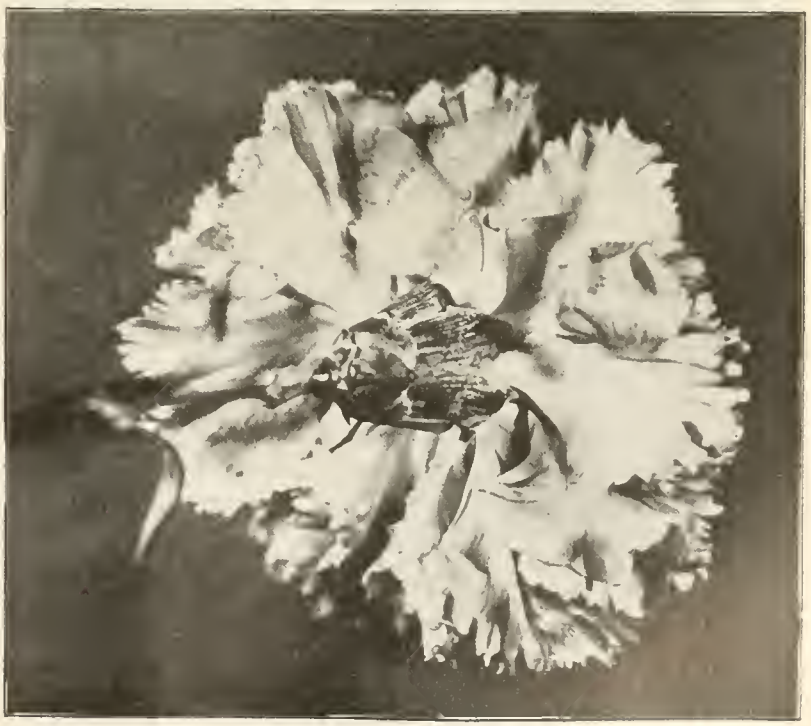
Secretary Albert M. Herr was called upon for his annual report, which was as follows:

Secretary's Report.

Your secretary reports having issued the proceedings of the Brooklyn meeting after considerable delay, caused by our stenographer getting sick and losing part of his manuscript. He also reports that aside from the few years that Mr. Wallace kindly did this work, there always has been trouble and that imperfect reports of the proceedings were a result. It has been impossible to get a stenographer who was acquainted with our floral terms and, being a new one each year, the names of speakers were hopelessly confused. Therefore your secretary strongly recommends the appointment of a permanent stenographer on the same lines as the one employed by the S. A. F. The reports of our meetings are a permanent and valuable contribution to carnation literature and should not be made subsidiary to any other part of the work.

There were two meetings held by the board of directors, the first in Detroit, May 6, 1903, at which the preliminary premium list was adopted and afterwards printed and sent to all the members. A second meeting was held in Milwaukee, August 18, 1903, at which papers were selected, writers assigned for the same and some additions made to the premium list. The minutes of these meetings are here and can be read if desired; they will, of course, appear in full in our annual report. The regular premium list was mailed to all members early in February, purposely a bit late, so that the matter of entries, etc., would not be set aside and forgotten, and a final postal card reminder was sent February 22.

An attempt was made to get reports from the various shows giving the merits and defects of the carnations shown throughout the country, so that a summary could be made covering the whole season. Your secretary wrote to members of the society in various sections where such shows were being held, also to the



Carnation Fiancee.—Hartshorne.

different secretaries of the clubs holding such shows. Some fifty letters were written and the responses secured numbered three, one by your president, one by W. N. Rudd and one by your secretary, so that this seems to be a matter of "love's labor lost" and we are left to rely on the trade papers for our information.

The matter of advertising in the premium list, which is a very necessary source of income to the society, is not quite up to the mark this season, in spite of the fact that strenuous efforts were made to increase this feature. In addition to the regular notice to the members over 100 personal letters were written to advertisers of our and kindred products.

There should be some method adopted whereby the society would have a larger and more permanent income than that derived from its limited membership and advertising. Our membership is constantly changing, and while we are adding a few each year over what we lose, we are hardly gaining enough to meet the increased demands upon our income.

The carnation is forging ahead very fast and we need to give work and serious thought to our society so that it keeps up the same rate of increase. Respectfully submitted.

ALBERT M. HERR, Sec'y.

Fred Dorner, Jr., treasurer, reported receipts for the year as $955.41 and disbursements $766.26. The permanent fund now contains $1,910.21.

The Constitution.

The matter of the constitution adopted provisionally one year ago was brought up by President Rackham and after a brief discussion the document, as previously published, was adopted, on motion of E. G. Hill, seconded by William Scott.

H. M. Altick reported progress for the committee on McKinley memorial fund and the committee was continued.

W. N. Rudd was then introduced and read his paper on "Exhibition Management," which appears in full in this issue. It was very favorably received. J. F. Sullivan was called upon to open the discussion which followed. Still legweary and no doubt temper-tried by the labors of the day, he endorsed Mr. Rudd's remarks in full, adding a few words as to the trials of an exhibition manager. He called particular attention to the exhibitor who brings a great amount of stock and insufficient help to stage it properly in the time allowed. Other speakers were C. W. Ward, E. H. Cushman, Lewis Ulrich and William Scott.

The judges' report was then presented. The following awards were made:

Carnation Lady Bountiful.—Dorner.

The Judges' Report.

The judges in the regular classes A, B and C, were Frank Holznagle, of Detroit; George Bayer, of Toledo, and John Hartje, of Indianapolis. Their report was:

White, 100 blooms, Chicago Carnation Co., first, with Alba; F. Dorner & Sons Co., second, with Lady Bountiful. Other exhibits were Wolcott, by Thompson; Gov. Lowndes, by Hill; Alarm, by J. A. Suydam; Wolcott, by Bassett & Washburn; White Cloud, by W. J. & M. S. Vesey, and F. Burki by John Murchie.

Daybreak shade of pink, 100, W. K. Partridge, first, with Enchantress; C. W. Ward, second, also with Enchantress. The Thompson Co. also showed Enchantress and Bassett & Washburn, Morning Glory.

Lawson shade of pink, 100, Chicago Carnation Co., first, with Mrs. Lawson; F. Dorner & Sons Co., second, with Eclipse. Hill, Weber & Sons and Bassett & Washburn showed Lawson and Thompson showed Nelson Fisher.

Scott shade of pink, 100, C. W. Ward, first, with Ethel Ward; W. J. & M. S. Vesey, second, with No. 4. The Chicago Carnation Co., the Thompson Co. and Swan Peterson, of Gibson City, Ill., each showed Mrs. Nelson.

Scarlet, 100, R. Witterstaetter, first, with The Cardinal; Bassett & Washburn, second, with Adonis. Hill and Thompson showed Adonis and J. A. Suydam, Amaze.

Crimson, 100, C. W. Ward, first, on The President; Chicago Carnation Co., second, on Harlowarden.

Yellow variegated, 100, Chicago Carnation Co., first, with Dorothy Whitney; Bassett & Washburn, second, with Gold Nugget.

White variegated, 100, C. W. Ward, first, with Judge Hinsdale; W. J. & M. S. Vesey, second, on No. 8. The Thompson Co. showed Mrs. M. A. Patten and the Chicago Carnation Co., Marshall Field.

"Any other color," 100, Chicago Carnation Co., first, with Prosperity; Thompson Co., second, also with Prosperity.

White, 50 blooms, Breitmeyer's Sons, first, on Gov. Lowndes; E. G. Hill Co., second, on Gov. Wolcott. The Thompson Co. showed Wolcott, Vesey staged White Cloud and the Chicago Carnation Co., Gov. Lowndes.

Daybreak pink, 50 blooms, Chicago Carnation Co., first, with Enchantress; Breitmeyer's Sons, second, also with Enchantress. The Thompson Co. and W. K. Partridge also staged Enchantress.

Lawson shade of pink, 50, Vesey, first and Chicago Carnation Co., second, each on Mrs. Lawson. Breitmeyer's Sons also staged Lawson.

Scott shade of pink, 50, H. Weber & Sons, first, with Genevieve Lord; Breitmeyer's Sons, second, with Cressbrook. The Thompson Co. and E. G. Hill staged Mrs. Nelson.

Scarlet, 50, R. Witterstaetter, first, with Adonis; H. Weber & Sons, second, also with Adonis. The Chicago Carnation Co. staged Adonis. Dorner & Sons Co., Apollo, and Thompson Co., Estelle.

Crimson, 50, Breitmeyer's Sons, first, and Weber & Sons, second, each with Harlowarden. The Chicago Carnation Co. also staged Harlowarden.

Yellow variegated, 50, Dorner & Sons, first, on Dorothy Whitney.

White variegated, 50, Dorner & Sons, first, on Stella.

"Any other color," 50, Chicago Carnation Co., first, and C. H. Kunzmann, Louisville, second, each on Prosperity. Bassett & Washburn and E. G. Hill also staged Prosperity.

White, 25 blooms, H. Weber & Sons, first, on Norway; Thompson Co., second, on Wolcott.

Scarlet, 25, Weber & Sons, first, on Estelle; Thompson Co., also on Estelle.

"Any other color," 25, Chicago Carnation Co., first on Prosperity.

The judges on special classes were W. N. Rudd, E. H. Cushman and Lewis Ulrich.

Collection of not less than ten or more than fifteen varieties, 50 to 100 blooms each, Chicago Carnation Co., first; Thompson Co., second.

Silver cup for best 200 blooms, to E. G. Hill Co., won on Adonis. Other exhibits were Lawson, by Bassett & Washburn; Harlowarden, by the Chicago Car-

Ethel Ward.—Ward.

nation Co.; Mrs. Patten, by the Thompson Co.

Collection single blooms, Dorner & Sons, first; Weber & Sons, second.

Silver cup for best vase of 100 Enchantress, awarded to W. K. Partridge, Lockland, O.

Best 100 Harlowarden, Weber & Sons.

Best 12 blooms of undisseminated seedling, premium divided between R. Witterstaetter on No. 1000 A, pink, and Dailledouze Bros., on No. 144, white.

Silver cup for best Michigan seedling, to J. A. Frueh for No. 115.

Lawson gold medal, to Chicago Carnation Co., on Fiancee.

Lawson silver medal, to H. Weber & Sons, on Gov. Lowndes.

Lawson bronze medal to E. G. Hill on Adonis.

S. A. F. silver medal to R. Witterstaetter on The Cardinal.

Sweepstakes for vases in the classes for 100 blooms, to Bassett & Washburn, on Mrs. Lawson.

Sweepstakes for vases in classes for 50 blooms to Breitmeyer's Sons on Gov. Lowndes.

The judges on seedlings for certificates were E. H. Beard, P. J. Hauswirth and Wm. Nicholson. The varieties scored were as follows:

For preliminary certificate C. W. Ward's No. 303 scored 92 points.

For certificates Richmond Gem, shown by the B. K. & B. Floral Co., scored 85; Alarm, by J. A. Suydam, 82; Fred Burki, by John Murchie, 88; Yorkston, by J. E. Krayer, 70; Lieut. Peary, by C. W. Ward, 85; J. E. Haines, by J. E. Haines, 87; No. 77, by Haines, 69; Cardinal, by R. Witterstaetter, 88; New Daybreak, by Weber & Sons, 80; No. 12, white, by Swan Peterson, 70; No. 9, by same exhibitor, 68; No. 8, variegated, by Vesey, 78; No. 4; pink, by same exhibitor, 82; Red Lawson, by W. J. Palmer, 87. The poor condition in which some of the varieties arrived is accountable for some of the low scores. Phyllis and others were not scored at all.

Miscellaneous Exhibits.

There were a number of meritorious exhibits outside those passed on by the judges.

Baur & Smith, of Indianapolis, staged 200 Indianapolis carnations which made a splendid vase. It should have been entered for the silver cup.

Peter Reinberg, Chicago, staged a fine vase of Uncle John rose, which made a very favorable impression, and a vase of Chatenay which was a revelation to the rose growers and retailers. It was arranged by P. J. Hauswirth.

Jas. Taylor, Mt. Clemens, staged a very good vase of Lawson; it should have been entered in the class for 100.

Frank Holzmagle showed a vase of Brides and Maids of remarkable quality.

Breitmeyer's Sons showed La Detroit in such shape that it was constantly surrounded by admirers.

Geo. Hopp, of Grand Rapids, had violets, and his new seedling rose.

J. A. Peterson, Cincinnati, showed Lorraine begonias, also a large-flowered sport, and a very good strain of Primula obconica.

The F. R. Pierson Co., Tarrytown, had fine flowers of the White Lawson carnation.

Aug. Von Boeselager, Mt. Clemens, showed good Morning Glory and Lawson carnations, fine violets, and superb sweet peas.

Wm. Sim, Cliftondale, Mass., had fine Princess of Wales violets and superb Mont Blanc and Blanche Ferry sweet peas.

H. R. Carlton, Willoughby, O., showed Gov. Herrick, a new violet which looks good.

The MacArthur rose was shown as grown by Heller Bros., New Castle.

The Moorehead steam trap was shown in operation and was watched with much interest.

C. Lund, Wausau, Wis., had a section of bench showing a new wire support on which he has applied for a patent.

There was an exhibit of the To-Bak-Ine products by the Detroit Nicotine Co.

There were a large number of seedling carnations of which no record was obtainable, and there were two large exhibits of carnations arranged for effect in which class no premium was awarded as the judges did not like the effect.

Mackinac.—Ward.

Late arrivals were good blooms of Prosperity and Enchantress from the Park Floral Co., Denver; a nice collection of orchids from Lager & Hurrell and some sample begonias from Clucas & Boddington Co.

Meeting Place and Officers.

Secretary Herr read an invitation from the Massachusetts Horticultural Society to meet in Boston in 1905, also one from the Chicago Florists' Club on behalf of Chicago. Mr. Peirce, of Waltham, spoke enthusiastically for Boston, but it developed that the Boston growers prefer the meeting in 1906, and William Gammage said that Canada wants it that year also. On motion of E. G. Gillett, Chicago was chosen for 1905.

The City Hall is emblazoned with a great electric sign, "Welcome American Carnation Society."

Fred Dorner lost his overcoat, but the watches were safe.

C. W. Skinner was on hand to show the growers how to save the stock in the field.

Some people saw evidences that the high feeding policy is apt to give a fine crop of blasted hopes.

One man brought good stock in a trunk. Partridge had a double header in his vase of Enchantress. Who was it said Adonis wouldn't do?

Wm. Murphy and the Chicago Carnation Co. have secured joint control of Witterstaetter's good scarlet, the Cardinal.

Wednesday was an ideal spring day.

Carnation Daheim.—Pierson.

There was but one nomination for president, James Hartshorne, of Joliet, being named by E. G. Gillett, seconded by Eugene Dailledouze. For vice-president Peter Reinberg and William Gammage were named. Secretary Herr and Treasurer Dorner were, of course, named again. The following directors were placed in nomination: For one year, William Weber; for two years, Eugene Dailledouze; for three years, E. G. Gillett; for four years, J. S. Wilson; for five years, J. F. Wilcox and C. W. Ward.

Various Items.

In judging the vases of one hundred dark pink blooms Messrs. Holznagle, Bayer and Hartje thought Hartshorne's Lawsons the best of six exhibits, but when Messrs. Rudd, Ulrich and Cushman had narrowed the sweepstakes down to the Lawsons they gave the blue ribbon to a vase the other gentlemen had rejected, that of Bassett & Washburn.

C. W. Ward arrived with a broken little finger, the result of a fall on the ice.

Thursday the blizzard blew.

At no previous exhibition has there been so much sleepiness in the exhibits on the second day.

Thursday's Session.

Thursday's session the first business was the election of officers. For vice-president, Peter Reinberg received twenty-five votes and Mr. Gammage twenty-seven. Mr. Ward withdrew as candidate for director and all other officers nominated were elected unanimously.

William Scott was presented to read his paper on "Exhibiting Carnations," which appears in full in another column. H. M. Altick opened the discussion, supporting Mr. Scott's ideas. Mr. Rudd took issue with the recommendations on the basis that the society's test can never be wholly practical and successful. Mr. Ward agreed with Mr. Rudd and related some experiences of the seedling raiser. Mr. Valentine spoke for a test under average condition, but could see no hope of securing it. Mr. Peirce proved to be the laugh-provoker of the society in his defense of the men whose flowers went to sleep. Mr. Baur and Mr. Hill spoke of the danger in, and impracticability of, the test recommended by Mr. Scott.

E. H. Cushman reported for the committee on the president's address; that part of the recommendations relating to a class for pot plants was adopted.

Mr. Ward introduced the subject of convention date. It developed that the late date tried this year was unpopular for many reasons. Discussion showed that the last Wednesday in January was favored. The matter was left in the hands of the directors.

Mr. Rudd brought up the matter of judges and recommended that three be elected, and one each year hereafter. A committee nominated nine candidates. The election resulted in the choice of W. N. Rudd for three years, Wm. Scott for two years, and Wm. Nicholson for one year. Of 53 votes cast Rudd had 40.

J. A. Valentine, Eugene Dailledouze and E. G. Hill were appointed a committee on affiliation with the Rose Society. Wm. Scott, Wm. Weber and A. F. J. Baur were appointed a committee on final resolutions and reported at the banquet. May 1 was adopted as the date upon which the newly elected officers assume their duties.

The society then adjourned.

The Banquet.

Thursday evening the Detroit Florists' Club banqueted the visitors at Harmonia Hall. Robt. Flowerday presided. Those who responded to toasts were E. G. Hill, Wm. Scott, H. M. Altick, Alex. Wallace, Lewis Ulrich, Wm. Gammage, W. J. Stewart, W. N. Rudd, G. A. Rackham, Philip Breitmeyer and others.

For Friday.

Breitmeyer's Sons have provided a special train to take the society to Mt. Clemens on Friday morning, where they will be entertained with the well-known hospitality of the firm. There will be a large party, as all wish to see La Detroit growing. It is stated that the bookings are large on stock to be sent out April 1.

EXHIBITING CARNATIONS

On Lines Similar to Those of the American Chrysanthemum Society.

By William Scott, of Buffalo.

Since the time that I was asked, or may be volunteered, to read a paper before this meeting, some change of the subject has been made and, as those changes were made without my consent, it gives me the privilege to wander a little from the text. If I can bring about by any thought or suggestion the increased usefulness of the American Carnation Society, the title of my remarks is of little consequence.

Our society was formed and exists not alone for the benefit of, or usefulness to, those who have new varieties to disseminate, but for every member who grows carnations. Whether large or small growers, they look to this society for its stamp of approval as a guide before investing in any new varieties. Don't think, you gentlemen who are so wonderfully improving every desirable attribute of the carnation, that the writer thinks for a moment that you are getting any more glory and profit out of the society than you deserve. You are

Carnation The Cardinal.—Witterstaetter.

not. Without you our society could not exist and the annual exhibition of the new varieties is the grand feature and attraction that brings members from long distances to attend the meetings.

I have nothing to criticise of what our society has done, or its methods of accomplishment. The exhibition of and premiums given for standard varieties is a good feature, for it teaches growers that some one can do an old variety in fine shape, but it is to make acquaintance with new varieties that brings us together for these most enjoyable meetings, and that is by far the most important feature of our annual convention. The committee that is annually appointed to award certificates to these new varieties do their work, to my knowledge, most conscientiously and exercise all the care and caution that they can, but only in rare instances do they know anything of the new aspirants to fame, except by the few flowers that are on exhibition. They do not know how many poor flowers were left at home. It's none of their business to learn whether the plant produced only seven such blooms during the season, or if it produced twenty-five. They are not supposed to know what quality of soil this variety was grown in, unless they happen to be acquainted with the locality and establishment of the raiser. Neither are they acquainted with the temperature that best suits any certain variety.

I will admit that these important points are freely imparted by the raiser to any prospective purchaser, and without doubt any and all those firms sending out new varieties would, and do, most gladly welcome any intending buyers to visit and see for themselves these varieties growing. With large investors in a new variety this is often done, but with the great army of florists this is impossible and they wait for the report of the convention as to what rank a variety took as a prize winner and how many points it scored in the certificate class.

To repeat, with all the careful judgment that the committee brings to bear in scoring points, they having nothing but these few extra selected flowers to guide them, and although many a variety has been awarded a certificate that well deserved it, and its sterling good qualities have made it a bread winner in every section of the country, yet you all know that while this has been the case there have also been sent out with a certificate from this society a good many varieties that had but a short and ignoble career. Money gone into pockets that never deserved it. Still worse, a waste of bench room, time and labor. Granted that the raiser himself is often deceived. A variety may do well with him for three or four years and he honestly believes it is a splendid thing and he would not be patriotic to the trade if he did not let his brother florists participate in the benefits derived by growing his wonderful variety; then in almost every place except the soil and environments in which it was raised from a seedling and first showed its good qualities, it has turned out to be a miserable failure and a pecuniary loss to many a man who felt the loss.

We shall hear from Robert Craig as to his views on the early collapse of many most promising varieties; that is something entirely outside the province of my subject, but it has some bearing

Carnation Richmond Gem.—Knopf.

in this way, that if a dozen growers in different sections of the country were testing the new varieties before their dissemination this collapse might be discovered before the raiser had a chance to send them out. We know, and so do you all, of instances where a variety, after giving every promise, being shown at our exhibitions until it would have been in large demand, has been withdrawn and not one sent out simply because the owner discovered faults and failings in the variety and believed it would be a disappointment to those who bought it. This is most honest and honorable conduct and cannot be too highly admired and commended. The opportunity to make a few thousand dollars was sacrificed, but the reputation and confidence in the firm was greatly enriched.

We all remember, some fifteen years ago, that there were a half dozen or more firms in the country who thought it very necessary for the welfare of the chrysanthemum growers of the land that each should send out its set of new varieties. The set was twelve varieties. We also remember that if there was one real acquisition in each set, it was all we could hope for, and often more than we got. That prolific production died a natural death, not because the chrysanthemum became less popular, but the florists of the country got wiser and learned that no one firm can have the good fortune to raise twelve varieties of great merit in one year. If they had succeeded in producing one variety that surpassed in all desirable qualities any existing flower of its color, they had done well and it would have been more profitable to the average florist had he paid the specialist the price of the whole set for one plant of that real good variety and not have wasted money, time and space on the other, long forgotten and useless eleven.

Nothing as absurd has yet taken place with the carnation, yet if you look through the list of new varieties offered this year it is a pretty long one and the man who wants to grow the best is greatly puzzled to know what to buy, and I think it is the special duty of this society to guide him in his choice to obtain the best in every class. I am not insinuating for a moment that the disseminators of those chrysanthemums, or of the present-day carnations, are practicing anything but a legitimate and honorable business. As long as they can find customers and a profitable sale for their new varieties, they are justified in advertising and sending them out. It is simply business, and human nature, and will continue till the men who grow to produce cut flowers only realize that, great as the improvement of the carnation has been within the past fifteen years, we cannot expect that each succeeding year there are going to be a dozen varieties sent out that surpass all that have gone before.

To digress a moment. Heredity has as much to do with the improvement of flowers as it has in the improvement in the animal kingdom. There is, there must be, in nature a constant tendency upward and onward toward improvement. Plants and animals on the earth without man's interference are here by natural selection. Plants and animals that man has influenced, our economic and garden plants and our domestic animals, are here by artificial selection. But this improvement does not occur with every individual and perhaps with the case of florists' flowers not one in 10,000. You carnation specialists know that you may raise 10,000 seedlings, all from parents of great excellence. Every seedling has an equal chance, yet many will revert away back to a remote progenitor, a single-petaled dianthus. Ten per cent may be equal in size and color to their immediate parent and perhaps one in 1,000 may be superior in some quality to either parent, and different in another, and if you get one in 10,000 that surpasses the parents in all good qualities, you are lucky. You have advanced the flower slowly and at a cost of time and money, yet slightly you have lifted the flower upwards.

The advent of a wonderful flower, let it be the Lawson carnation or Catherine Mermet rose, is like the sudden appearance of genius among men. "Like begets like" is a trite old saying, but only partly true. There is nothing in the ancestry of a Shakespeare, a Burns, a Napoleon or a Lincoln to account for their inspiration and power of intellect. They towered over their ancestors as well as their descendants, as did that one little seed that produced that matchless flower, Mrs. Lawson. Why this is or what governs it we know nothing, but we know it seldom occurs.

Now I think I have said enough against the evil of too many new varieties being introduced that are not improvements over existing varieties, admitting at the same time that as long as purchasers can be found these raisers of new varieties are doing a legitimate business and they will continue to do so just as long as they find it profitable, and admitting also that under our necessary artificial culture of the carnation the best of varieties wear out, for propagation by cuttings is not raising a new individual, it is merely dividing and perpetuating the same old plant. The seedling is the birth of an individual and therefore we look to the man who is a specialist along these lines to give us new varieties that possess health and vigor, as well as the other attributes that make a desirable variety.

I am aware that several firms which had new varieties to send out have sent to a few growers in different parts of the country a dozen or twenty-five plants for them to test in their soil and climate, knowing that if the variety was a success with them that the word of these men as to the qualities of the variety, as well as the inspection by many growers who had an opportunity to see it growing, if favorable, would add largely to its sales. This plan is, in my opinion, just what should be done and practiced to a greater extent and with some recognized system.

To send a bunch of flowers to a meeting of some florists' club, as several firms so kindly sent beautiful flowers to our meeting in Buffalo two weeks ago, is a great treat and affords many men an opportunity to look upon these wonderful flowers who cannot possibly, from some cause or other, attend our national gathering. Don't think for a moment that because they have seen these flowers they will not want to attend these conventions; it will rather, I think, raise enthusiasm and make them anxious to look upon the wonderful display that we have before us today. Withal that is not enough and we learn nothing of the habit, productiveness, faults and failings of the variety that we cannot learn from the few beautiful, perfect flowers that are set before us.

I have often remarked to a brother florist who was dabbling in the seedling business (it is very fascinating), that if he had the good fortune to raise a seedling that proved, under his care, to possess size, color, stem, freedom and other good qualities and it sold well and was profitable, then he should keep on growing it and not trouble himself about sending it out. Keep it and make money from the flowers. The very fact that it did well from the original seedling plant to the time when you had a thousand plants is proof that this seedling of yours was suited with your soil and climate and care. Many florists have done this and I was strongly of the opinion a few years ago, when so many seedlings were offered, that the majority of florists would soon depend on their own seedlings. I think my memory is correct

Governor Odell.—Patthey.

Carnation Star of Bethlehem.—Haines.

when I state that Daybreak, which marked an epoch in the history of carnation culture, quite as much as Lawson did, three or four years ago, was sold by the raisers for the enormous sum of $300. It seems to me that if the firm that raised it had kept it for three or four years and grown an acre of it, they would have realized 100 times as much from the blooms as they did by selling it.

Now let me propose that this society select or designate ten or twelve florists in different parts of the country; naturally they would be in the neighborhood of our large cities or in localities where carnations were extensively grown. They should be men who are widely known to be good, careful cultivators, having the facilities as well as the skill to thoroughly test and demonstrate the value and merits of any variety put under their care. They should not be men or firms that are interested in the distribution of their own seedlings. That is evident, for human nature is still human nature and a man who had a scarlet variety which he was putting on the market would hardly feel that it was his duty to grow and boost some other fellow's scarlet variety. If he did he would be more saintly and unselfish than anyone who has lived for nearly 2,000 years.

We cannot make this compulsory, either with those who are to give these new varieties a trial in their houses or on the man who intends sending out his new varieties, but I believe there would be no difficulty in finding a good, capable man in every neighborhood glad to grow twenty-five plants of any variety sent to him. There would not be so many. Even supposing there were twenty new varieties offered next year and twenty-five plants of each, it would be only 500 plants. A comparatively small space would be required and surely the flowers cut from these plants would well pay for the bench room. As I believe establishments can be found most willing to give these new varieties a trial, so do I believe that every man who has a seedling he honestly believes in and the large sales of which he is anxious for, will be heartily glad to have it tested in several different sections of this broad land.

With all sincerity, I say that I know no men or firms who intentionally send out a poor variety of carnation. They are in love with their own offspring and if their offspring fails when abroad in the cold world, they erred in their judgment, but meant well. Ten or twelve stations, or I may call them, trial grounds, distributed over the continent, including our neighbors and brethren of the Dominion, would give us many textures of soil as well as varied climatic conditions. I need not enter into that, for you all know in the wide expanse of latitude and longitude from the shores of the Gulf to the wheat fields of Manitoba and the rock ribbed coast of Maine to the mild and salubrious timber lands of Washington, there are lands of dark clouds for months, and others of almost continuous sun; states where the absence of rain makes irrigation necessary and localities where too much rain is feared.

I would have these men who are making these trials report to the secretary of the society by February 1 of each year. If a variety has not shown its good qualities by that time it has no place in the list of winter flowering carnations. On receipt of these reports the secretary of our society should publish them in the trade papers, or, if you think better, have them printed in circular form and mailed to every member of the A. C. S. in good standing and to nonmembers who applied for the report at $2 per copy. The report from the men giving these new varieties a trial would, of course, tell us the quality of soil, temperature, what style of bench, and other information that would guide us to learn whether our conditions would suit it. The nearest trial ground to our home would naturally be the one we should look to for our most valuable information. Failures would doubtless be reported from some quarters, but if the variety was really worth our buying, it would be sure to have enough favorable reports to ensure its wide distribution. In addition to the report of the grower, a local committee might visit the establishment in December and give a much more valuable report from seeing the plants growing and the flowers they were producing, than is the report of a committee which only sees some selected flowers sent to them. Perhaps this would be the most valuable estimate of the merits of the varieties.

In conclusion, gentlemen, I think the

Carnation John E. Haines.—Haines

object of this society is to help and benefit every member and what I propose would, I think, go far towards that end. There is, of course, detail to be worked out in the plan, but something along the lines I have endeavored to explain would I think be a blessing to the thousands of men and women who are striving to make an honest penny in the virtuous and gentle art of raising blossoms of the divine flower.

MANAGEMENT OF EXHIBITIONS.

By Willis N. Rudd, Mt. Greenwood, Ill.

The manager of a horticultural exhibition, especially one intended for the general public, must be prepared to expend all his energies, both of brain and muscle; he must be prepared to crowd two working days into every twenty-four hours; he must be firm and determined, yet good natured and diplomatic; and, above all, he must be able to think and act quickly under unforeseen difficulties, and perhaps amid a storm of abuse.

Carnation Phyllis. Exact Size of the Bloom Photographed.

Given a man with the proper qualifications, there is still, generally, the lack of experience on his part, and inability to secure experienced assistants. It is customary to divide the work of exploiting and holding an exhibition among various committees, and this is an excellent method if the proper men can be placed on the committees, and the proper co-ordination can be secured and the proper amount of enthusiasm developed among them. The manager should, however, be in constant touch with all the committees and have an intimate acquaintance with the work they are doing.

After deciding to hold an exhibition, the first thing to be done is to issue a premium list. A preliminary premium list should be gotten out as early as possible; a year in advance will be none too early. Of course the extent of the list and the size of the premiums will be governed by the amount of money available. Local firms and individuals can generally be induced to subscribe liberally toward the premiums. In order to secure a well balanced exhibit it is advisable to block out the list first and then solicit the prospective donors to assume the payment of various premiums therein, rather than to offer special premiums. It should be borne in mind that the exhibition is held in order to interest the public and the list must be designed to secure a comprehensive and attractive exhibit. After this, and almost of equal importance, the list must be so arranged as to attract the exhibitor.

It is unfortunate, but true, that very few florists can be made to see what an immense incentive an exhibition is to the buying public. Every exhibition makes new buyers and makes old buyers purchase more frequently and pay higher prices for better goods. Added to the general increase of sales and prices in the local market is the direct advertising value to the grower of a good plant or vase of flowers, or to the store man exhibiting an artistic arrangement. While something can be done in the way of missionary work, it must be admitted that the prizes must be made as large as possible in order to appeal to a large proportion of the growers, and—let me whisper it—a still larger proportion of the store men.

To secure quantity and variety a certain number of premiums for "collections" are necessary, but there are but few growers who can compete in such classes, and the bulk of the premium money should be offered for specific things. When the individual premiums are not so large as might be desired, sweepstakes, open to the winners in several other classes, are attractive. Provision should be made for gratuities to exhibits not coming within the classified list of premiums.

A final premium list containing rules, dates, location of exhibition, addresses, miscellaneous information and the revised and numbered premiums should be mailed at least two weeks before the exhibition. The premiums should be grouped under the day and date on which they are to be staged and should be numbered consecutively, as "class 1," "class 2," etc. Repeating the same numbers under different divisions or grand classes must be condemned, as it leads to confusion and error. The final list may be arranged to be used as a program for the public but a special program giving the musical numbers for each day, as well as the premiums, is better and can generally be paid for by the advertising privileges in it.

As soon as it is decided to hold an exhibition the press should be notified and short notes, more or less directly bearing on the show, should appear at intervals. About three weeks before the opening day the "strenuous" advertising work should be done. The press should be supplied with photographs and material for reading notices. This work should culminate upon the Sunday before the opening day. If the dates have been so arranged that the exhibition does not immediately precede some event of overshadowing importance, such as a political convention, or—sad to relate—the horse show, with tact and hustle on the part of the advertising committee, the newspapers can be induced to give liberal space. Banners across the street, street car advs, large billboard posters and small posters in shop windows, restaurants, hotels and public places are all good. On the evening before the opening day an effort should be made to induce the reporters and photographers for the morning papers to be present and prepare illustrated write-ups. The afternoon papers upon the opening day will follow with pictures and descriptions of the completed show and the exhibits and a part of the awards. An effort should be made each day to reserve part of the awards to be first published by the morning papers upon the following day.

A press committee should be appointed, some member of which should be present at all times, while the show is open, to talk with and explain the exhibits to the reporters. The best men available should be detailed for this purpose, as the amount of space given in the papers will largely depend on their work. Arrangements should be made for quickly copying and manifolding the awards, which should be sent direct to each paper by a trustworthy messenger.

A first-class press agent will be well worth his hire, but he must be kept in close touch with some one well posted on horticultural subjects, or the information given to the public will be weird and wonderful. The newspaperman or press agent simply cannot spell botanical names.

As soon as the premium list is out the manager should by personal visits and by personal letters begin drumming up exhibits and keep at it until the show opens.

If possible a treasurer should be appointed who will be responsible for the ticket taker and seller and the handling of all money. Small bills, after receiving the O. K. of the manager or proper committeeman, can be paid by the ticket seller, the receipted bill being retained and turned in at night as cash, larger items being, of course, paid by check in the usual way. The professional ticket

Seedling No. 77. Raised by John E. Haines.

seller and ticket taker are to be shunned. While the writer does not intimate that all are dishonest, he has met among them some of the most finished rascals upon the face of the earth and the non-professional show man is a lamb in their hands.

A convenient form of ticket is that printed in a continuous strip and notched so as to be torn off readily. The tickets are numbered consecutively. Each strip, containing 1,000, is coiled and sealed. The tickets should be obtained from a firm making a specialty of such work and preferably located in another city to avoid leakage in the press-room. The ticket seller should receipt for tickets received in the morning and at night return all unsold tickets, with a written statement of sales and cash to balance. A locked box should be provided for the ticket taker in which to deposit tickets. In closing at night the treasurer should examine and count all tickets in the box and personally see that they are destroyed. Passes and free tickets should be issued by the treasurer, on the written order of the proper persons or committees. The press must be taken care of, members of the society are generally admitted free and exhibitors are entitled to free admission, but the issuance of free tickets should be hedged around with all possible difficulties, as the free list is often responsible for a large part of the almost universal deficits which result from horticultural exhibitions. When receiving cash at night at least two trustworthy persons should remain with the treasurer and accompany him until the funds are put in a safe place.

An incompetent secretary or a poor system can create a deal of trouble and arouse a deal of criticism. The writer prefers what may be called the De La Mare system of exhibition accounting as being simple, speedy and accurate. It consists of an exhibitor's book, a class book, a judge's book, entry cards and envelopes for them, and a set of gummed labels of different colors, "1st premium," "2nd premium," etc., to be attached to the entry cards by the judges as they complete each class.

The exhibitor's book has a large leaf, about cap size. At the top appears the name of one exhibitor and his entry number. In a column at the left appear the numbers of all the classes in which he is entered. This is copied from his entry blank. In the middle space is entered on the line with each class number, after the judges have passed on the class, the premium won; as, "first," "second," etc., and in the right-hand column, which is ruled for dollars and cents, is entered the amount of the prize, so that when all are entered a footing of that column will give the total amount of his winnings.

The class book is similar to the exhibitor's book, except that each page is devoted to one class, and in the left-hand column are written the entry numbers of all persons competing in the class. In the middle column is written the prize won and at the right the amount. The footing of each page will give the total awarded under the class in question, and it is evident that the total footings of the class book and the exhibitor's book must agree, thus making an excellent check. All entries in both books should be made from the exhibitor's entry blank and should be carefully checked over to insure absolute accuracy. It is well to enter the amounts of each premium offered at the head of the page of its class.

The judges' books are smaller and have perforated pages to be used in duplicate by carbon. At the top appears the class number and the total number of entries in the class, and below are written the awards as made, giving both entry number and exhibitor's name. In use, an assistant will remove the envelopes from the exhibition cards and affix the pasters as instructed by the judges. The secretary or a trustworthy assistant

Carnation Juno.—Haines.

who should accompany the judges, having the carbon sheet in position, will write in the awards. Each judge will then in turn take the book, see that the class number is correct and that he has examined the total number of exhibits entered and see that the names and entry numbers of the prize winners are properly entered under the prize won, signing his initials. This method, if properly carried out, gives an almost absolute guarantee against errors and, as this is the most vital part of the bookkeeping, this method should never under any circumstances be varied from. As fast as a class is judged the duplicate sheet may be torn out and sent to the press committee, avoiding vexatious delay to the reporters and assuring them an accurate list, while a complete and certified list of awards remains in the book.

The exhibition cards will have the class number, the name of the class and the exhibitor's number and name. They should be enclosed in an unsealed envelope bearing on the outside nothing but the class number. It is a common mistake to place the entry on the envelope also. This is wrong, as after opening a few envelopes the judges will know the names, and while a knowledge of the exhibitors' names will rarely influence a judge, he much prefers not to know them until the decision is made. These cards will all be made ready in advance and tied in bundles, with each exhibitor's name attached to his bundle. They are delivered to the exhibitor and attached by him to his exhibit. Here, as everywhere, checking, preferably by a second person, is the order of the day. There must be no mistakes.

After the awards are all made a voucher is to be made for each winner, showing in detail and in total the amounts won, which voucher will go to the treasurer for payment.

Three judges are commonly invited to act, although the writer believes one judge is much better. One man, realizing that the burden is on him alone, will be much more likely to exercise greater care than if he can shift two-thirds of the blame on his "wicked partners." If possible at least two of the judges should be residents of a distant locality. In close decisions the work of such judges is much better received by the exhibitors than that of local men and charges of favoritism are much less apt to be made.

In general a grower is a better judge of plants and flowers than a retail man, and the store man is a much better judge of artistic arrangements than the grower. It should be borne in mind, however, that, over and above all, the necessary quality in a judge is the judicial temperament. There are many first-class growers having wide knowledge of plants and flowers who are absolutely unfitted to act as judges. Men who have had experience as judges are always to be preferred. Of course a judge's absolute honesty must be beyond question. A committee of ladies selected to judge a limited number of exhibits will often add to the public interest.

All protests should be filed in writing over signature and should state in full the grounds for protest, and should be filed at once. The protest should at once be placed before the proper committee, who will first call in the judges and learn their grounds for making the award, after the grounds of the protest are made known to them. They should be given a chance to rejudge, if they desire, after which the committee may examine the exhibits and confirm or alter the awards as may seem best.

Carnation Richmond Gem, bloom full size.

The judges, especially in a large exhibition, should not be required to examine exhibits, count blooms, or otherwise be responsible for compliance with the rules. It wastes their time and distracts their attention from their proper work. A properly selected examining committee should precede them. They should count all exhibits requiring a specified number and relentlessly reject any exhibit which, by overplus, or shortage, or in any other way, does not absolutely and literally comply with the rules. It is not fair to the man who faithfully lives up to the rules to allow another who, whether by accident or design, seeks to evade them, to compete with him. Any rule which cannot be enforced must be struck from the list, while those retained must be rigorously enforced. The examining committee will note grounds for rejection on the cards of all exhibits thrown out, and will O. K. the envelopes of all those accepted.

An entry blank should be enclosed with each final premium list, and entry should be made on this by number only. Entries should be closed at a certain time before the classes are to be staged, in order to allow the secretary to get his work in hand and to enable the manager to arrange proper space, tables and vases. A fine should be assessed against every exhibitor failing to stage an exhibit entered, unless it has been declared out, at least by noon the day before the class is to be staged.

Some decorating, more or less elaborate, will be needed in the hall. As there are many florists in nearly all cities who are experts at this work, the writer need not enter into minute details. It should be borne in mind, however, that the decorations are simply a background to set off the flowers and plants, and should be subordinated to that purpose. Flags, bunting, paper flowers, Japanese lanterns, and the like, are in most cases better excluded. Among greens, the wild smilax and evergreen boughs are pre-eminently the thing. Perhaps there is no more effective background for cut flowers, especially chrysanthemums, than the dull-colored autumn foliage of the white oak. The brilliant scarlet and yellow tints of maple foliage are not so good in large masses. Evergreen trees can be used where there is a scarcity of palm groups, and for screens. Spanish moss is effective, but expensive. Corn stalks may often be used to good advantage. Wild smilax may be used to drape tables and twine around cut flower vases, thus relieving what is frequently an ugly blotch in an otherwise beautiful picture. The decoration should be started as early as possible and finished, and debris removed before the exhibits begin to arrive.

The problem of installation is greatly simplified where space is sold, as the hall can be mapped and the exhibitor can be trusted to fill the space he has paid for. With such exhibitions, however, this article does not largely deal. In public exhibitions, where so much depends on the general appearance, this plan cannot be pursued. The writer has learned by dear experience that from the average exhibitor no adequate idea of the extent of his exhibit can be had. He has seen a promised carload of plants dwindle to a small express wagon load and a small group expanded to a moving van full, at the last moment.

The manager must see the plants in hand shortly before the show, by as many exhibitors as possible, and get as complete an idea as possible of the size, quantity and character of them; he must study his hall frequently and carefully in connection with the knowledge he has gained of the exhibits and sketch out a skeleton of the picture he wishes to create, locating his prominent groups. He will then endeavor to induce as many

as possible of the dependable exhibitors who have the material and the skill in arranging to meet him at the hall one by one (never two at a time) and endeavor to induce each to accept and fill the space which he, the manager, wishes filled. This requires diplomacy, but can generally be done.

The cut flower tables must then be located, also the space for table decorations, or other large decorative work. These, especially the table decorations, are best located in a separate room, if possible, although there must be a goodly quantity of color in the main hall. The rest must be left until the exhibits arrive and the manager can size them up and place them where the best effect will be produced. In this process the manager must coax and wheedle, browbeat and bully, perhaps "cuss" a little, and at last possibly demonstrate that he is the czar of all the Russias for this day and date. At this time there must be one "boss" and there must be no appeal from his decisions. He must demonstrate that he is fair but at the same time must make it emphatically known that the whim of no one exhibitor is to be allowed to injure the effect of the display as an artistic whole. Let him explain and argue, if there is time, but if not, let him command and see that his commands are obeyed.

Of course the arrangement of exhibits in classes for judging and their rearrangement before the public is admitted is desirable, but in large exhibitions where the hall rental amounts to many hundreds of dolars per day this cannot be done. Well in advance of the work the necessary men will have been engaged and instructed. Tables, stands, vases, paper, hammers, wire, ladders, water cans and all the other thousand and one requisites will have been provided, placed in convenient location and put in charge of a trustworthy man. From the time the exhibits begin to arrive until the doors are opened to the public the manager must be in the hall. He must be prepared for every conceivable accident, and many that are not conceivable.

A time should be set at which no more exhibits or material shall enter the hall, and he must have a man at the door who will be proof against entreaty, bulldozing or physical force. Another hour should be set at which all must be ready, and he should begin early and notify all at frequent intervals that the rule will be enforced. It is not fair to the public to admit them to a half-staged exhibition after they have paid to see a finished one, and it is not fair to the exhibitor who is on time to have his display stand and possibly suffer to help out the delinquents.

When the first day's exhibit has been installed half the battle is won, but untiring effort and unceasing watchfulness are necessary until the last plant is out of the hall after the show is over. Thefts must be guarded against. The public does not realize the value of the material shown and the stealing of flowers is considered no great crime by many—and, besides the public, tnere are often others. Each day the water in vases should be changed, withered flowers removed and stems shortened. At crowded times plants and flowers must be protected from injury. Faded or damaged material must be removed or placed in less prominent positions and places made for new, fresh and novel exhibits as they come in.

Sensation.—Ward.

Dismantling the show should never be done at night if it can possibly be avoided. The hall should be closed until the next day and the exhibits removed by daylight. Where necessary to dismantle at night, the public should be made to leave before the work is begun, as a general assault by the public and the wrecking of many exhibits, is apt to occur at this time. Each exhibitor should be required to identify his men, and each should be tagged by a piece of card pinned to his coat and bearing the plainly written name of his employer. A strong guard should be put at the door, no person not properly tagged be allowed to enter, and each employe compelled to keep away from all exhibits except that of his employer. These seem drastic regulations, but their observance will save many valuable plants and much mortification to the manager. In packing vases, tools, etc., it will be advisable to number each box plainly and keep a record of its contents in a book provided for the purpose.

In conclusion, let me say that I devoutly believe there is no town in this broad land where there is a grower of flowers, or a seller of flowers, in which there should not be some kind of a flower show, at least once a year, and I believe there is hardly a town in which one might not be easily held if the florists and growers would display a little, a very little, business horse sense.

BOSTON.

Flower Market Exhibition.

The ninth annual trade exhibition of novelties and standard varieties of older carnations, given under the auspices of the Boston Co-operative Flower Growers' Association, was held on Saturday, February 27, in the wholesale flower market, 163 Columbus avenue, Boston, and was well up to the average in number of exhibits and quality. The new market is a vast improvement over the old Park street one with its dingy, dark and cramped quarters. The light is good and floor space ample.

In the classes for standard varieties H. A. Stevens Co., won for fifty white with fine blooms of Governor Wolcott, Geo. M. Anderson being second with the same variety. In scarlet L. E. Small and D. J. Kerrigan won with J. H. Manley. Crane, Estelle and other scarlets were shown in this class. Enchantress was first for light pink and Fair Maid second; J. W. Foote showing both vases. The fact that Fair Maid beat several entries of Enchantress on this occasion, would show that it is a dangerous rival of that fine variety.

In dark pink all entries were of Lawson, Miss E. Philbriek and L. E. Small being the winners. Harry Fenn monopolized the crimson class. Excellent vases from M. A. Patten and S. J. Goddard were shown, securing first and second. For variegated D. J. Kerrigan took first and second with Prosperity and Bradt. The first named had fine flowers, but lacked strength of stem. Only one vase of yellow was shown, from Backer & Co., a good vase of Eldorado securing first place. For 100 mixed blooms W. Nicholson won with a fine vase. E. M. Wood & Co. had the best vase of twenty-five roses, showing superb American Beauties.

There was a strong entry of violets, Princess of Wales easily led in the single class, W. Sim and W. Spilsbury having the best. In doubles L. Smith and M. Orr won with Campbell. Certificates of merit were awarded to magnificent vases of Mont Blanc and Blanche Ferry sweet peas from Wm. Sim. These in our opinion were the most meritorious exhibits

in the show; the strength of stem and size of flower being remarkable.

Seedlings were quite largely shown, a white from Louis Small, of Tewksbury, scored 90 points. This is a well-formed, full flower of a glistening white, stem and calyx A 1. If this is a free bloomer it should prove a winner. A. Roper showed quite a number of seedlings. A fine striped variety, Chester Roper, scored 85 points and will be heard from in the future. His No. 305 and No. 307 were also good. The Rockland Greenhouses showed a few blooms of their striped sport from Mrs. Lawson; had twenty-five blooms been shown, this would undoubtedly have scored high. John Barr had flowers of two whites of large size, his No. 1 being the largest white staged. H. A. Stevens Co. had half a dozen flowers (not staged) of a seedling white (Lawson X Wolcott), a large, full, well-built flower with an ideal stem. The same grower has a sport from Lawson of Enchantress color, which should be a winner. Geo. E. Buxton showed Marion Buxton and S. J. Goddard a fine vase of his new yellow, which showed up well, also a pure pink seedling of Joost color from same pod of seed. W. N. Rudd showed Phyllis, a seedling of color and form of Fair Maid. F. E. White showed a useful commercial white, L. Cousins a rosy pink variety and Geo. O. Beckham, Octavia, a striped variety. Peter Fisher's exhibits were missed on this occasion. It had been hoped he would stage Nelson Fisher and some of his newer seedlings.

The committee of arrangements for the exhibition were W. Nicholson, E. Sutermeister, I. W. Mann and Geo. Cartwright.

The Market.

Between February 8 and February 20 there was a decided improvement in market prices, but the past week has shown a decline all around, the Lenten dullness being now well established. Brides and Maids have brought from $4 to $10 per 100; a few extra fine netting $15. Beauties are becoming a little more plentiful, the best bringing $50 and from that down to $6 for culls. A few Jacqs, Brunners and other hybrids are now appearing and sell well.

In carnations Prosperity has brought as high as $10, but it is not considered a money-maker even at that price. Enchantress $4 to $6, Fair Maid $4, Lawson $3, ordinary grades $1.50 to $2.50.

Violets are abundant. Singles take the lead with prices from 25 cents to 50 cents. Princess of Wales in single and Campbell in double are the popular sorts.

Bulbous stock is decidedly druggy, there being a heavy oversupply of the Yellow Trumpet narcissus. The varieties seen are Von Sion, Princeps, Golden Spur, Horfieldi and Emperor; prices run from $1 to $3 per 100. Tulips are in good supply, but good freesia is getting scarce. Lilies sell at $6 to $8. Valley is in a druggy state, the price being as low as $10 per 100 for some, while little sells above $3 per 100. In the way of miscellaneous flowers, English primroses, nasturtiums, myosotis, ixias, wallflowers, pansies, sweet peas—the latter extra fine—and a few anemones are seen.

Orchid flowers are being more and more used by the leading florists. At present Cattleya trianae, Dendrobium Wardianum and nobile, Coelygne cristata and cypripediums are chiefly in evidence.

Various Notes.

The annual carnation show at the flower market brought out, as usual, a large number of growers, many private gardeners as well as florists attending. It is surprising that more novelties from a distance were not received, for Boston is an A 1 market and must have the very best varieties procurable.

Mac Mulkin, on Boylston street, continues to give the retail florists weekly object lessons in window arrangement. His windows are always arranged very tastefully, one color only being used. A few days ago he had a creation in yellow, which was very effective, genistas, tulips, narcissi, primroses, oncidiums, acacias, carnations and roses being chiefly used.

Newtonville Greenhouses are sending some remarkably fine Bride and Bridesmaid roses at present.

Carnation specialists are hoping that the 1905 carnation convention will come to Boston and are willing to subscribe liberally toward securing it. Both the Massachusetts Horticultural Society and Boston Gardeners' and Florists' Club have sent invitations and will offer special prizes if the convention comes to the Hub.

At Horticultural Hall on February 27 an illustrated lecture on "Parasitic Fungi," by Dr. G. P. Clinton, New Haven, Conn., attracted a good audience. A lively discussion followed the lecture.

The severe winter has caused an extra heavy consumption of fuel. Florists who bought what they considered a sufficient supply to last until warm weather have had to secure large additional supplies.

The Boston Gardeners' and Florists' Club is now in a flourishing condition and adding new members at every meeting. The discussions are of a thoroughly practical and helpful nature. Meetings are now held on the third Tuesday in the month at Horticultural Hall.

W. N. Craig.

CHICAGO.

The Market.

The pace has slackened perceptibly during the past week. Receipts of stock have increased largely under the influence of moderating temperature and demand has no more than held its own, if it has done so much, and the result has been an accumulation of stock in all departments which weakening prices have had little effect in moving. Good roses still command fair figures, but there are enough of them for all requirements, leaving a very poor market for short and small stock. Carnations are coming in heavily and at prices quoted the quality offers very good value for the money. All the painstaking growers are turning out first-class stock; unfortunately the adjective is still necessary. Everything in the bulbous line is plentiful and the man who will clean up a counter at a cheap price is a welcome buyer. Violets are again being received in enormous quantities, including Hudson river stock. Quality, while not up to the midwinter standard, is far from bad, but the market is very slow indeed. Prices have ranged from 75 cents per 100 down to $2 per 1,000, and one large handler states that it is his opinion that, counting what are not sold at all, the entire receipts of the market for the week will not average 25 cents per 100, but this looks like an extreme statement. Amling gets good Blanche Ferry sweet peas, but says they sell slowly.

Death of Walter Kreitling.

The trade was shocked and saddened on Tuesday to hear of the sudden death of Walter Kreitling, of peritonitis. He had been ill such a few days that few had heard of his absence from business. Mr. Kreitling was one of the most widely known retail florists in the United States. He conducted, with the aid of a sister, recently married, a thriving business at 10 East Van Buren street, and had the patronage of and from such institutions as the Chicago Club and Washington Park Club. But it was by his jovial disposition that he was best known. He was a regular attendant at conventions and club affairs and was always "hail fellow well met" in whatever company. His death takes away a willing hand and a cheerful friend. He was 41 years of age. The funeral will be held on Thursday, at 1 p. m., at the residence, 1517 West Van Buren street; interment at Forest Home.

Various Notes.

Following the Iroquois theater fire the underwriters and city building department have been very active and one of the edicts of the underwriters is that no more wild smilax shall be used in the department store decorations because of its alleged highly inflammable character after it has been up three or four days in a steam heated room.

W. A. Kennedy, of Milwaukee, was in town last week, returning from the east, where he was called by the death of his father. While east he took occasion to visit some of the trade points of interest and says that the thing which impressed him most was the wonderful quality of the Liberty rose as compared with what most western growers get.

The firm of Benthey & Co. was succeeded by the Benthey-Coatsworth Co., incorporated, on March 1. There is no change whatever, save in name.

Joseph Klimmer will try a number of the carnation novelties this season, including 500 lots of Crusader, Flamingo, Lady Bountiful and White Lawson.

Wm. Murphy and Thomas Windram, of Cincinnati, who were in town last week, visited many of the large growers and had nothing but praise for the way the places looked, particularly the carnation houses.

The Bellevue Place Co., at Batavia, is sending the A. L. Randall Co. some very fine stock, including Bride and Bridesmaid roses and Prosperity carnations.

There is considerable unrest among the retailers, particularly on the south side. It is reported that both Mendonza and Spencer, on Forty-third street would engage in other business if they could find customers for their places.

Philip Shoup, a son-in-law of J. A. Budlong, is now in that grower's wholesale store and taking hold like an old hand.

The park gardeners who have been denied an increase in wages have voted to lay their case before the governor of the state.

There are great quantities of Lawson carnations in the market, but it is the most salable variety on the list.

Kennicotts are getting large quantities of fine La Reine tulips from Klehm's.

Nic Kruchten has had very good success ever since he started in business, growing carnations. He has enlarged his place every year and contemplates extensive changes and improvements this spring.

Fred Struvy is planning a trip to San Jose, Cal., his old home, in the early spring.

John Lambros expects to take a trip to West Baden after Easter.

The E. F. Winterson Co. is handling some fine wild smilax from a new shipper in Alabama. They report a good demand.

J. A. Valentine, of Denver, was in town Monday, en route to the Detroit convention.

The strike of the Western Union boys has had little effect in delaying orders. Messages have been telephoned and then the original delivered by mail.

The Convention Party.

The party for the carnation meeting at Detroit left Tuesday afternoon via the Wabash. In the special car were W. J. Smyth, P. J. Hauswirth and wife, W. N. Rudd, N. J. Wietor, Jas. Hartshorne and wife, John Degnan, J. D. Thompson, W. L. Palinsky, Peter Reinberg, L. Coatsworth, Adam Zender, E. L. Kirowsky, P. J. Foley, Leonard Kill, Jas. Jensen, Frank Friedley, E. W. Hunt, H. B. Howard; Swan Peterson, Gibson City, Ill.; T. L. Metcalfe, Hopkinsville, Ky.; J. A. Valentine, Denver; N. Zweifel and wife, Milwaukee, and Christian Lund, Wausau, Wis. Thanks to the forethought of Mr. Hauswirth, who was master of ceremonies, there were plenty of comforts on the car and it was a pleasant trip, though the train was nearly two hours late in getting into Detroit, where James Wilson and George Asmus were found awaiting their townsmen. Coming on later trains were C. L. Washburn, A. Lange and wife, Andrew Benson, Chas. Samuelson, Alois P. Frey, Wm. Kroeschell, John Sinner and Jos. Singler. Mr. and Mrs. Hauswirth returned Wednesday evening to attend the funeral of Walter Kreitling.

PHILADELPHIA.

The Market.

Business has kept up fairly well, although there is some accumulation at times. Indications are that there will not be too many fancy Beauties for some time to come. The rose market in general is in good shape. Carnations are hardly selling as well. Bulbous stock, reinforced by southern daffodils, are not lively sellers, although a good many bring fair prices. Valley is very fine and plentiful. W. P. Stokes is sending Edward Reid some superb stock. Violets continue of high quality. Orchids can be had with reasonable certainty, especially cattleyas. Gardenias are coming in steadily, with good prospects of their lasting till after Easter. Sweet peas are plentiful. A fair supply of both lilacs and Easter lilies are coming in daily.

Gardenias.

A visitor to Sharon Hill this week would be fully satisfied that Robert Scott & Son had solved the problem of flowering gardenias in midwinter. This firm has been sending Samuel S. Pennock a steady supply of these exquisitely scented white flowers for a number of weeks and there is every indication that they will continue to do so for some time to come. The plants are chiefly of the variety G. Florida, flowered in large pots. Nearly every shoot is surmounted by a bud, borne on a good stem. The contrast between the glossy green foliage and pure white flowers, resembling a camelia, is very effective. One large batch is being timed for Easter. Mr. Scott is to be congratulated on having solved this knotty problem, which so long puzzled many of our cleverest growers.

Club Meeting.

The Florists' Club meeting on Tuesday night brought out a good attendance to hear A. Farenwald's paper on how to produce Liberty roses. The paper was an extremely valuable one, giving the writer's cultural methods clearly and concisely, and the essayist received a hearty vote of thanks from the club. The membership is steadily growing. Alfred Burton and William Didden were elected at the February meeting and E. Weiss at this meeting.

Notes.

Robert Craig & Son made an assignment for the benefit of their creditors last Monday. John Burton has been appointed receiver.

Edwin Lonsdale's water tank fell last

The Late Walter Kreitling.

Tuesday morning, injuring a portion of one greenhouse and smashing some sash. The tank was a total wreck.

B. Eschner, of M. Rice & Co., was called home by the death of his sister.

Mrs. Edgar, of 2307 Ridge avenue, has the sympathy of her friends in the loss of her daughter last week.

Miss McKinley, of Randolph & McClements, Pittsburg, was a visitor in this city recently.

William J. Muth is now with C. A. Dunn & Co.

R. G. Palmer, of Doylestown, is now cutting many of his Maids and Brides. He is also very successful with that old time favorite Perle de Jardin.

Robert Scott & Son have a very fine house of Liberties. They were cut back after New Year's and give promise of a heavy crop before long.

John Holt, of North Wales, is sending some nice snap dragon to the Flower Market.

The J. Wolff-Moore Co., of 1407 Columbia avenue, has had an excellent season. They have earned an enviable reputation for their table decorations.

Berger Brothers are much pleased with their first month's experience in the commission business.

Robert Craig has been confined to the house by illness. His many friends hope for his speedy recovery. PHIL.

NEW YORK.

The Market.

The week opened with supplies enormous and the demand almost imperceptible. Contrary to general expectations Lent has again demonstrated its malign influence upon the cut flower market. The retailers are especially pessimistic and the wholesalers are lamenting the impossibility of closing out their surplus at any figure. Especially is this true of violets, thousands of them remaining unsold. The weather has been so unpropitious that even the street merchants, the great dumping vortex for over-supply, are unable to expose their purchases and even at the low rates at which they purchase they cannot dispose of them. Many thousands of violets have been sold at $10 a thousand and many a box remained under the benches unopened on Monday evening. A sleet storm added to the general gloom.

Even the top price for specials dropped to 40 cents per 100 and few commanded even this low figure. American Beauty specials were down to 30 cents on Monday and the finest Maids went at $10 a hundred. Carnations too have depreciated almost 50 per cent and the bulbous stock is simply a ponderous drug, with no stable value.

There seems little hope of a change for the better before the end of March. Easter is already in the air. Retail windows are a mass of color and buyers are already placing their orders with the plantsmen, and a general expectation of fine weather and a good demand is expressed by all.

Notes.

The contemplated flower exhibition in Macy building is not likely to materialize. The growers in the immediate vicinity of New York decided they had no surplus for any extra display, while the demand for space from out-of-town growers did not manifest itself as was expected.

William P. Ford, of Ford Bros., West Thirtieth street, has been ill with the grippe during the past week and is not yet able to give his attention to business.

Robert, son of J. J. Perkins, is again very ill with pleura pneumonia and little hope is entertained for his recovery.

New York will be well represented at the Detroit convention. In addition to the company traveling together by the West Shore, President Traendly and J. J. Nugent left Tuesday at 4 o'clock, by the New York Central. Mr. Traendly will present the claims of the club's Rose night, March 14, while away, and announces that already many of the prominent rose growers of the country have announced their intention of exhibiting. Amongst them, Peter Reinberg of Chicago, M. Walsh, Mr. Farenwald, Ernst Asmus & Sons, John N. May, Robert Simpson, Henry Hentz, Jr., John H. Taylor and John Breitmeyer's Sons. This will not be ladies' night, but an attendance of over 200 will be anticipated and welcomed.

The outing committee met at the office of Traendly & Schenck and per-

fected arrangements for the annual festivity of the club in July. A handsome program will be issued and a splendid lot of prizes offered.

The sunny south seems the attractive mecca for those who desire pleasure or recuperation from illness. John N. May, Julius Roehrs and Fred Smythe are among the latest departures.

Amongst western visitors last week were: W. A. Kennedy, of Milwaukee, Wis., and J. S. Wilson of Western Springs, Ill.; while Robert Craig and John Burton were here from the city of rest and A. N. Pierson from Cromwell, Conn.

Among the sick are Henry Beaulieu of Woodhaven and Eugene Dailledouze of Flatbush. The unseasonable, changeable, severe weather is the cause of almost universal sickness in the trade; grippe claiming dozens of employers and employees of the wholesale cut flower section amongst its victims.

W. Elliott & Sons received last week eleven cases of conifers, rhododendrons, roses, clematis, etc., from Holland, which they will offer at auction. Sales this year begin next Tuesday, March 8, and will continue every Tuesday and Friday during the remainder of the season.

Bowling.

The Bowling club grows in members and enthusiasm. Many of the members are ill, but a fair attendance can now always be depended upon. Announcement of another prize night, to which special invitation will be given to all florists' clubs in or near the city, will soon be made. The scores made on Monday evening show encouraging improvements, as the appended list will show. A good team may be depended upon to represent New York at the great tournament in St. Louis.

Elliott	91	96	136	139	...
Traendly	170	145	209	148	...
O'Mara	153	187	176	187	153
Siebrecht	153	183	158	155	133
Nugent	110	119	89	84	86
Gibbs	129	167	102	134	157
Frank	154	142	165	161	155
Haffner	145	156	159	138	138
Roehrs	111	137	128	136	121
Shaw	120	124	126	127	139

J. Austin Shaw.

ROSES.

Seasonable Hints.

Young stock from now on should receive a deal of careful attention, as, if overlooked or neglected during the time the plants are in pots, the damage done can scarcely be repaired. To keep young stock in a growing condition they must never be neglected in regard to watering, especially during bright weather, as the tender roots are easily scorched and dried up. A good syringing twice a day serves the double purpose of refreshing the foliage and keeping them free from red spider, which, if they once get a foothold among young stock, are very hard to get rid of by reason of the leaves lying so close to the pot, where the spray cannot reach the spider. Care must be taken to have the syringing done early enough to give them ample time to dry before sundown.

Sprinkling the paths of the stockhouse frequently helps to keep a sufficiency of moisture in the atmosphere during bright weather and keeps the foliage from suffering. During dull weather the young stock should be kept rather on the dry side in order to keep the foliage and young growths from becoming too soft and tender. Plenty of room on the bench, so that the air can circulate freely among the leaves, is absolutely necessary to secure health, and a frequent shifting around on the bench so that the plants may not always present the same side to the sun greatly helps in forming hardy, stocky and well-balanced plants.

This lifting and shifting around is also beneficial in preventing the formation of top roots, which, when left undisturbed, dig their way through the pots and frequently come in contact with very undesirable food. Neglected in this particular, they are greatly injured and receive a severe check when these roots are exposed or torn off, when they require repotting.

Ample ventilation, by keeping the leaves hardy and of a firm texture, is the best preventive of mildew, but as a safeguard a dusting of sulphur once a week should be applied, as during the next month we are liable to have sudden and extreme fluctuations of temperature, which even with the best of care will also disturb the inside conditions and seriously affect the tender foliage. Ribes.

WHITE FLY AGAIN.

My Kaiserin rose leaves seem to shrivel, or rather, curl up. Is this the result of a disease or some insect? They were planted the first part of January in chrysanthemum soil and have been kept at 54 to 56 degrees nights. They are well budded and will be able to cut roses in about a week. W. A. S.

This is the work of the small white fly, a pest which has been giving a deal of trouble in some localities lately. Being especially fond of chrysanthemums, they had no doubt been in the last crop and when these were thrown out and roses planted in the same soil they turned their attention to these as being the most available food at hand, as they are in no wise particular about the kind of food plant they infest.

As yet there is no sure way of exterminating these pests, but I have used the following mixture with some success: Two pounds powdered lime, two ounces sulphate of copper, two ounces paris green and two ounces sulphur, well mixed and applied with the powder blower every second day.

J. Thorniley, in the Review of February 18, recommends syringing with water at a temperature of 120 degrees, first reducing the temperature of the house below 50 degrees. He seems to have been successful by this method.

Ribes.

UNESTABLISHED ROSES.

I want someone to tell me through the Review what is the matter with my roses. They are two-year-old plants, taken up and put in beds for cuttings. They start up, put out nice shoots and then begin to shrivel and die. Over half in one bench have done this way.

J. P. C.

These roses behave as if they were being subjected to a high temperature before root action has commenced. Stock from which propagating wood should be selected should be established and in full vigor, and it is rarely possible to secure such by replanting old stock, unless this has been affected during the proper planting season, July or August, when no artificial heat is required to start root action. I am afraid there is little hope of deriving any profit from such stock.

Ribes.

HEAT FOR ROSES.

Do you recommend hot pipes under the rose benches, with 4-inch tile and soil on top? Or would it be better to have the pipes on the side walls of the rose houses? I have some rose benches with board bottoms, with heat under them. The roses are not of the best. Could that be the cause? J. R. E.

There is no great objection to having the pipes under the benches, many growers producing good crops under such circumstances, provided the pipes are sufficiently removed from the bottom of the bench and the bench of such a form that there is no danger of the heat being conserved there, such as having the side boards dropping below the bottom, etc.

The main object to be attained is an even distribution of the heat through the whole house, so that the soil in the bench will be so heated and not by undue proximity to the piping. The old ideas of sub-irrigation and bottom heat for rose benches being subversive of natural laws, and not having had the desired effect, have been practically abandoned. The nearer we copy nature in her most favorable moods, so much better are our chances of success.

Roses under natural conditions receive their supply of water from above and dry out from the surface, and never begin to dry at the roots first, so that when we can we ought to keep the pipes from being so close to the roots that the heat will first take effect there. Most modern structures have the heat supply so arranged that the soil is simply warmed by the temperature of the house, and this is effected by running the supply pipes under the gutters, returning along the paths and walls, and seems to distribute the heat in a satisfactory manner. Ribes.

CARNATIONS.

Carnations at Fifty Degrees.

What varieties of carnations can be grown to advantage in a house half of which is devoted to chrysanthemums and is run at 50 degrees night temperature? We have been growing Daybreak and White Cloud. Of the first we have a fine stock and cut a good flower, if not quite up to newer kinds in size. But we have never had the best of satisfaction from White Cloud, either this year or when we grew it warmer. How about Estelle, and what good commercial varieties can we try at that temperature?

J. & C.

There are a good many varieties to choose from that will do fine in a temperature of 50 degrees, providing the rest of the culture is up to a fair standard. I will advise you to get some Enchantress to plant in place of Daybreak; it is four times as large and likes just about the same treatment. Estelle might be a good one for you, but I would advise you to try a limited quantity first. A few large growers claim that it is their best paying scarlet, but with the rank and file it has not been so successful as Crane. I would also advise you to try a few Adonis. If it succeeds with you you will want no Estelle, nor

any other scarlet, I think. In white I would try Lorna, Her Majesty, Boston Market and Glacier. Any of these may be just what you want. In pink try Mrs. Nelson and Floriana. The Marquis likes about 50 degrees, and if it does not come in too late to suit you it may be a good one for you. By all means try a few of some of the new ones. There are great improvements in all the colors this year over the standard varieties, but you will have to find out for yourself which ones will do best for you.

A. F. J. BAUR.

PESTS ON PHOENIX.

Please tell me what the pest is on my phoenix? Will the fungus transfer itself to other plants of the same or other species? What will become of plants so infected? The remedy of Bordeaux mixture will not be applicable, as customers would not like a plant so dipped.

F. J.

Several sections of phoenix leaves accompanied this query, and gave very plain evidence of some of the troubles with which this grower has to contend. There are a number of colonies of the phoenix fungus (Peronospora) on some of the segments of leaf, a difficulty that prevails to a greater or less extent wherever these palms are grown and, as we have before remarked, is a trouble that is not easily removed, from the fact that the fungus does most of its work within the tissues of the leaf.

But the fungus is not the most serious trouble that appears on these specimens, there being a worse one in the form of a tremendous crop of small brown scale insects, this being a scale that multiplies very rapidly and soon works much injury to palms. If all of the plants are so badly affected as the specimen leaves at hand, it would seem the part of wisdom to destroy them, for it is no easy job to clean a phoenix that has so large a crop of insects.

But if this radical course seems to be inadvisable, several dippings at intervals of one week, in a solution of whale oil soap and tobacco extract will probably overcome the scale, but after dipping the plants always lay them on their sides to drain off, else the insecticide may settle in the crowns of the plants and do injury to the undeveloped leaves. Two ounces of whale oil soap and about one-eighth of a pint of Rose Leaf Extract to one gallon of water makes a strong enough solution for dipping palms safely. W. H. TAPLIN.

TRADE DEALS.

The question of "trade deals" between publishers and advertisers might at first blush appear to be the business of no other than the two parties to the contract. If Publisher Jones wishes to swap Manufacturer Smith a page of space for a peck measure full of jack knives, and Mr. Smith agrees there would be no reason to object. But Mr. Jones claims to serve all comers alike. His is a strictly one-price institution, and when he takes jack knives or pumpkins or watered stock from Smith and demands cold, hard cash from Smith's competitor, the competitor naturally feels that he is not getting a fair deal.

And he's not.

There seems to us small room for discussion.—Agricultural Advertising.

ST. LOUIS.

The Market.

Trade the past week was first-class, and from the reports of the different florists throughout the city Lent has hardly been felt. It is true that there are no large weddings or receptions, yet a few dinners and luncheons, with plenty of funeral work, kept most of us very busy last week, and everybody seems well pleased with the business during the first week in Lent. Wholesale men also report a good shipping trade, which helped to clean up some of the surplus stock.

The weather is most beautiful and the indications are that by the end of the present week there will be a big glut in carnations, violets and bulbous stock. Roses have not been any too plentiful, but of an improved quality. At this writing they are in heavier supply, especially Bride, Maid, Meteor and Perle. American Beauties are still scarce, with a brisk demand. Those that come in are off color and poor in quality and are shipped in from the outside. Meteor and Bridesmaid are of good color. Some good Liberty are also seen, but with short stems. Carnations are coming in heavily and of very fine color. Those from Henry Baer, of Peoria, Ill., and Mr. Doswell, of Fort Wayne, Ind., are very fine, with our Kirkwood and Clayton growers not far behind. Good blooms of Nelson, Lawson, Enchantress, Estelle and Wolcott are offered at $4 and $5 per 100 for fancy and others ran from $2 to $3.

Almost every variety of bulbous stock is slow, and especially so with valley and Romans. Dutch hyacinths of the lighter shades are in fair demand. Daffodils are not overplentiful, as they usually are at this time. Harrisii are also limited. Callas are more plentiful. Tulips sell very slowly, prices on this stock being somewhat cheaper than last reported. Violets are a glut, still a great many are sold in 5,000 lots very cheap; single 1,000 lots run $3.50, quality of the best. Smilax is somewhat scarce at 15 cents. Asparagus plumosus in fair demand. Adiantum is fine at $1.25.

Various Notes.

Easter lilies are reported by some of our growers as coming on in fine shape; they say there is less disease this year. Some of the smaller growers are a little behind, but a good bottom heat will bring them to the front in time.

From present prospects quite a few new greenhouses will be added this summer among our carnation growers around Kirkwood and Clayton. They all have had a good season, big crops and big prices.

James S. Wilson, of Western Springs, Ill., was with us from Saturday to Monday, leaving here for Detroit to attend the carnation meeting.

Dr. A. S. Halstedt, of Belleville, is at Detroit to attend the carnation meeting.

Prof. Wm. Trelease, of the Missouri Botanic Gardens, will leave this week on a business trip, accompanied by his son. They will be gone a month or six weeks.

Mr. Brown, the English gardener, has rented part of Alex Johnson's greenhouse at Wellston, where R. J. Mohr is in charge.

H. Riemann has left the employ of the Michel Plant and Bulb Co. He is now employed by Mr. Brown at the English building on the World's Fair grounds.

George M. Kellogg, of Pleasant Hill, Mo., was a visitor last week. He will return the latter part of this week and attend the executive board meeting on Saturday.

John Connon, of Webster Groves, is confined to the house with a sprained knee cap, the result of an accident while coasting with a party of ladies near his home.

Will Smith has left the employ of F. M. Ellis and is now in the pottery supply business.

P. G. Gerhart, one of the first park commissioners in early St. Louis, died last week at the age of 75.

George Ostertag is now in the employ of the city, having been appointed park overseer. A better selection could not have been made and George will see that things are kept right. David Banzhof has left Forest Park.

Ed. Glenzing, of Kirkwood, lost all three of his houses by fire the past week. The loss of the plants was due to freezing and smoke.

F. Lautermilch, of Kirkwood, has a few fine seedlings in carnations. A particularly good one is a cross between Jubilee and Old McGowan, color a shade lighter than Lawson; it is also a great producer. He also has a fine white, both being good keepers.

Everything is in readiness to receive the executive board on Saturday morning, and from that time on we will make them feel at home. The banquet, which will be held on Saturday night at the Missouri Athletic Club, will be a hummer, and the trolley ride on Sunday a pleasant affair. All arrangements are complete, which will be explained to the club members at the meeting of the club this week Thursday.

Carew Sanders, who was operated on last week, is doing nicely, and, from reports, will soon be up and around again among his friends.

Team No. 2 won all four games Monday night from Team No. 1, by the following score:

Team No. 1.	1	2	3	4	Total.
Beneke	155	199	162	135	651
Beyer	142	193	194	164	693
Meinhardt	109	133	124	140	506
Young	176	144	147	117	614
	582	669	627	556	2464
Team No. 2.	1	2	3	4	Total.
Kuehn	170	180	159	197	706
Ellison	150	175	194	171	690
Ellis	155	201	133	163	652
Weber	126	123	144	167	560
	601	679	630	698	2608

J. J. B.

PITTSBURG.

The Market.

The tone of the market since my last notes has changed materially. The Lenten season is now being felt by everyone and the market in general is very irregular. Weather conditions also affected values. Prices have fallen considerably and one can buy roses and carnations in quantities at one's own figure. All bulbous stock is a drug. The carnation supply is very heavy and lots of 1,000 are offered as low as $15 for fancy stock. Roses are meeting with better success; while the supply is very large, prices remain firmer, fancy stock still selling at $10 per 100. Beauties are scarce, the best bringing $5 per dozen. In greens a slight shortage exists.

Various Notes.

The funeral of a very prominent

clergyman demanded a quantity of flowers on Monday. One of the largest pieces, a chair, was made up by Mrs. E. A. Williams. A. W. Smith had an immense broken column and Wm. Loew two large panels of pink roses.

Ernest Fisher of Castle Shannon, is cutting some very fine carnations. He consigns his stock to G. & J. W. Ludwig.

From present indications the supply of lilies in this market will be sufficient to meet the Easter demand. The ones that are are now being sent in are of very good quality.

John Foss, Etna, Pa., reports his Easter stock in fine condition. John knows how to force hyacinths to perfection.

I. S. Crall, B. L. Elliott, John L. Wyland, Fred Burki and Edward Blind left for Detroit to attend the carnation convention.

At the Pittsburg Rose and Carnation Co.'s plant, the new house of Kaiserins planted for summer blooming is doing fine and the cut is daily increasing.

The Pittsburg Cut Flower Co. is shipping hardy cut ferns to Chicago and boxwood sprays to Canada.

Superintendent George W. Burke, of the bureau of parks, and Foreman John W. Jones, of the Phipps conservatories, are rushing the work of preparation for the annual Easter flower show at the conservatories. The bulbs are all being forced in good shape and the exhibition this year will be as fine as usual.

Visitors: J. W. Glen, Kittanning, Pa.; Arthur Langhaus, Wheeling, W. Va.; G. L. Husscroft, Steubenville, Ohio.

Hoo-Hoo.

NOTES ON VARIETIES.

The following notes on commercial varieties will be found of interest at this time, when planting plans are being prepared for next season.

Adam Laub & Son, Hughonsville, N. Y.

White Cloud is doing fine with us and always did. It must be that the soil has a great deal to do with it. Our soil is a sandy loam. Night temperature is from 50 to 53 degrees. G. H. Crane is a little slower than in former years, but shows up good this past seven weeks, with a temperature of 53 degrees. Lawson has been exceptionally fine all winter with a temperature of 55 degrees. Enchantress is all that was claimed for it. It is a good bloomer, has a fine stem and still better, a good commercial variety. Temperature 50 to 52 degrees. Queen Louise has done good according to the size of plants last fall. Temperature 53 degrees. Her Majesty has thrown some fine flowers, but wants to be grown cool to obtain best results. We grew this in a temperature of from 46 to 48 degrees. Next year we will try Flamingo, Mrs. W. A. Patten, Nelson Fisher, Gov. Wolcott and Louise Naumann.

TORONTO.

Trade during the last week was considerably better than the week previous and Saturday made a good finish, and a great quantity of cheap stock was cleaned up. Of course we note that the price was pretty low on some stock, especially bulb stock, tulips and daffodils retailing at 10 cents per dozen and carnations at 15 cents. Of course the best stock brought better prices but this oversupply of cheap stock helped to hold down the prices considerably.

At time of writing, the fiercest storm of the season is passing over Toronto and the general prospects are that it will demoralize the trade for a few days at least.

Mr. T. H. Milligan, who took over the greenhouses in connection with the Mimico Industrial School last fall, has opened up a store on Queen St., West, and reports business very satisfactory for a beginning.

We had a call during the week from Mr. R. H. Wright of Ottawa, who came through, doing a little pastoral visiting. He reports business very good during the winter, and as the opening of parliament takes place in a very short time, he expects that will boom the florists' trade in Ottawa and will put a "Garrison" finish on a good season's business. D. J.

ROCHESTER, N. Y.

We are in need of sunshine, as we have scarcely been able to take a look at the sun this winter. It has made cut flowers of every description very scarce. The ruling price for carnations has stayed at $2.50 to $3 per 100 for common stock, some of the poorer grades bringing $2, with fancies from $4 to $6. Most of the carnation growers are getting excited over the stiff prices, as I scarcely know of one who does not intend to increase his glass this summer. Some of them will almost double their places and a good many of the market gardeners are going to plant carnations instead of lettuce next season. The scarcity has been felt most by the small retail men, as they had to refuse orders because they could not obtain flowers without buying them at the retail price. One of the retail men remarked to me the other day that if things did not change he would have to go out of business.

H. E. Wilson is doing a fine business, as it is on the increase every day. They have been working almost night and day at funeral work and are bringing up a nice lot of cut flowers from their greenhouses.

Miss Callaster has sold out her carnation plant to a man who expects to erect another house this coming season.

H. M.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held on February 23 and was very largely attended. The monthly prize, given this month by F. Gibson, was won by H. T. Kastberry, gardener to the Misses Masters, Dobbs Ferry, for the best bunch of fifty violets. Other competitors were President Ballantyne, Vice-President Jos. Bradley, I. Bryan and others. Mr. Bryan exhibited a very fine bunch of Princess of Wales, each flower measuring two inches in diameter. A splendid vase of the new Daheim carnation, shown by the F. R. Pierson Co., attracted a great deal of attention, with its massive and heavy flowers of the deepest and most beautiful shade of crimson scarlet, measuring over three inches across. Mr. Pierson tells us that one good feature about it is that it never bursts the calyx. A. Brown and Fred Koenig, of Tarrytown, were elected active members.

Francis Pammer, of Tarrytown, one of our most prominent landscape gardeners, gave a very instructive illustrated lecture on his travels through Europe last summer. Coffee and sandwiches were served and the entertainment of the evening commenced with songs and recitations by Messrs. Scott, Lee, McFarlane, Malony and others, accompanied on the piano by Mr. Walquist. This was the first entertainment given after the regular meeting and every member seemed to enjoy himself and everyone agreed that it will be a very good way to get a better attendance and bring the members closer together. Each will try to do his best at the next sociable evening, which is in May. T. A. L.

LONDON, ONT.

In the first week in January I took a trip to London, Ontario. It was three days after the very disastrous fire in which the chief of the London fire brigade lost his life. I called at the chief's house and found a large number of beautiful floral pieces made up by the London craft, also a number of fine tributes sent from Toronto, Berlin and other places.

The first greenhouse establishment visited was that of the old and well established firm of J. Gammage & Sons. As on many former occasions, I found the roses, carnations, palms, the large line of potted plants and bedding stock in fine condition. Owing to the big demand for Christmas and New Year's festivities, as also to the very dark weather in December, blooms in the rose houses were very scarce. The carnation houses made a very good showing of bloom, notwithstanding the very heavy cut. Two styles of houses, radically different in their construction, are used in growing carnations. One the old, wide style of houses, with elevated wooden benches, the others very narrow houses, not more than ten feet wide and not over three feet high at the gutter line. A path runs through the center of each house, and on either side of this is a solid bed. There are no tile used in the bottom of these beds, the soil for growing the carnations resting on a natural cushion of sand. Here is an object lesson for those of us who are undecided as to whether carnations will thrive best in solid beds or on raised benches. From what I saw here, from what I have seen at other places and from the little experience gained at my own plant, I am convinced that solid beds are best for those houses and those plants that we desire to cut a heavy crop from in the spring and summer, and raised benches, including brick and tile benches, for plants and houses from which we desire to do our heavy cutting in the fall and winter. Lawson, Glacier, Hill, White Cloud, Crane, Roosevelt, Golden Beauty and many others were in fine condition, but in my opinion Enchantress is empress of them all. Why I entertain this high opinion of Enchantress, I will communicate at some future date.

The next place I visited was that of F. Dicks. This gentleman is a carnation specialist. The houses are not of the most modern construction, but they are well built, well kept and form a compact block of greenhouses and, like those on the Gammage place, are heated by steam. What was said about Lawson, Glacier, Roosevelt, etc., holds good here also. In addition to these a number of houses of Cerise Queen and Queen Louise and extra heavy crops of buds impressed me most favorably. Very little else in the plant line excepting carnations is to be seen on this place, but the neat and cleanly appearance of the houses, the healthy and thrifty condition of the plants testify to the fact that Mr. Dicks is a most expert grower. H. L. Janzen.

Dreer's Reliable Flower Seeds

Do not delay ordering your requirements in seeds. We can fill your order more promptly now than we can when the Spring rush comes and stocks are liable to run out in March and April.
We offer below but a few articles of special value to florists.

Asparagus Plumosus Nanus (true).....$1.00 per 100 seeds; $7.50 per 1000
" **Sprengeri**..... 15c " 1.00 "

ASTERS. We take special pains to secure the very choicest Asters. We recommend Queen of the Market for early flowering, Comet, Peony Perfection and Victoria for mid-season, and our Late Branching for late. We also recommend the other American grown varieties.

QUEEN OF THE MARKET.

White.....	20c trade pkt.;	60c oz.	Purple.....	20c trade pkt.;	60c oz.
Lavender.....	20c "	60c oz.	Crimson.....	20c "	60c oz.
Pink.....	20c "	60c oz.	Finest mixed.	15c "	50c oz.

COMET.

Carmine.....	30c trade pkt.;	$1.50 oz.	Dark blue.....	30c trade pkt.;	$1.50 oz.
White.....	30c "	1.50 oz.	Light blue....	30c "	1 50 oz.
Deep rose.....	30c "	1 50 oz.	Pink.....	30c "	1 50 oz.

Finest mixed, 30c per trade pkt.; $1.25 per oz.

PEONY PERFECTION.

Crimson.....	30c trade pkt.;	$1 50 oz.	Purple.....	30c trade pkt.;	$1.50 oz.
Light blue....	30c "	1.50 oz.	Bright pink...	30c "	1 50 oz.
Brilliant rose	30c "	1 50 oz.	White.....	30c "	1 50 oz.

Finest mixed, 30c per trade pkt.; $1.25 per oz.

AMERICAN GROWN ASTERS.

Dreer's Superb Late Branching (Improved Semple's).

Pure white....	25c trade pkt.;	$1.00 oz.	Purple.....	25c trade pkt.;	$1.00 oz.
Shell pink....	25c "	1.00 oz.	Lavender.....	25c "	1 00 oz.
Rose pink....	25c "	1.00 oz	Crimson.....	25c "	1.00 oz.

Finest mixed, 25c per trade pkt.; 75c per oz.

Daybreak—Soft Daybreak pink..... ...40c per trade pkt; $2.50 per oz.
Purity—A white Daybreak fine.....50c per trade pkt.
Lavender Gem—Exquisite shade.....50c " "
Snowdrift—An early white Comet .....50c " "

PETUNIAS Our strain of **Single and Double Fringed Petunias is acknowledged to be without an equal.**

Superb Double Fringed .....75c per 500 seeds; $1.50 per 1000 seeds.
Superb Single Fringed..... .....50c per trade pkt.

Salvia Splendens (Scarlet Sage)	.....25c per trade pkt.;	$1.00 per oz.	**Verbena Mammoth, Scarlet**	.....30c per trade pkt.;	$1 50 per oz
" " **Bonfire**	.....40c " "	2 25 "	" " **Striped**	.....30c " "	1 50 "
Verbena Mammoth, Pink	.....30c " "	1.50 "	" " **White**	.....30c " "	1.50 "
" " **Purple**	.....30c " "	1.50 "	" " **Finest Mixed**	....25c " "	1.00 "

Dreer's Superb Late Branching Aster.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Vegetable Forcing.

THE MARKETS.

CHICAGO, March 1.—Lettuce, 25c case; $1 to $3.50 bbl. heads. Radishes, 20 to 45c dozen bunches. Cucumbers, 50c to $1.50 dozen.

NEW YORK, March 1.—Asparagus, $2 to $6 dozen bunches; cucumbers, 37c to $1.37 dozen; lettuce, 10 to 60c dozen; mushrooms, 10 to 35c lb.; radishes, $1.50 to $2.50 100 bunches; rhubarb, 30 to 65c dozen; tomatoes, 10 to 20c lb.; mint, 25 to 75c dozen bunches; beets, $4 to $5 100 bunches.

APHIDES ON LETTUCE.

Gardeners of the old school had a theory that insects would not attack a healthy plant; that it was only when a plant was in poor health that they made their appearance. This may be true with a plant grown under natural conditions, but grown under artificial conditions, as lettuce in a greenhouse, no matter how healthy a plant may be, it is not immune from attack, though a healthy plant is less liable to serious injury than one in a more or less sickly condition.

Aphides are most apt to put in their appearance when hard firing is necessary to keep up the heat during excessive cold spells, and it is well to be prepared with some preventive. We find that the smell of tobacco through the house will prevent the insects from getting a foothold about as well as anything we have tried. The cheapest and easiest means of using this is to have stems distributed through the house and have them renewed occasionally when the strength is exhausted. We have seen them spread on top of the hot water pipes, but this is rather an untidy way; besides they dry out so quickly that the strength is soon exhausted. It is better to tie them up in bundles, so that they will not get scattered around, and suspend the bundles under the benches, not too close to the hot water pipes, moistening them occasionally should they become dry, but the water that drains through the benches is usually sufficient to keep them moist enough. If kept too wet they will get musty and rot. This bundle system is much cleaner, as they can be easily changed without making any dust or dirt.

Green aphides is the commonest enemy of lettuce, though the black variety will sometimes attack it, and the latter is far the harder to kill. If either of them should get a foothold tobacco smoke is as safe a remedy as any, but it is better to smoke lightly two or three nights in succession rather than apply it too heavily at one time.

W. S. CROYDON.

THE FREEZE-OUT AT GEORGETOWN, ONT.

ED. REVIEW:—The writer notes an account in your February number, page 668, of a freeze-out at Georgetown, Ont. If your correspondent had obtained correct information he would have been able to report that the leak in the boilers referred to was caused by firing the boilers while substantially empty of water and that it applied to the whole battery. I am able to certify the correctness of the above, having personally inspected the boilers a few hours after the accident occurred.

The writer believes a true report of such occurrences are valuable as a means of warning others against the dangers and damages liable to result from bad management or negligence of the water line, and he has no sympathy with those desiring to shield any entitled to blame by attributing accident to causes of a mysterious or miraculous nature.

BOILERMAKER.

TO RUN REGULARLY.

There is pulling power in every clean paper. We emphatically do not believe in intermittent advertising, but keep hitting the nail everlastingly on the head. Our contracts are made for twelve months, to run regularly. Anything less than that we do not believe in.—Montgomery Ward & Co.

A PROTEST.

I see in the REVIEW another rap at the growers who pickle stock for the holidays. I wish you would let up on that. If all the growers knew how to market their stock what would happen to those who are already onto their job? Cut it out. How do you suppose we are to get holdiday prices during the week before a holiday if the rest of them don't pickle and leave us a bare market to take our stuff? The pickler is all right. Let him alone. J. A. B.

WASHINGTON, D. C.—The Secretary of Agriculture wants an appropriation of $25,000 to remove and reconstruct the greenhouses now on the grounds to be occupied by the Department's new building.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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WANT ADVERTISEMENTS.

WANTED—Good man to grow vegetable plants in a place in Illinois where a large business is done; must know how to handle cold frames and hotbeds. Write at once, stating experience and wages wanted. Address No. **73**, care Florists' Review, Chicago.

WANTED—Steady, industrious, single man, with little knowledge in Orchid growing, $25 per month, board and lodging. Address A. P., 222 St. Marks Sq., West, Philadelphia, Pa.

WANTED—Greenhouses, in or near Chicago; will pay part cash, balance in suburban property; in replies state amount glass and other particulars. Enquire Combes, care of Flower Growers' Market, 60 Wabash Ave., Chicago.

SITUATION WANTED—By a competent grower, Carnations a specialty; also good grower of all kinds of cut flower and bedding stock, vegetables in and outside; private or commercial references. Address No. **66**, care Florists' Review, Chicago.

PARTNER WANTED—A florist who has lived in the West Indies, discovered there a method of utilizing a natural fibre of those islands. A material beautiful, indestructible by exposure and peculiarly adapted to cemetery purposes. A party is needed with from one to two thousand dollars to put the product on the market, where it cannot fail to be successful. Party must be willing to live part of year in Jamaica. References exchanged. Address Mr. Henry Still, Standard Feed Box Co., 700 E. Monument Street, Baltimore, Md.

SITUATION WANTED—As grower of cut flowers and pot plants, including Ferns and Palms; Chicago preferred. Address No. **64**, care Florists' Review, Chicago.

WANTED—A young man who has had a few years' experience in general greenhouse work; one who desires to advance; a good opening for the right party with good testimonials. Address No. **65**, care Florists' Review, Chicago.

WANTED—To lease, with option of buying, a place in Illinois or Missouri with from 3000 to 7000 sq. ft. of glass. Address Box 116, Waverly, Ill.

SITUATION WANTED—By florist, 24 years of age, can grow good roses, carnations, mums, and bedding plants, palms, ferns and orchids; successful propagator and rose grafter; German; with life experience; full charge is wanted; please state full particulars. Address E. Bahnke, 1601 Second Ave., Rock Island, Ill.

WANTED—Young man for general greenhouse work. Address Gift Floral Co., Richmond, Indiana.

SITUATION WANTED—By young man 24 years old, single and a willing worker, best of reference; 3 years in Cemetery greenhouses, where mostly bedding plants are grown; private place, where in and out door vegetables are grown, with yearly position. Wisconsin or Illinois preferred. Address No. **67**, care Florists' Review, Chicago.

WANTED—A good steady and industrious man for rose and carnation grower on small place where good flowers are wanted; state wages expected. Address Box 116, Lake Forest, Ill.

WANTED—All around florist, married man; sober, industrious and honest; steady job and good wages. Address M. M. Confrey, Grinnell, Iowa.

SITUATION WANTED—As foreman or manager of an up-to-date place; 25 years' experience in growing Palms, Ferns, Roses and general stock. Chicago or Suburb preferred. Address No. **68**, care Florists' Review, Chicago.

WANTED—Florist; sober, reliable man, able to take charge of retail place; 5 000 feet; steady place for right man; state wages expected with board and room. Address Murphysboro Greenhouses, Murphysboro, Ill.

SITUATION WANTED—By expert designer, decorator, and cut flower worker, a courteous salesman of good character and address; long years of experience; best of references as to ability and qualifications; middle States preferred. Address No. **69**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman or to take charge of section, by rose and carnation grower; 13 years' experience. Address No. **70**, care Florists' Review, Chicago.

WANTED—An A1 rose and carnation grower and propagator of hardy shrubs for catalogue business. Address No. **72**, care Florists' Review, Chicago.

WANTED—Hot water heater, new or second hand, in good order, one that is able to heat 9 000 feet. Address R. S. Hoxie, Mattapoisett, Mass.

SITUATION WANTED—By competent grower of general stock, in suburb of Chicago, age 25 years; several years' experience in Denmark, Germany, England and America. Address No. **71**, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. **60**, care Florists' Review, Chicago

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. **59**, care Florists' Review, Chicago.

FOR SALE—Oak Park greenhouses, lot 100x181, with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40,000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10,000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00. 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1 25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3 35; 12x16 single, $2.40; 10x12 and 8x10 single, $2.25 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1.60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

Lilies for Easter

J. F. Ammann, a leading grower for the St. Louis Market, told his Florists' Club the other day, as reported in the Review, that

"On a visit to Weber Bros., Chicago, we saw the finest house of Lilium Longiflorum any of us had ever seen. These men certainly know their business."

We handle all the cut from these greenhouses and these are the lilies on which we are now booking orders for Easter.

$15 per 100; **$125** per 1000; 500 at 1000 rate.

Place your order now and make sure of a supply of the BEST LILIES to be found in this or any other market.

All CUT FLOWERS in Season.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100

	Per 100	
Brides and Maids	$3.00 to	$8.00
Meteors and Gates	3.00 to	8.00
Liberty	6.00 to	15.00
Carnations	1.50 to	2.00
" large and fancy	3.00 to	4.00
Violets	.50 to	.75
Valley	2.00 to	3.00
Romans, Paper Whites	2.00 to	3.00
Tulips	2.00 to	5.00
Callas, per doz., $1.50 to $2.00		
Harrisii, per doz., 2.00		
Asparagus, per string, 25 to 50c.		
Asparagus Sprengeri	3.00 to	6.00
Ferns, per 1000, $3.50		.35
Galax, per 1000, $1.00		.15
Adiantum		1.00
Smilax, per doz., $2.00		
Leucothoe sprays		.75

Subject to change without notice.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Long Distance Telephones 1978 and 1977 Central. **Chicago, Ill.**

WEBER BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems, per 100	$6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100	
Bride	$5 00 to	$ 8 00
Ivory	5 00 to	8 00
Liberty	5 00 to	12 00
Golden Gate	5 00 to	8 00
Perle	5 00 to	8 00
Carnations, good		2 00
" fancy		3 00
" extra fancy		4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100	
CHATENAY, extra select	$10.00 to	$15.00
" medium	6.00 to	8.00
LIBERTY, extra select	10.00 to	15.00
" medium	6.00 to	8.00
SUNRISE, extra select	8.00 to	10.00
" medium	4.00 to	6.00
BRIDE	5.00 to	8.00
BRIDESMAID	5.00 to	8.00
GOLDEN GATE	5.00 to	8.00
PERLE	5.00 to	8.00
CARNATIONS	2.00 to	3.00
ROSES, OUR SELECTION		4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

WANTED—A young man for general greenhouse work; about 17 000 ft. of glass; no roses grown; state wages expected and experience; place in Pennsylvania. Address No. **61**, care Florists' Review, Chicago.

FOR SALE.

An exceptional opportunity; florist store catering to high-class trade; reason, have other business; established ten years. Address

P. H., 926 Fulton St., Brooklyn, N. Y.

WANTED.

By a thoroughly good all-round grower, position as foreman in a first-class establishment. American Beauties my specialty. Am now in charge of one of the largest places in the west but desire to make a change.

Address No. 125,
Care Florists' Review, Chicago.

SITUATION WANTED—In floral store by young lady of some experience, or in making up of floral work; comes recommended. Address F. X. L., care Michigan Cut Flower Exchange, Detroit, Mich.

FOR SALE. Modern house and stable, four acres of land, with greenhouses. Particulars of

WM. E. GLIDDEN, Boston Flower Market, Columbus Ave., BOSTON, MASS.

POSITION WANTED

By a reliable grower of roses, carnations and bedding stock; 17 years' growing for the wholesale and retail trade; capable of handling from 25 to 100,000 ft. of glass; gilt edge references; age 36; (single); **(strictly temperate)**. Address—

Florist, Creal Springs, Ill.

HEADQUARTERS FOR
EASTER PLANTS

Blooming Easter week and from now on if desired. I am noted for the past years and have a reputation and the trade all over the land to grow a large assortment and plenty of choice blooming plants of every description. I have an immense stock—seven large houses and five hotbeds are crammed to their full extent, and are in better shape and condition than before.

Azalea Indica—Three houses filled with this only choice American variety. I know exactly what my customers and the public in general want. I and my son Howard went to Europe last summer on account of the scarcity of Mme. Van der Cruyssen, and must say with great pleasure that we were successful in obtaining 2,000 of this beautiful variety. I offer you them now as the gem of my stock, only none of it has been picked out by fall sales (and have the residue left). I make it as a rule not to offer any in the fall outside of Xmas. Please note my prices of the 2 000 Mme. Van der Cruyssen: 6, 7 and 8 in. pots, all sizes, as round as an apple, covered with buds, 60c, 75c, $1.00; specimens $1.25 to $1 50 each. Other varieties of plants. We also have a large stock of Bernard Andre Alba, Niobe (double white), Empress of India, Prof. Wolters, Vervaeneana Dr. Moore, Soode Manhout Paul Weber, Sigismund Rucker, Illustre and about 12 more leading varieties, 6, 7 and 8-in. pots, 50c, 60c, 75c, 90c $1 00; specimens, $1.25 to $1.50 each. If pots are not wanted we take the fresh soil off, because Azaleas never make new roots during winter. This makes packing light and safe, which reduces the express charges considerably.

Lilium Harrisii and **Japan Multiflorum**—I have about 2 200 to offer, raised from H. F. Michell's special brand of bulbs; 6 inch pots, from 5 to 8 buds to a plant, 10c per bud; under 5 buds, 12c.

Cineraria Hybrida—I have a house full of 2,000 6 in. pots, all shades, from H. F. Michell's best strain $3 00 $4.00 and $5 00 per doz.

Daisies—White (Marguerites), 6 in. pots, $3.00 per doz.

Begonia—Pres. Carnot 6-in. pots, $3.00 per doz.; mixed varieties, 4-in. pots, $1 80 per doz.; Vernon in bloom, 4-in. pots, $1.50 per doz.

Cyclamen—4 in. pots in bloom $2.00 per doz.

Primula—Obconica, 4-in. pots, $1 80 per doz.

Spiraeas—Comoacta, Multiflora, Floribunda, 6-in. pots $3.00 to $4.00 per doz.; Gladstone (new), 6-in. pots $5.00 per doz.

Hyacinths—Only the choicest, my own importation, all shades, $10.00 per 100.

Hydrangea—Otaksa, 6 to 7-in. pots, from $4.00, $5.00 $6 00 $9.00 to $12.00 per doz.

Tulips—Tournesol, double red or yellow, best selling Tulips, 3 in a 4-in. pot $1 50 per doz.

Daffodils—Von Zion, best double-nosed, 3 in a 5¼-in. pot, $2 50 per doz.

Araucaria—Excelsa, 6-in. pots 5 to 6 tiers, 22, 23 to 26 ins. high, $1 00, $1 25 and $1 50 each; extra large specimens, 8-in. pots, 28 to 35 ins. high, 27 to 35 ins. wide perfect jewels, $3 00 to $3.50 each, worth easily $5.00 each.

Ficus Elastica—(Rubber plants), 6-in. pots, from 20 to 28 ins. high, $3 00, $4.00, $5 00 and $6.00 per doz.

Dracaena—Bruanti, 22 to 25 ins. high, good for decoration 35c to 50c each.

Moon Vines—Smith's Hybrid, best in the world $5.00 per 100, 2½-in. pots. To save express charges please state if pots are wanted.

All goods are shipped at purchaser's risk. Cash with all orders. Buyers coming to Philadelphia are respectfully invited to visit my place and inspect my stock before buying elsewhere. Take 13th or Germantown avenue car to Ontario street.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.
Mention The Review when you write.

NURSERY NEWS.

CHERRY trees are one of the scarce items from Maine to California.

R. M. KELLOGG, the noted strawberry raiser, of Three Rivers, Mich., died February 17 of Bright's disease.

THE leading nurseries are finding their landscape departments among their most profitable aids in securing business.

IT is worthy of note that many of the largest nurseries, where the visitor, be he customer or not, is most hospitably welcomed on week days, are not open to the public on the Sabbath.

POUGHKEEPSIE, N. Y.—The Sunnyside Nursery Co., authorized capital $5,000, has been incorporated by Frank B. Lown, John B. Grubb and Harry C. Barker to a general horticultural business.

THIS is a season when the western fruit tree growers will have their full share of the trade in nursery stock. The western farmer is fast becoming a tree planter; as yet it is fruit he wants, a little later he will indulge in ornamentals.

EVERGREENS may be planted in either spring or late summer, August and September. Frequent root-pruning in midsummer or early autumn makes for success after leaving the nursery. For shipping, good balls of earth should be secured and the roots protected by burlap.

THE collection of kalmias and rhododendrons has become a considerable industry in the mountains of North Carolina. Many carloads are shipped out each season. In some instances nurserymen have sent down men to gain control over desirable areas or to do their own collecting. The stock stands shipment well.

WANTED.
6 or 8 LAUREL TREES. STANDARD.
Please state size and price. Must be in A No. 1 condition. Address
Nanz & Neuner, Louisville, Ky.

Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

CALIFORNIA PRIVET

		Per 1000
200 000	2 years, 2 to 2½ feet, very bushy	$20.00
150,000	2 " 18 to 24 ins., " "	16 00
100 000	2 " 12 to 18 " " "	10.00
200 000	1 year 12 to 18 " branched	9.00
200 000	1 " 10 to 12 " "	7 00
100 000	Cuttings, 8 ins., strong	.80
100,000	" 8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barr's; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.
J. H. O'HAGAN, Little Silver, N. J.
Mention The Review when you write.

Peterson Nursery,
170 La Salle St., CHICAGO.
PEONIES
And HARDY ORNAMENTAL STOCK.
Write for illustrated price list.
Mention The Review when you write.

4,000,000 Peach Trees
JUNE BUDS A SPECIALTY.
No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from diseases and true to name. Write us for catalogue and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest Peach Nursery in the world Address—
J. C. HALE, -- WINCHESTER, TENN.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

1840 — 1904
Old Colony Nurseries
Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18 24 inch, $5 per 100.
Elaegnus Hortensis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa 3-4 feet, $5 per 100
TRADE LIST READY.
T. R. WATSON, Plymouth, Mass.
Mention the Review when you write.

The Evergreen Specialist
OF DUNDEE, ILLINOIS,
intends to keep at the head for hardy nursery-grown Evergreens for the nursery trade. It's to your advantage to get my prices and place your orders whilst varieties and sizes are complete. Address
D. HILL, - - Dundee, Ill.

"Strawberry Plants That Grow." Standard sorts, $1.75 to $3 00 per 1000. Also best Raspberry, Blackberry, Currant and Grape Plants. Descriptive Catalogue with Cultural Instructions FREE. R. F. D. No. 10.
C. E. WHITTEN, Bridgman, Mich.
Mention Review when you write.

Surplus Shrubs CHEAP!
Also other trees and plants in assortment. Send for Wholesale List.
SHREWSBURY NURSERIES, Eatontown, N. J.
Mention The Review when you write.

FLORISTS, NURSERYMEN, AND SEEDSMEN
who read the *new* American Gardening, learn what is doing in the Public Parks and Private Places throughout the country. A large space is devoted each week to news items covering these two features.
AS AN ADVERTISING MEDIUM AMERICAN GARDENING BRINGS RESULTS.
It reaches those who spend the money; wealthy amateurs, private gardeners, and park superintendents.
Under New Management. Improved and Up-to-date.
Published weekly. $1.50 Per Year. Sample copies free.
American Gardening Co. (Inc.), 136 Liberty St., New York.
Mention The Review when you write.

White Lilac $1.25 per doz.

We are headquarters, the only source of supply, for this popular specialty in this market.
We can meet all requirements but advise a day's notice where possible, for the day's receipts don't always hold out until night.

EASTER LILIES, $14 per 100 $125 per 1000

We are getting pretty well booked up on orders for Easter delivery.
The reputation of handling, year after year, the best Lilies on the market makes it easy selling on this item.
Better write us to-day if you want the best.

A. L. RANDALL CO.

19-21 Randolph St., CHICAGO.

BEAUTIES.

All lengths of stem, $4.00 per doz., and down, according to grade.

ROSES.

We can supply assorted lots at reasonable prices or special selection where choice stock is wanted. Our best grade can't be beaten anywhere.

CARNATIONS.

Our Selection, 1000 lots		$15 00
Good stock, all colors	per 100,	2 00
Fancies	"	3 00

VALLEY.

$3 00 per 100. You will have to be very hard to please if you find fault with this stock or the price.

BULB STOCK.

Tulips	per 100,	$3 00 to $4 00
Daffodils	"	3 00 to 4 00
Romans, Paper Whites.	"	2 00 to 3 00

Still selling Ferns at $3 per 1000

Fostite.

To prevent and check

CARNATION RUST and MILDEW

On Roses, Plants and Vegetables.

5 lbs., 60c.....25 lbs., $2.50

C. H. JOOSTEN,

201 West St., NEW YORK.

Mention The Review when you write.

ROSES Get your order in now for Roses and we will ship when wanted. We grow over 100,000 annually for the trade of the following varieties:

NO.	VARIETY.	R. C.	2x2½ In.	2½x3 In.	3x3 In.
1	Meteors	$1 50	$2 50	$3 50	$5 00
2	Brides	1 50	2 50	3 50	5 00
3	Maids	1 50	2 50	3 50	5 00
4	Ivory	1 50	2 50	3 50	5 00
5	Golden Gate	1 50	2 50	3 50	5 00
6	Perles	2 00	3 00	4 00	6 00
7	LaFrance	2 00	3 00	4 00	6 00
8	A. V. Kaiserin	2 00	3 00	4 00	6 00
9	Wootton	2 00	3 00	4 00	6 00
10	Bell Siebrect	2 00	3 00	4 00	6 00
11	President Carnot	2 00	3 00	4 00	6 00
12	Am. Beauties	3 00	6 00	8 00	10 00
13	Liberty	5 00	8 00	10 00	.....

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

GERANIUMS

	Per 100
10 varieties, fine, 2½ inch pots	$3 00
Coleus—10 varieties, 2-inch pots	2.00
Vinca Var. Vines—2-in. pots	2.50
Alternantheras—Red and yellow, April 1.	2.00
Asparagus Plumosus Nanus Seed—1000, $7.00	1.00

Cash please.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention the Review when you write.

THE NEW ASTER OLMSTEAD'S WHITE COMMERCIAL

Grow 10,000 and every one will be as white as snow. It is my specialty. I have grown no other color for the last ten years. Send your address for prices and circular, and read what the bankers and merchants of this place, and commercial growers elsewhere say. Notice the offer to return your money if not satisfied. It also shows the field from which seed was saved, and from which the blooms were cut that I sent to the Milwaukee Convention. See report Florists' Exchange August 22, 1903.

C. OLMSTEAD, E. Bloomfield, N. Y.

Mention The Review when you write.

ROSE PLANTS in 2½-in. pots Ready Now

UNCLE JOHN, per 100, **$20.00;** per 1000, **$150.00**

	Per 100	Per 1000
American Beauty	$6 00	$50 00
Bride	3 00	25 00
Bridesmaid	3 00	25 00
Golden Gate	$3 00	$25 00
Sunrise	5 00	40 00
Chatenay	6 00	50 00

Rose Cuttings, Well Rooted Ready Now

	Per 100	Per 1000
American Beauty	$3 00	$25 00
Bride	1 50	12 50
Bridesmaid	$1 50	$12 50
Golden Gate	1 50	12 50

THE BENTHEY-COATSWORTH CO., 35 RANDOLPH STREET, CHICAGO.

Mention the Review when you write.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000
White Bradt	$3 00	$30.00
Boston Market	4.00	35 00
Gov Wolcott	3 00	25.00
Innocence	2 50	20.00
Glacier	2 00	17 50
Norway	2 00	17.50
Lorna	2.00	17 50
White Cloud	1.50	12.50
Variegated.		
Mrs. Bradt	3 00	25 00
Prosperity	2 50	20.00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2 50	20.00
Gomez	1 50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3 50	$30.00
Floriana	2 50	20 00
Lawson	2.50	20.00
Marquis	2 50	20 00
Dorothy	2.00	17 50
Joost	2 00	17.50
Nelson	2.00	17.50
Triumph	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma	3.00	25 00
Morning Glory	2 00	17.50
Success	1 50	12 50
Red.		
Adonis	7.00	65 00
Manley	4 00	35.00
Estelle	3.00	25 00
Crane	2 50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

A 1 STOCK.

LOBELIA Emperor William the very finest dwarf blue, grown from cuttings, strong and bushy, full of cuttings, 2-inch, $2 00 per 100. Better order early.

PELARGONIUMS. Fancy var., mixed, strong, well branched, 3-inch, $5.00 per 100.

NOTHING BUT FIRST - CLASS STOCK,

Cash—Extras added liberally.

JOHN F. RUPP,

SHIREMANSTOWN, PA.

THE HOME OF PRIMROSES

Mention the Review when you write.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12 50	Mrs. L. Ine.	$1 25	$ 9.00
Portia	1.20	9 00	Joost	1 20	9 00
Lorna	1.50	12.00	America	1 50	12.50
White Cloud	1 50	12.50	Flora Hill	1 50	10.00
Queen Louise	1 50	12 50	Mrs. P. Palmer	1.50	12.50
Prosperity				2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3 50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12 00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2 75	$22.50
Brides	2 75	22.50
Golden Gates	2.50	20.00
Stock Beauties (2-year-old)	10 00	
Stock Liberty (2-year-old)	10 00	
Asparagus Plumosus 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,

NILES CENTER, Illinois.

Mention The Review when you write

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50 00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25.00
Lillian Pond	5.00	45 00	Harry Fenn	5.00	40.00
Prosperity	2.50	20 00	Gen. Maceo	2.50	20.00
Lawson	2.50	20 00	Queen Louise	2 00	15.00
Cressbrook	2 50	20 00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

Heller Bros.

SOUTH PARK

FLORAL CO.

Newcastle, Ind.

CUT ROSES FROM THE BEST ROSE SOIL IN AMERICA.

Bridesmaids Brides, Ivory, Golden Gate

In four grades: "Specials," which are everything the name signifies. Magnificent long stems, perfect foliage and bud. Price, 10c

Selects, also very fine but not quite as long stem. Price..... 8c

1st. Good standard length stems for general use, fine foliage and bud. Pr. 5c

2d. Good buds, with stems 6 to 10 inch. Price..... 3c

Very fine American Beauties, the longest stems, $4.00 and $5.00 per dozen. Medium and shorter ones in proportion

Very Careful Packing and Safe Shipping to All Points.

HELLER BROS.

NEWCASTLE, IND.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wetherafield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

J. J. Bitzer has engaged in the seed business at Portland, Ore.

Nearly 6,000 bags of clover seed were destroyed in the Baltimore fire.

Field corn that will grow is the next item that will be hard to secure.

Visited Chicago: Chas. P. Braslan, of Braslan Seed Growers' Co., San Jose, Cal.

A sharp advance in onion set prices at Louisville, Ky., is a development of the week.

The properly grown Chicago onion set continues to bring the top figure in a rising market.

The demand for bush beans of all varieties continues. There seems to be no surplus anywhere.

The Baltimore seed houses which were burned out have all found adequate temporary locations, and are doing business again.

The increase of orders as a result of the milder weather of the past few days shows what may be expected when spring opens up properly.

It is a long time since seed orders generally have been so hard to fill in full as this year. This applies to mail orders as well as to "fill in" orders from the trade.

The scarcity of home-grown standards, and the most needed parts of foreign shipments in the hands of the appraiser, keeps the seedsman from worrying about other things at present.

The new seed committee of the Philadelphia Commercial Exchange is composed of Chas. R. Koch, Chas. G. Alexander, Herbert W. Johnson, Geo. E. Taylor and Casper T. Sharpless.

As long as it is advertised that a dollar's worth of seeds may be had for twenty-five cents it will be hard to convince the consumer that a free distribution of the goods is very far wrong.

The western and southwestern growers of onion sets, who have planted no inconsiderable acreage in recent years, are reported to be satisfied to turn their contracts over to the Chicago district this season.

The firm of W. Atlee Burpee & Co. has done very little magazine advertising in the past two or three years, but is making up for it in a measure this season, having full pages in most of the March issues.

"The seeds you sent me were no good," wrote a constituent to Representative Lacey, of Iowa. "Nothing but weeds grew where I planted them." By the next mail Mr. Lacey sent a reply. "I take pleasure in forwarding you, under another cover," wrote the Iowan, "a copy of a bulletin from the Department of Agriculture. It is entitled 'Weeds and How to Kill Them.'"—Minneapolis Journal.

The Buckbee Seed Co. loss at Rockford, which has attracted wide attention, has been settled by compromise. The fire occurred in June, 1903, and a contest was precipitated at once by the refusal of the companies to settle on the basis of seed values that day, they contending for cost value. The insured claimed a value of $121,875 in stock and fixtures, with insurance of $80,500. This would make the loss total to insurance. The claim was compromised February 25, the companies paying $72,450, a reduction of $49,425 from the original claim. This is on the basis of 90 per cent on the insurance.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

P. O. Address: Long Beach, Cal., R. F. D. No 1

Ranch at Burnett, 3 miles north of Long Beach, Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsonii and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

Mention The Review when you write.

Chater's Hollyhock Seeds.

In six superb double colors, 70c per oz.; 40c per ½ oz. Allegheny Hollyhocks, $1 per oz.; 60c per ½ oz. Ficifolia. Double Hollyhocks, NEW, $1 per oz. Single Hollyhocks, 10 distinct colors, 60c per ½ oz. New Hydrangea Jeannie d'Arc, white flowered and Red Branched, 4-in. pots, 40c each $3 per doz. Fine for florists. CASH PLEASE.

JOHN CHARLTON & SONS, Rochester, N. Y.

Mention the Review when you write

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c

WEEBER & DON, Seed Merchants,

114 Chambers St., NEW YORK CITY

Mention the Review when you write.

SWEET CORN Stowell's Evergreen Hickox Improved Early Crosby, Early Minn., from reliable growers; 85 per cent. germination guaranteed; reasonable prices. Other seed bargains. If you have surplus seeds to offer state age, origin, quantity and price.

SEED CLEARING HOUSE,

BINGHAMTON SEED CO. Binghamton, N. Y.

Mention Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

LIGHTNING FLOWER POT WASHER

washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15 net, f. o. b. Joliet. **C. E. FINLEY, Joliet, Ill.**

Mention the Review when you write.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention the Review when you write.

CALIFORNIA SEEDS

SHASTA DAISY—75c per 1000 seeds, $6.50 per 10,000.

GERANIUM—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz.

SMILAX—$2.00 per lb

IPOMŒA—"Heavenly Blue" 40c oz., $3.50 per lb.

CYPERUS ALTERNIFOLIUS—25c pkt. $1.00 per oz.

ALSOPHYLLA AUSTRALIS—(Australian Tree Fern) 50c pkt., $7.50 oz.

APPLE GERANIUM—75c per 1000 seeds.

ASPARAGUS SPRENGERI—50c per 1000 seeds.

ERYTHEA EDULIS—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1.00 per 100 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co.

VENTURA, CALIFORNIA.

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Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

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White, Pink, Scarlet, Purple and Mixed, oz., $1.25

PETUNIAS.

Single, large flowered, fringed, pkt., 25c and 50c
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QUEEN OF THE MARKET ASTER.

Three weeks earlier than any other variety; of dwarf branching habit and very desirable for growing under glass. Height 12 in.

	Trade pkt.	Oz.
White	$0 20	$1 60
Pink	.20	.60
Crimson	.20	.60
Light Blue	.20	.60
Purple	.20	.60
Mixed	.15	.50

VICTORIA ASTERS.

Highly prized by florists for bedding or for cutting. Pure white deep pink, light blue, deep scarlet, and Peach Blossom. Trade pkt., 20 cts.; oz., $1.75. Mixed Victoria. Trade pkt., 20 cts.; oz., $1.50.

See our Bulb offer in last issue.

SEMPLE'S BRANCHING OR LATE FLOWERING ASTERS.

These Asters are unequalled for florists' use. The flowers are immense and very beautiful, resembling a chrysanthemum, and are borne on long erect stems. They are late bloomers and come at a time when they sell well, lasting for days after being cut.

		Trade pkt.	Oz.
New Branching,	Pure White	$0 20	$0.75
" "	Scarlet	.20	.75
" "	Pink	.20	.75
" "	Lavender	.20	.75
" "	Purple	.20	.75
" "	Choice Mixed	.20	.60
Vick's White Branching		.20	.75

TRUFFAUT'S PÆONY PERFECTION.

8 separate colors ..... Trade pkt., 20 cts.; oz., $1.25
Mixed Pæony Perfection, " 20 " " 1.00

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CINCINNATI.

The Market.

We are having some of the warmest weather since last fall, and it seems to be doing business a good turn, as there is more snap to the market than there has been for some time. All kinds of flowers are getting a chance at it, too. Roses are in larger supply and some first-class stock is seen. Red is still very scarce. Beauties are improving in quality and the supply is larger. Some extra fine Gates and Ivory are selling at good figures. Carnations are about equal to the demand, with the price a notch or two lower than last week, especially on the better grades. The quality in most cases is very good. Bulbous stock moves rather slow, callas doing better, perhaps, than anything else. Harrisii go but poorly and valley is almost a drug. Thousands of jonquils are being shipped in from West Virginia and sell as low as $5 per 1,000. Some days violets are scarce and the price jumps up, but the next thousands of them are in sight, and many go to waste. Thus a grower's returns depend greatly on his luck.

Various Notes.

The annual carnation show of the Florists' Society will take place March 12. Everything points toward a first-class show. Out-of-town growers are invited to make exhibits and their stock will be carefully staged and cared for by the society. Growers and introducers of new things are especially requested to send us some sample blooms, so that the Cincinnati boys can see what they are like.

James Hartshorne, of the Chicago Carnation Co., was in the city last week, and it is no idle rumor that he took back with him the ownership of R. Witterstaetter's new carnation, The Cardinal. It's a mighty good carnation and looks to have a future.

E. G. Gillett and J. A. Peterson spent the greater part of the past week in being initiated into the mysteries of the Scottish Rite and Shrine. Chas. Weltz, of Wilmington, O., joined them in crossing the burning sands.

Eight or ten left here Tuesday night for Detroit. They were the usual standbys, well known at the conventions.

L. Pfeiffer Sons are building a new house, 22x100, to be devoted to Brides and Maids.

H. H. Ritter, of Dayton, O., was in attendance at the Masonic meetings last week.

C. J. Ohmer.

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Bostoniensis,

2¼-inch pots, strong.....per 100, $4 00
From bench, fall planted, ready for 4-inch pots.....per 100, $10 00

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From bench, fall planted, ready for 4-inch pots.....per 100, $25 00

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	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
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PLANTS AND ROOTED CUTTINGS.		
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1 50	3 00
Perle, Kaiserin, Canadian Queen	2 00	4.00

Low rate by the 1000.

BOSTON FERNS — 2½-in., $4 per 100; 3 in., $8; 4 in., $12 50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

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	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4 00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
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Mrs. M. A. Patten	12 00	100.00

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Lillian Pond	"	5.00	"	40.00
The Queen	"	5.00	"	40.00

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Philadelphia, March 2.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	$ 2.50 to 3 00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.50 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Extras	$10.00 to $15.00
" " Specials	4 00 to 8.00
Golden Gate, Firsts	5 00 to 10.00
Liberty, Firsts	25.00 to 50.00
" Seconds	6.00 to 12.00
Meteor, Firsts	10.00 to 12 00
" Seconds	4.00 to 8.00
Perle	4.00 to 8 00
Sunrise	5.00 to 10.00
Ivory	5.00 to 10 00
Orchids, Cattleyas	50.00
Carnations, Commons	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas	$1.50 to $2.00 per doz.
Daffodils	2.00 to 3.00
Daisies	.50 to .75
Freesia	3.00 to 5.00
Hyacinths, Roman	2.00 to 4.00
Lilac	$1.00 to $2.00 per bunch
Lillium Harrisii	10 00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	2.00 to 4.00
Narcissus, Paper White,	2.00 to 4.00
Pansies	.75
Myosotis	.50 to 1.00
Gardenias per doz.,	3.00 to 5.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
Tulips, single	3.00
" double	4 00 to 5.00
Violets, ordinary double	.50 to 1.00
" " single.	.25 to .40
" extra white	1.50

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, **$2.25** per 100 Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratums, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

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Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

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Josephine Rausset	each,	25c
Mlle. V. Morel	"	25c
Loveliness	"	15c
Mrs. H V. Casey	per doz.,	$1 00
M. Richardson	"	1 00
Durban's Pride	"	1 00
C. J Salter	"	1 00
F. S. Vallis	"	1 00
Mlle. M. Liger, r. c	per 100.,	3 00
Mrs. J. Jones, r. c	"	1 25

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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
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	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 30.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate	3.00 to 15.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 2.00
" Fancies	2.00 to 3.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Crowesnum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, 25c a bunch.	
Callas	8.00 to 12.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia.....10c to 25c per bunch.	
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 6.00
Narcissus	1.00 to 2.00
Smilax	5.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.15 to .40

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Wholesale Cut Flower Prices.

Buffalo, March 2.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	2.00 to 4.00
Cusin	3.00 to 5.00
Golden Gate	2.00 to 8.00
Liberty	3.00 to 12.00
Mme. C. Testout	3.00 to 6.00
Meteor	3.00 to 10.00
Mrs. Morgan	3.00 to 6.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Ulrich Brunner	20.00 to 25.00
Orchids Cattleyas	50.00 to 60.00
Carnations, Common	1.25 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 12.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 10.00
Camellias	6.00 to 8.00
Daffodils	2.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
Lilac	10.00 to 15.00
Lil. Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette, ordinary	2.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.50 to .60
Smilax	12.50 to 15 00
Sweet Peas	.40 to .75
Tulips, single and double	3.00 to 4.00
Violets, ordinary	.20 to .30
" Extra	.40 to .50
Leucothoe	.60 to 1.00
Common Ferns	.20 to .25

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Chicago, March 2

	Per doz.
Beauties, 36-inch stems	$5 00
" 30 "	4.00
" 24 "	3.00
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100,	$6 00 to 8.00

	Per 100
Bridesmaids, Specials	$6.00 to $10.00
" Firsts	4.00 to 5 00
Brides, Specials	6 00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	15.00
" Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 8 00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8 00
Perles, Firsts	6.00 to 7.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.00 to 2.00
Violets	.50 to .75
Paper Whites	2 00 to 3.00
Romans	2.00 to 3.00
Daffodils	2 00 to 3.00
Tulips	2.00 to 5.00
Freesia	2 00 to 4.00
Easter lilies, $2 00 per doz.	
Callas, $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 per doz.	

Pittsburg, March 2.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	12.00
" " " Extra	8 00 to 10.00
" " " No. 1	4 00 to 6 00
" " " No. 2	2.00 to 3.00
Carnot	2 00 to 8 00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 8 00
Kaiserin	3 00 to 10.00
Liberty	4.00 to 12.00
Sunrise	2 00 to 6.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	4 00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 4.00
" Sprengeri, sprays	2.00 to 4.00
Callas	6 00 to 12.00
Daffodils	1.00 to 3.00
Daisies	1.00 to 1.50
Freesia	1.00 to 3 00
Hyacinths, Roman	.75 to 3.00
" Dutch	3.00 to 6.00
Lilac, per doz.	1.00 to 1.50
Lilium Harrisii	12 00 to 18.00
Lily of the Valley	3.00 to 4 00
Mignonette	2.00 to 5 00
Narcissus	1.00 to 3.00
Pansies	.75 to 1.50
Smilax	12 50 to 15.00
Sweet Peas	.20 to 1.00
Tulips, single	2 00 to 3.00
" double	3.00 to 5 00
Violets	.20 to 1.25

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FLORAL COMPANY,
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Wholesale Cut Flower Prices.

Cincinnati, March 2.

	Per 100
Beauties, Specials	$50.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 8.00
Sunrise	3.00 to 8.00
Carnations, Common	2.00
" Selects	2.50 to 3.00
" Fancies	3.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	1.00 to 4.00
Hyacinths, Roman	2.00 to 4.00
" Dutch	3.00 to 5.00
Lilium Harrisii	12.50 to 16.50
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.50
Tulips	3.00 to 4.00
Violets	.25 to 1.00
Common Ferns	per 1,000 2.50

Wholesale Cut Flower Prices.

Milwaukee, March 2.

	Per 100
Beauties, Extra	$25.00
" " No. 1	$15.00 to 18.00
" " Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 6.00
Perle	3.00 to 5.00
Carnations, Selects	1.00
" Fancies	2.00 to 3.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Callas	10.00
Daffodils	2.00 to 3.00
Daisies	.50
Freesia	2.00
Lilac	8.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00
Mignonette, ordinary	2.00
" Fancy	3.00
Narcissus	2.00
Smilax	20.00
Sweet Peas	1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets, ordinary	.50
" extra	.75
Galax	.20
Common Ferns	.30

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Wholesale Cut Flower Prices.

St. Louis, March 2.

	Per doz
Beauties, Specials	$6.00 to $8.00
" Extra	4.00 to 5.00
" No. 1	2.00 to 3.00
" Shorts	1.00 to 1.50
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Carnot	6.00 to 8.00
Golden Gate	6.00 to 8.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Common	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Daffodils	3.00 to 4.00
Freesia	1.50 to 2.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	4.00 to 5.00
Lilium Harrisii	12.50 to 15.00
" Longiflorum	15.00 to 18.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	2.00 to 3.00
" Fancy	4.00 to 5.00
Narcissus	2.50 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to .75
Tulips, single	2.00 to 3.00
" double	3.50 to 4.00
Violets, ordinary	.25 to .35
" Extra	.40 to .50
Galax	.15
Common Ferns	.25

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(CONTINUED.)

WM. SCOTT,

Main and Balcom Sts.

Buffalo, N. Y.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

San Francisco, Cal.—The Board of Public Works has granted the petition of the Retail Florists' Association and ordered the flower peddlers off the streets.

SAN FRANCISCO.

The Market.

We have had an almost continuous downpour of rain for the past two weeks and the effect on business is very marked. Outside of funeral orders, which have been fairly steady, there is very little doing, and stocks of flowers have piled up at a tremendous rate in all the stores. Violets have become so plentiful that many of the growers have ceased to pick any, or only a small portion of the crop. The fact that the basket peddlers have been driven off the public streets adds to the quantity that is dumped daily in the stores. Bunches containing 200 fine blossoms are sold wholesale at 50 cents per dozen, and there is no prospect of the supply diminishing. All kinds of outdoor bulbous stock, and especially narcissi and daffodils, are a glut. The former sell at from 25 to 50 cents per hundred and the latter at about 50 cents per hundred for the best quality of flowers. Many of the dealers handle considerable fruit blossoms and almond, peach and cydonia are at their best at this time. Carnations remain stationary in price and, although not very plentiful, there are more than enough to fill requirements. Roses are about the same in price as they have been for the past three weeks and about enough to supply demands. Indoor freesias are coming in good lots and find a very ready sale. There has been a great improvement in the quality of this popular flower over those of the past few years. There is a freesia specialist in Oakland who grows his flowers on stems two feet long and over and stiff as carnations, and he has found a splendid sale for them at $3 per hundred spikes. Valley is very plentiful and Lilium Harrisi is becoming more plentiful. I think most of our growers will have a good supply for Easter, judging by the condition of the plants in some of the nurseries I have visited. Dutch hyacinths in 6-inch pots and tulips, especially Keizerskron and Yellow Prince, help to make windows especially attractive at this time. Some very fair samples of Crimson Rambler in 7 and 8-inch pots and in full bloom are beginning to come in and everything here is as merry as a marriage bell, except business, and this is, as I stated before, "on the bum."

Notes.

Apropos of the fact that the Italian flower venders have been ordered off the streets by the city authorities, the Merchants' Association of San Francisco has sent a lengthy communication to our Board of Supervisors, in which they state that as the flower peddlers were distinctively a feature of San Francisco life, and that they were not detrimental to the florists' trade in general, but that it cultivated a taste for flowers with many who do not ordinarily visit the stores, and that in the end trade at large was much benefited. This is exactly the opposite of what is contended by the Retail Florists' Association, which secured the abolition of the free flower mart. The florists all over the city claim that all the peddlers should be driven off the streets, as it is an unfair proposition to allow them to sell their goods in front of the stores and on the most popular thoroughfares without charging them a heavy license to even matters. The war goes merrily on and we will know in a week or two whether the venders will be permitted to resume their usual vocation or not.

G.

THE MAKING OF LAWNS.

Although the making of lawns does not come strictly within the province of the florist or nurseryman, our advice is constantly sought regarding their planting, care and re-seeding. The practice in California is somewhat different from that of other places. To begin with, let me say a few words regarding the variety of grasses used. Kentucky blue grass makes the best sod unless it is planted either in the shade of trees or houses or on very sandy soil. It is used more than any other grass because it is easy to cut and makes a very velvety sward. Where there is much shade and a deficiency of water Australian rye grass is found to be much more serviceable than blue grass. It roots very deeply, grows luxuriantly

Your Easter display should be different; above the average. The RIGHT RIBBONS will help to make it so. You will be surprised at the elegance and distinction which these ribbons of quality give to your plants and flowers. Woven with especial reference to florists' use, the textures are firm and lustrous, and the colors are as near the shades of flowers and foliage as can be produced.

And yet—the **Right Ribbons** cost you less than the usual sort, for "you save all between profits" by buying direct from the mill.

The Pine Tree Silk Mills Company
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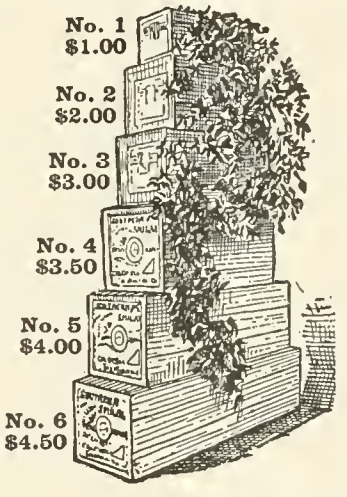

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This stock can be had **only** direct from the introducers or their agents.

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LEO NIESSEN, Philadelphia, Pa.
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G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.

EVERGREEN, ALABAMA.

500,000 Unrooted Carnation Cuttings!

A DAY'S PACKING OF 41 ORDERS.

Cash or C. C. D. with privilege of examining.

	Per 100	Per 1000	Per 5000
WHITE.			
Queen Louise	$0.55	$ 5.00	$23.00
Norway	.55	5.00	23.00
PINK.			
Argyle	.55	5.00	23.00
Mermaid	.55	5.00	23.00
Marquis	.55	5.00	23.00
Lawson	1.00	8.00	35.00
Cressbrook	.75	6.00	25.00
Success	1.00	8.00	35.00
CRIMSON.			
Harlowarden	1.50	12.50	50.00
Gen. Gomez	.55	5.00	23.00
YELLOW.			
Golden Beauty	.75	6.00	25.00
Eldorado	.55	5.00	23.00
Gold Nugget	.60	5.25	25.00
VARIEGATED.			
Violania, 4-inch bloom, fine	6.00	50.00	.....
Marshall Field	1.50	12.50	60.00
Stella	1.50	12.50	60.00
Mrs. Bradt	1.00	7.50	35.00
Armazindy	.55	5.00	23.00
SCARLET.			
America	.55	5.00	23.00
Mrs. Potter Palmer	.55	5.00	23.00
Apollo	.55	5.00	23.00

Express prepaid at above prices.

FOR ROOTED CARNATION CUTTINGS SEE LATE ISSUES OF THIS PAPER.

California Carnation Co.

Lock Box 103. LOOMIS, CAL.

both in shady places and in the open, and keeps a very fair color with a small amount of moisture, but it is hard to cut if allowed to grow for any length of time. These two grasses are practically all that are used here, although some people like a white clover lawn. But clover, unless carefully handled regarding watering, has a tendency to die out during our six months of summer drought and it has not become very popular on that account.

The time for making a lawn here is from the first of March until September. After that month, on account of cold nights, seed germinates very slowly, and when frosty weather comes it is almost impossible to get the grass up at all. This is especially true of the Kentucky blue. I have seen many lawns that were very carefully planted and after the seed had sprung up and grown an inch or so they were completely killed by the frost. This does not happen with Australian rye grass or clover, and consequently if a lawn must be planted between September and the following March do not plant Kentucky blue grass. During the spring and summer months blue and rye grass come up very quickly. From four to ten days is the average length of time for the young blades to show themselves.

To obtain a good, long-lived lawn the soil should be at least six inches in depth and should be weeded twice during the first two months and after that cut on the average of twice a month during the warm months and once in two months during cold weather. If the soil is poor it should be enriched with bone dust every spring, and if that is not available well rotted manure can be used to advantage. I find March the best month to apply feltilizer; that is, just before the grass begins to make a good growth. I prefer bone meal for all kinds of lawns, as its action, although it begins slower, lasts much longer than any other kind of fertilizer, and it has the advantage of not being full of the seeds of noxious weeds, as manure usually is. Dandelion and red sorrel are the great enemies of lawns in this country and the only way to eradicate them is to dig them out by hand, not a very pleasant but the only effectual way I know of. G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

	100	1000
White		
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	2.50	25 00
Gov. Wolcott	3 40	30.00
Norway	1 00	9 00
Lillian Pond	5 00	45.00
Chicot	1 00	9.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	2 50	20.00
Pres. McKinley	3.00	25 00
Cresabrook	2 50	20.00
Yellow		
Eldorado	1.00	9 00
Scarlet		
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11 00
Variegated		
Marshall Field	3.00	25 00
Stella	3 00	25.00
Armazindy	.90	8.00
Gaiety	2.00	18.00
Prosperity	1.40	12 00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship C. O. D. with the privilege of examination; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., Loomis, Cal.

Peoria, Ill.—J. C. Murray is still at his home, ill but slowly improving. At his seed store business is reported opening well.

Atlanta, Ga.—The Tyrol Floral Co. has been incorporated with authorized capital of $5,000, by W. T. Ashford, John A. Lambert and M. J. Smith. They are building a range of 5,000 feet of glass, and will do both a wholesale and retail business. Mr. Lambert will manage the plant.

Great Neck, L. I.—Rudolph Fischer is showing some very well-grown freesias, including some very early strains in yellow, lavender and white, to which he has given variety names.

Ottawa, Ont.—The executive committee of the Canadian Horticultural Association will meet here March 9. Plans are to be made for the convention to be held here in the early autumn.

On Tuesday, March 8th, at 11:30, We will offer at

AUCTION At the old stand, 54-56 Dey St., Six Cases, per Str. Sloterdijk, containing Roses, Azalea Mollis, Rhododendrons, Conifers, Boxwoods, Hydrangeas, Magnolias, Clematis, Privet, Bulbs, Roots, Etc.

☞ CATALOGS ON APPLICATION.

W. ELLIOTT & SONS,
Auctioneers.

Mention The Review when you write.

DENVER, COLO.

With the mercury in the vicinity of 60 degrees in the shade for the month of February, it would be natural to expect big results in the production of flowers. The influence in this respect has been very satisfactory and especially so in the carnation line. Such carnations as are now on the market here lead one to believe that Uncle John's prophecy is near to realization. Forty years ago the Malmaison was considered the ideal of perfection in the carnation family, and even as late as ten years ago it was grown as the leading pot variety in the vicinity of London. But they lacked the finished form of Prosperity, Enchantress and Adonis. These three varieties have taken the lead, both in popularity and price, the past season, and have always found ready sale at good prices. Prosperity, while not the money maker that Enchantress is, is much sought after and the leading stores here think it indispensable, but Enchantress is considered by grower and dealer out here as the money maker of the day. One grower informed me quite recently that he picked from 500 plants of this variety last December just 4,000 blooms, and when seen the past week they looked to be running pretty close on that record. Of course our bright, warm sun, with plenty of genial air, is conducive to such results, which cannot possibly be attained anywhere east of this region at the time mentioned. Adonis has created a favorable impression here and will be grown for all it is worth the coming season. It is considered the leading scarlet out here, its only fault being its deficiency in wood for cuttings, as it produces a flower on almost every growth it makes. A prominent Chicago retailer, who has been on a visit here, was very favorably impressed with it as it is produced out here, and has changed his opinion of it, when compared with what he has seen elsewhere.

Bulbous stock is now coming into the stores in good quantity and quality. This is the first year in many that either grower or dealer has had any satisfactory results from handling it. This condition may be accounted for by one of our largest bulb growers not being successful in getting his order last fall. Those who are fortunate enough to have them on hand are making a profit on them, to their surprise. Lilies are not holding out in health as well as was expected a few months ago, and the prospect now is that about one-fourth the crop will be a failure. But Japan-grown longiflorums are looking well and those fortunate enough to have them in quantity will to some extent be reimbursed for their losses on Harrisii.

NEW ROSES!

CARDINAL and ENCHANTRESS

CARDINAL—A cross between Liberty and an unnamed carmine seedling. A strong, robust grower, with large, massive crimson flowers, deliciously fragrant. Never shows an open center; keeping qualities first-class.

PRICE—2½-inch pots, $30.00 per 100. Not less than 50 sold, for the present.

ENCHANTRESS—A cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing. Every shoot produces a handsome, clear, pink flower which never fades out; a good keeper.

PRICE
2½ and 3-inch pots, $30.00 per 100.

Cash with Order. Stock Limited.

JOHN COOK,
318 N. Charles St., : : : BALTIMORE, MD.

Mention the Review when you write.

VESPER. Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7 00 per 100.	$60.00 per 1000	Lawson	$2.50 per 100.	$20.00 per 1000
Enchantress	6.00 "	.....	Queen Louise	2.50 "	20.00 "
McKinley	4.00 "	30.00 "	Mrs. Bradt	2 50 "	20 00 "
Estelle	4.00 "	30.00 "	Flora Hill	2.00 "	15.00 "
Nelson	3.50 "	30.00 "	Mrs. F. Joost	1.50 "	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., **Philadelphia, Pa.**

Mention The Review when you write.

Beauties are keeping up their established reputation for producing nonproductive wood, or no wood at all, at this time of the year. One of our leading growers is utilizing the blind wood for layers and in this manner propagates considerable of this stock for next summer's planting. The wood is bent over and brought to the ground and tongued and inserted in the soil at a point when the wood is most favorable for the operation. This stock has proven as satisfactory as that obtained by the usual method of propagation.

J. A. Valentine is on his semi-annual trip in the East in quest of meritorious stock for his establishment here, and subsequently to take in the carnation convention before his return.

Both members of the Scott Floral Co. have been on the sick list, Phil from a touch of typhoid and Reynolds from overwork. Both are on deck again and busy as ever.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

Mention The Review when you write.

Recent visitors: Arnold Ringier, of Chicago; Samuel Murray, of Kansas City, and Ernst Wienhoeber, of Chicago, who has been sojourning in the Rocky Mountain region for some months past.

GREAT DIVIDE.

YOUR paper gives more returns than any other.—A. SCHOEPEN, Marietta, O.

THE NEW CARNATION

THE CARDINAL

Wins FOR BEST 100 SCARLET at Detroit. Orders booked now for Rooted Cuttings, Delivery January, 1905.

IT'S IT

Send orders to WM. MURPHY, Cincinnati, O., and

CHICAGO CARNATION COMPANY, James Hartshorne Manager. JOLIET, ILL.

MORE HEAT NEEDED.

Please advise me what changes would be best in order to secure a little more heat in my greenhouses in severe weather. I have a return flue boiler of eleven sections, capacity about 2,200 feet of 4-inch pipe. This heats a rose house, 19x40, in which 56 degrees is required, two carnation houses, 16x40, requiring 52 degrees, and a house 16x40 for general stock, needing 45 to 50 degrees. I fall 5 or 6 degrees short of the required temperatures in the coldest weather. In the rose house there are two flows and six returns, all 4-inch, under the benches. In one carnation house there are two flows and six returns, all 3-inch, in the other two flows and four returns, all 4-inch. In the plant house there is a 4-inch flow feeding two 4-inch returns and one 2-inch flow feeding six 1-inch returns hanging on the wall. If I could afford to keep a night man I would be all right, but I have to leave the fire three or four hours at a time to get sleep. If I increased the number of flows would I get more rapid circulation?

W. P. R.

There is sufficient radiation in all your houses to maintain the temperatures desired, providing the water is maintained constantly at 180 degrees. If, as you say, it is necessary to leave the plant for three or four hours at a time it is likely that the water cools off considerably. With good anthracite coal, however, that should not be the case. No statement is made in regard to the fuel used, but I assume it is hard coal from the type of boiler described. If not, perhaps the use of hard coal during the coldest weather will be a remedy. You do not state whether the flow pipes are arranged on an up-hill or down-hill system. If the flow pipes rise from the boiler to the far end of the house the distribution of heat will be more satisfactory than if on a down-hill system. L. C. C.

CATALOGUES RECEIVED.

Elmhurst Nursery and Fruit Farm, Argentine, Kan., strawberry plants, dahlias, etc.; Edward Gillett, Southwick, Mass., hardy plants; J. Staer & Son, South Hornsby, Australia, tree and shrub seeds; J. Stern & Co., Philadelphia, florists' supplies; Flanderia Co., Bruges, Belgium, plants; Wm. Eber & Sons, Quincy, Ill., seeds; J. M. Lamb, Fayetteville, N. C., plants, bulbs, etc.

....NEW LIGHT PINK CARNATION....

New Daybreak.

To the commercial grower who is looking for profit

This variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults. Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed-out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per dozen; $12 per hundred; $100 per thousand.

Other new and standard varieties.

CHRYSANTHEMUMS. The best new American and foreign varieties and best standard sorts. Write for price list.

H. WEBER & SONS, - Oakland, Md.

Mention the Review when you write.

Rooted Carnation Cuttings

SPECIAL LOW QUOTATIONS.

	Per 100	1000
Wolcott, white	$3.50	$25.00
2000 and over		22.00
Lawson, pink	1.50	12.00
2000 and over		11.00
Prosperity, var.	$2 00	$18.00
Lillian Pond, white.	3 00	25.00
Palmer, red	1.50	12.00
2000 and over		11.00

WE NEED ROOM.

	Per 100	1000
Joost, pink	$1.50	$12.00
Higinbo'am, lt. pink	1.50	12.50
Lorna, white	2.50	20.00

Prices in 2½-inch stock on application.

Booking orders for 2½-inch roses, spring delivery. Get your order in and secure good stock. Send list for estimate.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Carnation Cuttings.

Healthy and Well Rooted Stock.....

Pres. McKinley	$4 50	per 100	$40.00	per 1000	Lillian Pond	$5 00	per 100	$45.00	per 1000
Lawson	2 50	"	20.00	"	Wolcott	3.50	"	30 00	"
Mrs. Higinbotham	1.50	"	12.50	"	Flora Hill	1.50	"	12.00	"
Fair Maid	3.00	"	25.00	"	Success	3.00	"	25.00	"
Gov. Roosevelt	2.50	"	20.00	"	Floriana	2.00	"	15.00	"
Harlowarden	5.00	"	45.00	"	Ethel Crocker	1.50	"	12.00	"
May Naylor	4 00	"	35.00	"	Prosperity	3.00	"	25.00	"

E. T. GRAVE, - - Richmond, Ind.

Mention The Review when you write.

St. Clairsville, O.—W. S. Taggart has sold his greenhouses to M. J. Morrison, who will continue the business as Morrison's Greenhouses. Frank Morrison, manager. Mr. Taggart will remove to southern California.

Garrettsville, O.—We are looking for a good season, says C. E. Tinker. Several growers were caught by the cold, 30° below zero, and had their stock frozen, so bedding plants are likely to be in demand.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong teudency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

Carnations

Strong Plants, Clean and Well Rooted.

Flora Hill	per 100, $2.50		Per 1000, $20.00	
The Sport	"	2.50	"	20.00
Mrs. Lawson	"	3.00	"	25.00
Mrs. Higinbotham	"	3.00	"	25.00
Peru	"	3.00	"	25.00
White Cloud	"	2.50	"	20.00
America	"	2.50	"	20.00

ROSE CUTTINGS.

	Per 1000		Per 1000
Bride	$12.50	Ivory	$12.50
Bridesmaid	12.50	Golden Gate	12.50

Stock in perfect shape and now ready to ship. 500 at 1000 rate.

SINNER BROS.

WHOLESALE CUT FLOWERS,

58-60 Wabash Ave., CHICAGO.

Mention the Review when you write.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000		100	1000
Peru	$2.00	$15.00	White Cloud	$1.50	$12.50
Lawson	2.50	20.00	America	2.50	20.00
Flora Hill	1.50	12.50	Estelle	3.00	25.00

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. Chicago

Selesroom: 60 WABASH AVE., Tel. Central 3067.

Mention the Review when you write.

AMERICAN BEAUTIES.

We have a fine lot in 2 x 2½ inch that will be ready to go out early in March. Let us have your order and we will send you fine stock and guarantee satisfaction.

Headquarters for **BOSTON** and **PIERSON FERNS**—all sizes. Write us.

PLUMOSUS and **SPRENGERI.**

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

...HERE GOES...

PACIFIC COAST GREENS FOR EASTER

Huckleberry Branches, the most beautiful of all the wild greens for filling in with cut flowers and decorations. PACIFIC COAST FERNS, with their fine fronds from 2 to 3 feet in length, stand rough usage better than all others. Just the thing for large bunches and decorations. Can be used in place of Cycas. Extra large Ivy Leaves and Sprays from 2 to 4 feet; Mahonia Leaves and Stalks, bronze and green; Pacific Coast Leucothoe, etc. Send for prices.

L. P. WALZ, THE PACIFIC COAST GREEN GOODS MAN.

1003 First Avenue. SEATTLE, WASH.

Mention The Review when you write.

100,000 Grafted Rose Plants.

We are now grafting on Manetti the above amount, all from choice **flowering wood,** no blind wood used at all, and offer for sale, ready for delivery April 1st: — **Brides and Maids,** $12 per 100; $100 per 1000. **Liberty,** $15 per 100.

If you wish to improve your stock **give grafted plants a trial.** Come and see our plants and compare them with other growers.

We also offer **CHATENAY Rose Plants,** 2½-inch, $6.00 per 100; $50.00 per 1000.

ROSES — ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.

ROOTED CARNATION CUTTINGS.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Poud	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6 00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, **CHICAGO.**

PROPAGATING THE DAHLIA.

When we wish to secure a stock of a new variety in a short time, the only practical method is by cuttings, and we often have occasion, also, to multiply some old sort much faster than it can be done by divisions. Under ordinary treatment there are a few kinds that do not give as good results from cutting, but with most varieties we find no difference and a small application of hen manure, say a teaspoonful to a plant, or its equivalent in some quick acting fertilizer, will bring up any of them without waiting till the second year. When we take into consideration the fact that a dahlia seed planted June 1 can readily be brought into flower in July by good treatment it will not seem at all impracticable to bring up a good specimen from even a small cutting plant the first year. Wm. F. Bassett.

Regarding the propagation of dahlias, my method is to place the tubers on a bench in heat of 60 degrees and cover very sparingly with light earth, or moss and earth mixed, so as to expose the crowns. They will sprout quickly, and as soon as the shoots are long enough to handle they are pulled off sidewise, the break trimmed with a keen knife and inserted into the sand propagating bed.

This is much better than to cut the shoots at a joint after they have grown up to some length, this base being full of eyes naturally. There is no danger of exhausting the roots, as I have had tubers in heat for three months and pulled cuttings every three to six days without having gotten the last one when thrown out. In fact, I believe this method will produce more cuttings than the other. The young plants make nicer tubers in pots all summer than if planted out in the field, as the field plants grow too much to stalk.

Fred Windmiller.

Alton, Ill.—Joseph Krug lost $1,000 with no insurance in the fire February 22 which destroyed the building in which his flower store was located.

Buffalo, N. Y.—The William Scott Co. has been incorporated, capitalized at $20,000.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903, scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiaoa State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1.50 "	12.50 "
Lorna	2.00 "	18 00 "
Viola Allen	3.00 "	25.00 "
Floriana	2.00 "	18.00 "
Queen Louise	2.00 "	18.00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2.00 "	18 00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

CARNATION CUTTINGS

	100	1000
Enchantress	$6 00	$50 00
Gov. Wolcott	4 00	35 00
Nelson	3 00	25 00
Estelle	3 00	25 00
Crane	2 50	20 00
Lawson	2 50	20 00
Glacier	2 00	20 00
Marquis	2 00	17 50
Gov. Roosevelt	2 50	20 00
Joost	2 00	15 00
Lorna	2 00	15 00
Queen Louise	2 00	17 50
Triumph	1 50	12 50

Rooted Chrysanthemum Cuttings in season.

BELL MILLER, Springfield, Ill.

AMAZE

A grand Red Carnation. Brilliant color, lasting qualities unequalled, a wonderful bloomer. **No shading required.**

Do not fail to see the Exhibit at the Detroit Convention.

Rooted Cuttings ready now, $10.00 per 100; $75.00 per 1000. Address

JEROME A. SUYDAM, FLATBUSH, N. Y.

Orders may also be sent to the firm of SLINN & HUGHES, Coogan Bldg., New York City.

DREER'S SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange. 40 cents per dozen; $3.00 per 100; $25.00 per 1000.

Choicest Single Flowered in Mixture, 35 cents per dozen; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

TWO GREAT TUBEROUS ROOTED BEDDING BEGONIAS

DUKE ZEPPELIN AND LAFAYETTE

See colored illustration of these two varieties on cover of our new 1904 Catalogue; they are the most brilliant among all the Begonias and invaluable either as pot plants or for bedding.

Duke Zeppelin, Pure Rich Scarlet, 15 cents each; $1.50 per dozen: $12.00 per 100.

Lafayette, Brilliant Crimson Scarlet, 25 cents each; $2.50 per dozen; $18.00 per 100.

NEW HYBRID FRILLED TUBEROUS BEGONIAS

A unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias, 25 cents each; $2.50 per dozen; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well-matured bulbs. Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

MISCELLANEOUS BULBS

	Per doz.	Per 100.	Per 1000
Amaryllis Formosissima	$0.30	$ 2.00	$15.00
Johnsonii	2.00	15.00	
Amorphophalius Rivieri	2.00	15.00	
Caladium, Fancy Leaved, 25 named sorts	1.25	10.00	
Choicest Mixture	1.00	8.00	
Esculentum, 6 to 8-inch bulbs	.40	3.00	
Esculentum, 8 to 10-inch bulbs	.65	5.00	
Esculentum, 10 to 12-inch bulbs	.90	7.00	
Esculentum, 12 to 13-inch bulbs	1.25	10.00	
Hyacinthus Candicans	.30	2.00	
Ismioe Calathina	1.50	10.00	
Lilium Auratum, 8 to 9-inch	.75	5.00	
" " 9 to 11-inch	1.00	8.00	
" " 11 to 13-inch	1.75	14.00	
Lilium Speciosum Album and Rubrum, 7 to 9-inch	.90	6.00	
Gladiolus American Hybrids, choicest mixture	.15	1.00	9.00
Groff's Hybrids, choicest mixture	.35	2.50	22.00
Madeira Vines	.30	2.00	15.00
Montbretias, 5 choice named varieties	.25	1.75	12.50
Tigridia Conchiflora Grandiflora Alba and Pavonia	.30	2.00	15.00
Tuberoses, Double Pearl, selected, 6 to 8-inch	.20	1.00	8.00
Double Pearl, fine, 3 to 4-inch	.10	.60	5.00

For a complete list of all seasonable Bulbs, including the best list of up-to-date Dahlias, see current Wholesale Price List.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

ROOTED CUTTINGS

COLEUS, Verschaffeltii, Golden Bedder and Firebrand	$0.75	per	100
	6.00	"	1000
Ten best sorts, bright colors, in variety	.60	"	100
	5.00	"	1000
CUPHEA, CIGAR PLANT	.60	"	100
SALVIAS, Splendens and Bonfire	1.00	"	100
	9.00	"	1000
HELIOTROPES, Light and dark	1.00	"	100
	9.00	"	1000
AGERATUM, Stella Guerney	.60	"	100
	5.00	"	1000
LOBELIAS, Fancy Blue (the best)	.60	"	100
	5.00	"	1000
WATER IVY	.60	"	100
SWEET ALLYSUM, Giant Double	.60	"	100
	5.00	"	1000
MARGUERITES, White and Yellow	1.00	"	100
CHRYSANTHEMUMS, "Estelle," the best Early White, true stock	1.50	"	100
	12.00	"	1000

All strong, well rooted; well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage.

Cash with order, please.

"CRITCHELL'S," AVONDALE, CINCINNATI, O.

Mention Review when you write.

SURPLUS CARNATIONS

SAND-ROOTED

Subject to Examination.

	100	1000		100	1000
White Cloud	$1.50	$12.50	Lawson	$2.25	$20.00
Queen Louise	1 75	15.00	Crane	2.25	20.00
Prosperity	2.25	20.00	Joost	1.50	15.00
Bradt	2.25	20.00	Enchantress	6.00	50.00

250 at 1,000 rate. Cuttings sent C.O.D. or cash with order. Marie Louise Violet Cuttings, sand rooted, after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.

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Rooted Carnation Cuttings.

SPECIAL LOW PRICES FOR TEN DAYS.

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$10.00	$40.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.25	10.00	40.00
RED.			
G. H. Crane	2.00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18.00	80.00
Mrs. Palmer	2.00	18.00	80.00

WHITE.	100	1000	5000
Flora Hill	$1.25	$10.00	$10.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Gov. Wolcott	3.50	27.00	125.00
LIGHT PINK.			
Enchantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50	per 100;	$12.50	per 1000	
Maid	1.50	"	12.50	"	
Golden Gate	$1.50	per 100;	$12.50	per 1000	
Ivory	1.50	"	12.50	"	

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Carnations

WELL ROOTED AND HEALTHY

Boston Market	$3.00	per 100
Lawson	3.00	"
Maceo	2.00	"
Wolcott	5.00	"

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12 50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2½-inch pots, ready for a shift. $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

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DECORATIVE PLANTS

PALMS

ARECA LUTESCENS.

	Plants in pot.	In. high.	Per doz.	100
3-in. pots,	2	12 to 15	$1.25	$10.00
4-in. "	3	15 to 18	3.00	20.00
5-in. "	3	18 to 24	5.00	40 00
6-in. "	3	28 to 30	1.00 each.	
7-in. "	3	30 to 36	1.50 "	
8-in. "	3	36 to 42	2.50 "	
10-in. "	3	48 to 54	10.00 "	

COCOS WEDDELIANA.

A grand lot of 3-inch pots, 10 to 12 inches nigh, $2.00 per dozen, $15.00 per 100, $140.00 per 1000.

LATANIA BORBONICA.

	Leaves.	In. high.	Per doz.	100
3-in. pots,	5 to 6	12 to 15	$1.00	$8.00
4-in. "	5 to 6	15	2.50	20.00
6-in. "	5 to 6	18 to 20	6.00	50.00

KENTIA BELMOREANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00

KENTIA BELMOREANA.

	Leaves.	In. high.	
6-in. pots,	6	20 to 26	$1.00 each.
6-in. "	6	28 to 30	1.25 "
6-in. "	6 to 7	30 to 36	1.50 "
7-in. "	6 to 7	30 to 36	2.00 "
8-in. "	6 to 7	36	2.50 "

KENTIA FORSTERIANA.

	Leaves.	In. high.	Per doz.	100
2¼-in. pots,	4	8 to 10	$1.25	$10.00
3-in. "	5	12 to 15	2.00	15.00
4-in. "	5 to 6	15 to 18	4.50	35.00
6-in. "	6	28 to 30	1.00 each.	
6-in. "	6	30 to 32	1.25 "	
6-in. "	6	32 to 36	1.50 "	
7-in. "	6	36	2.00 "	
8-in. "	6	42	2.50 "	
8-in. "	6 to 7	4 ft. high.	4.00 "	
8-in. "	6 to 7	4 to 4½ ft. high.	5.00 "	
9-in. "	6 to 7	5½ to 6 "	6.00 "	
10-in. "	6 to 7	5½ to 6 "	7.50 "	
10-in. "	6 to 7	5½ to 6 "	10.00 "	
10-in. "	6 to 7	6 "	12.50 "	
12-in. tubs,	6 to 7	7 "	20.00 "	
12-in. "	6 to 7	7 to 8 "	25.00 "	

MADE-UP KENTIA FORSTERIANA.

	Plants in pot.	In. high.	Per doz.	100
4-in. pots,	3	15	$4.00	$30.00
5-in. "	3	18 to 20	6.00	50.00
12-in. "	3 to 4	5½ to 6 ft. high,	12.50 each,	
	Plants in tubs.	Ft. high.	Each.	
12-in. tubs,	3 to 4	6 to 7	$15.00	
12-in. "	3 to 4	7 to 8	20.00	

The plants at $15 00 and $20.00 each are the best values we have ever sent out in decorative plants. They will be found an excellent investment.

PHOENIX CANARIENSIS.

A fine lot of shapely, well-furnished plants of this useful, hardy decorative Palm in light wooden tubs, 3 feet high, $5.00 each.

FERNS FOR DISHES.

	For immediate use.	100	1000
2¼-inch pots, assorted varieties....		$3.00	$25.00
3-inch " " "		6.00	

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

PORTLAND, ORE.

Local reports and those by wireless telegraphy from Salem, Oregon City, Montavilla and Albina all indicate a brisk demand for cut flowers. There is nothing going begging now. Our chief anxiety in the past two weeks has been how to get enough stock to do justice to our patrons. Landslides on the Southern Pacific seriously affected traffic and for several days consignments from California were of no commercial value when received. Our growers have also had their troubles, for it has rained successively for forty days and forty nights. Only for a few minutes at a time and with long intermissions has the sun consented to smile on us. While the present atmospheric conditions are not conducive to producing roses and carnations, yet I venture to state that in no other part of the country can bulbous stock be grown to such perfection as here. There is a fine supply and all of the highest grade and some very pretty window decorative effects are seen.

St. Valentine's proved a red letter day to the florists. Experience has taught us that we can arouse public sentiment by introducing appropriate novelties, and sales were far in advance of those of a year ago. And then came the Chinese New Year, which is celebrated for a whole week by our 3,000 Mongolian inhabitants. The Jap may be the better fighter, but the Chinaman spends more liberally for flowers. The azalea is a favorite with them and we make it a point to be well supplied for that special occasion, as they willingly pay from $2 to $5 for a plant.

Since my last writing we have been favored with several distinguished visitors. W. G. Schucht, representing C. C. Pollworth Co., is making his first trip to the coast and is booking some fat orders for plants and wire goods. He was followed closely by Arnold Ringier, in the interests of Barnard & Co., who visits us regularly once a year. The genial Arnold, with his rare gift for story telling, is very popular on the coast.

We were also pleased to receive a call from Sam Murray, the well-known florist of Kansas City, Mo., who is touring the west. He leaves here for California, where we hope he will be more favorably impressed with the western climate.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Cramphell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100: **$17.50** per 1000.

CASH WITH ORDER.

The Livingston Seed Co , Columbus, O.
Box 104.

Mention The Review when you write.

CHRYSANTHEMUMS.

	Delivery to April 1. Per 100.	April and May Delivery, Per 100.
Mrs. Coombes	$3 00	$2.00
Yanariva	2.00	1.50
Alice Byron	6.00	4.00
Mme. Cadbury	6 00	4 00
Mrs. Trantor, pure white	4 00	3 00
Adrian	2.00	1 50
Mrs. Robinson ex. fine stk	1.50	1.25
Mrs. F. J. Taggart	2.00	1.50
F. J. Taggart	6 00	4 00
Robt. Halliday	2.00	1 50
Mrs. H. Emmerton	8 00	6.00

Prices are for rooted cuttings. Prompt shipment.

Orders booked for later delivery, not less than 25 of a kind at above rates. Send for price list of other varieties.

W. A. CHALFANT, Springfield, Mo.

Mention The Review when you write.

CHRYSANTHEMUM STOCK PLANTS.

Bergmann, Lady Harriet, Glory of the Pacific, Polly Rose, R. Halliday, Bassett, H. Robinson, The Queen, Ivory, F. Pullman, Perrin, J. Jones, Timothy Eaton, H. H. Rieman, 60c per doz. **Rooted Cuttings**, $1 50 per 100.

W. W. STERTZING, MAPLEWOOD P. O St. Louis, Mo.

Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18 00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2-in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

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NEW PINK CHRYSANTHEMUM AMERICAN BEAUTY

CERTIFICATE C. S. A.

ORIGINATED in this country three years ago. It has shown to possess all the qualities required by a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent. Color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later.

Price each 50c
Per dozen $5 00
Per 100 ..... $30.00

ROOTED CUTTINGS

Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King Mme. Diederichs.

Per 100 ..... $6.00

Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Bonita, Yanoma, Orizaba, Lincoln, Monrovia, John Shrimpton, G. W. Childs, Nagoya, Rieman, Mrs. Coombe.

Rooted Cuttings from sand, per 100.. $2.00
" " " " " 1000.. $18.00

Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Walter Molatsch, Robt. Halliday, Mme. Bergmann, Glory of the Pacific, Polly Rose, Ivory, pink and white; Willowbrook, Helen Bloodgood, Col. D. Appleton.

Per 100 ..... $1.25
Per 1000 ..... $10.00

Cash with order, please.

G. F. NIEPP, Aqueduct, L.I., N.Y.

Jamaica Post Office, Woodhaven Station.

PEERLESS SULPHUR BLOWER.

"A great improvement over the bellowa."
Price, $4.00 F. O. B. Chicago.

McMORRAN & CO., 15-21 N. Clinton St., CHICAGO, ILL.

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LOOK THIS ADV. OVER—

Asparagus Plumosus Nanus,

The true Nanus. There's lot of difference, per 1000, $6.50; per 5000, $30.00.

IMPROVED SHASTA DAISY SEEDS, per 1000, $1.00; per 5000, $4.00.

IMPROVED SHASTA DAISY PLANTS.....per 1000, $20.00; per 5000, $50.00.

HAND HYBRIDIZED CARNATION SEED, per 100, $1.00; per 1000, $9.00.

SMILAX SEED.....per oz, 25c; per lb., $2.00

GIANT PANSY SEED.....per oz., 4.00

WASHINGTON NAVEL ORANGE, specimen plants, 4 ft. high, $2.00 each. Try a few.

NEW PHENOMENAL RASPBERRY. From 12 plants last year we sold $24.00 worth of berries. 20 berries fill a quart box. It ships 2000 miles safely. They are the best paying fruit in California to-day, giving over $1200 an acre. Only a few 1000 to spare. Tips, doz, $2.00; per 100, $10.00.

CALIFORNIA POPPY CLUMPS — **Golden Yellow,** better than any tulip, **hardy.** Different from any other poppy grown .....clumps, per doz., $2.00; per 100, $10.00

Cash or C. O. D., with privilege of examining. 25 seeds or plants at 100 rate. 500 at 1000 rate. 2500 at 5000 rate. Express prepaid at above prices.

California Carnation Company, Loomis, Cal.

LOCK BOX 103

...NEW...

Chrysanthemums.

W. DUCKHAM, MILDRED WARE, BEN WELLS, F. A. COBBOLD, S. T. WRIGHT, Mrs. F. W. VALLIS and all other prize winners now ready for immediate delivery.

Grand Stock from 2½-inch pots.

We are Headquarters for these

Wells-Pockett Varieties.

Send for Price List.

CHAS. H. TOTTY - MADISON, N. J.

Mention The Review when you write.

Cycas Revoluta!

For delivery now and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs.,	assorted		**$60.00**
500 "	"	.....	32.50
100 "	"	.....	7.50

Above goods are offered f. o. b. railroad freight depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

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SEASONABLE STOCK.

	Per 100
Geraniums, all leading varieties, mix.. 2½-in.	$2 25
Rose Geraniums, 2½-in	2 50
Ivy Geraniums, 2-in	2 00
Petunias, all colors, mixed, 2-in	2 00
Heliotropes, Jersey Beauty 2-in	2 25
Pelargoniums, mixed varieties, 2½-in	3 00

Rooted Cuttings — Feverfew, Vinca Var., Coleus and German Ivy, $1.00 per 100. Cash please

CONVERSE GREENHOUSES, Webster, Mass.

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50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica,

12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2.50** " **$20** "
20 to 24 inches high.....**$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

FERNS - BOSTON and PIERSONI

POT-GROWN PLANTS. FINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.
Piersoni—2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.
Alternantheras—Red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on larger quantities. CASH WITH ORDER.

DAVIS BROS.,

MORRISON, ILL. — AND — **GENEVA, ILL.**

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in, $6.00 per 100. **Dracæna Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

Mention The Review when you write.

Special Offer

TO MAKE ROOM.

Asparagus Sprengeri, 2-inch....$1.00 per 100
Smilax, 2-inch..... .50 "

Send for **Cryptomeria Japonica** circular we are headquarters for it.

E. I. RAWLINGS, Quakertown, Pa

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ADIANTUMS.

Adiantum Croweanum. Orders booked now for July 1 delivery.
S. S. Penuock, 1612 Ludlow St., Phila.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

ANTIRRHINUMS.

Also a few hundred antirrhinums, very bushy, will give fine flowers for decoration, $2.50 per 100. E. A. Richards, Greenfield, Mass.

ALTERNANTHERAS.

Alternantheras Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 1, $2.00 100. Cash. Jas. H. Cunningham, Delaware, O.

ALYSSUM.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

ARAUCARIAS.

Araucaria excelsa, from 20, 23 to 25 inches high, 6-in. pots, 75c, $1.00 to $1.25 each. Extra large specimens, 8-in. pots, 28 to 35 inches high, 25 to 32 inches across, $2.50 to $3.00 each, worth $10.00 retail; 5¼-in. pots, 40c to 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus for sale, 2 and 3-in., or will exchange for roses and carnations.
Rob't. Buck & Co., Greenfield, Ohio.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

700 Asparagus Sprengeri, 3-inch, $4.00 100. Cash. Wm. Keir, Pikesville, Md.

Spreugeri, from flats, $1.00; 3-in., $4.00 per 100. C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's "White Commercial" is the best commercial aster ever produced. Write for circular and prices.
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100. Aurea manicata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

BEGONIA VERNON, red, white and pink, separate colors and mixed; strong plants from soil, $1.00 per 100; $8.00 per 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Flowering begonias, 20 varieties, 2½-in., at $3.00 per 100; 4-in., $8.00 per 100. Fine stock. Cash, please.
W. T. Stephens & Co., Brookfield, Mo.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Pres. Carnot, 6-in. pots, $2.50 doz., in bud and bloom. Other var. mixed, 4-in., $1.80 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Begonia Vernon, from soil, $1.00 per 100.
Hugo Book, Worcester, Mass.

Rex begonias, 4-in., $6.00; 5-in., $12.00.
W. H. Parsil, Summit, N. J.

BULBS.

Lilium auratum.		12.	100. 1000.
8-9 (130 to case)	$0.65	$4.00	$38.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum album.			
8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum rubrum.			
8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00

Johnson & Stokes, 217-219 Market St., Phila.

Fancy leaved caladiums, rarest and best sorts ever put on the market. Brilliant and exquisite coloring, named sorts, $3.00 doz., $11.00 50, $20.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

We are growers and wholesale dealers in high-class flowering bulbs. Prices, to the wholesale trade only, on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

20,000 dwarf Pearl tuberose bulbs, 4 to 6-in. in circ., at $4.00 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Spotted calla bulbs, $2.00 per 100.
S. J. Galloway, Eaton, O.

CANNAS.

Pres. McKinley	Kronos	Alemannia
Pres. Cleveland	Ad. Dewey	Robusta
Chas. Henderson	Peach Blue	Egandale
Aphonse Bouvier	R. Christy	L. Vaughan
Ex. Crampbell	Defender	Mlle. Berat
Chicago	Elsele	America
Duke Marlboro	Berckmans	Shenandoah
Fl. Vaughan	Alsace	Burbank
Fl. Vaughan (dwarf)	Black Prince	Eldorado
Paul Marquant	Avellan	Mme. Crozy

Empress of India, fine pink.
$1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100	Pres. Cleveland.
Bassett's Red, $3.00 100	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	
Florence Vaughan.	Sonv. de A. Crozy.

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poltevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusts, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

Cannas, fine stock, live and plump; every piece will grow. Absolutely true to name. Order now and have shipment made by freight. Martha Washington, Mlle. Berat, L. Patthey, Francois Ruf, Pres. Cleveland, Chas. Henderson, M. J. Desloges, Duke of Marlborough, at $1.25 per 100, $12.00 per 1000. Alemannia, Burbank, at 75c per 100. Caladium esculentum, 6 to 8-in., $1.25 per 100, $12.00 per 1000. 4 to 6-in., 60c per 100, $5.00 per 1000. Tuberose dwarf Pearl, 4 to 5-in., 50c per 100, $4.50 per 1000. Cash, if you please.
Mrs. Theodora S. Ellis, Griffin, Ga.

The new canna EMIL WIELAND, the best scarlet canna yet produced. Strong plants from 3½-in. pots, 35c each, $3.00 per 10, $25.00 per 100. 50 at 100 rate.
Phoenix Nursery Co., 1408 No. Park St., Bloomington, Ill.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas. Strong tubers, 2 to 3 eyes, all sound, fine stock, $1.00 per 100; $8.00 per 1000. Austria, Burbank, Childsii, Alemannia, Chas. Henderson, Ex. Crampbell. All true to name.
W. R. Gray, Oakton, Fairfax Co., Va.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas Egandale, Burbank, Sonv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 per 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Several thousand cannas, eight varieties, true to name. Would sell cheap or exchange. What have you?
Greenville Nursery & Floral Co., Greenville, Tex.

Cannas, strong plants, 2 to 3 eyes, $2.00 per 100. Cash, please.
B. F. Muschert, Penn Valley, Pa.

20,000 cannas, $1.00 100. Will exchange for other stock.
Burdell Floral Co., Bowling Green, Ky.

Cannas. All the best standard sorts, 30c doz., $2.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

CAREX.

Divided roots of Carex japonica at $1.00 per 100, postpaid.
A. B. Campbell, Cochranville, Pa.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

Pink.	100.	1000.	5000.
Lawson	$1.25	$10.00	$40.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.25	10.00	40.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.25	10.00	40.00
Red			
Crane	2.00	18.00	80.00
Estelle	2.00	18.00	80.00
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
White.			
Hill	1.25	10.00	40.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Wolcott	3.50	27.00	125.00
Light Pink.			
Enchantress	5.50	50.00	200.00
Higinbotham	2.00	18.00	80.00
Morning Glory	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'og G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill	1.50	12.50	G. Angel	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	2.50	25.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.00	9.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.00	9.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	H'lowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	3.00	25.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	2.50	20.00	Armazindy	.90	8.00
P. McK'ley	3.00	25.00	Gaiety	2.00	18.00
Prosperity	1.40	12.00			

25 at 100 rate, 250 at 1000 rate, 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink.	100	1000	White.	100	1000
Lawson	$1.50	$12.50	Murphy's		
Nelson	2.50	20.00	White	$3.00	$25.00
G'n Angel	1.25	10.00	Wolcott	3.50	30.00
H'botham	2.00	15.00	Flora Hill	1.25	10.00
Sybil	3.00	25.00	Wh. Cloud	1.25	10.00
McKinley	3.00	25.00	Peru	1.25	10.00
Joost	1.25	10.00	Q'n Louise	1.25	10.00
Red.			Norway	1.25	10.00
Estelle	2.50	20.00	Gov. L'ndes	3.00	25.00
Mrs. Ine	1.25	10.00	Marion	1.25	10.00
Chicago (Red Bradt)	2.00	15.00	Variegated.		
H'low'den	3.00	25.00	Bradt	2.00	15.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Red—		Dorothy	2.00
Mrs. P. Palmer	3.00	Sunbeam	2.50
J. H. Manley	4.00	Morning Glory	1.50
Oriole	2.50	Mrs. Joost	1.25
G. H. Crane	2.00	Daybreak	1.25
Jubilee	1.50	Wm. Scott	1.25
Portia	1.25	Crocker	1.25
Yellow—		Mermaid	2.00
D. Whitney	5.00	Floriana	1.50
Buttercup	3.00		
Gold Nugget	2.00	Crimson—	
Eldorado	1.25	Harry Fenn	5.00
Variegated—		Gov. Roosevelt	2.50
Prosperity	2.50	Geo. Maceo	1.50
Mrs. G. M. Brudt	3.00		

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

White.	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. M'ket	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Marquis	2.50	20.00
Glacier	2.00	17.50	Dorothy	2.00	17.50
Norway	2.00	17.50	Joost	2.00	17.50
Lorna	2.00	17.50	Nelson	2.00	17.50
W. Cloud	1.50	12.50	Triumph	1.50	12.50
Variegated.			Light Pink.		
Bradt	3.00	25.00	Fairmaid	3.00	25.00
Prosp'ity	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory	2.00	17.50
Stella	2.50	20.00	Success	1.50	12.50
Red.			Crimson.		
Adonis	7.00	65.00	G. R'velt	2.50	20.00
Manley	4.00	35.00	Gomez	1.50	12.50
Estelle	3.00	25.00	Maceo	1.50	12.50
Crane	2.50	20.00			

W. J. & M. S. Vesey, Fort Wayne, Ind.

500,000 unrooted carnation cuttings.

Yellow.	100.	1000.	White.	100.	1000.
G. Beauty	$0.75	$6.00	Q. Louise	$0.55	$5.00
Eldorado	.55	5.00	Norway	.55	5.00
Gold Nugget	.60	5.25	Pink.		
Variegated.			Argyle	.55	5.00
Violania	6.00	50.00	Mermaid	.55	5.00
Field	1.50	12.50	Marquis	.55	5.00
Stella	1.50	12.50	Lawson	1.00	8.00
Bradt	1.00	7.50	Cressbrook	.75	6.00
Armazindy	.55	5.00	Success	1.00	8.00
Scarlet.			Crimson.		
America	.55	5.00	Harlowarden	1.50	12.50
Palmer	.55	5.00	Gen. Gomez	.55	5.00
Apollo	.55	5.00			

Cash or C. O. D. with privilege of examining. Express prepaid at above prices. See displayed adv. for special low price on 5000 of one variety.
California Carnation Co., Box 103, Loomis, Cal.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000.
Also ready now:

Flamingo	The President	Indianapolis
W. Lawson	Mrs. Patten.	J. Hinsdale
N. Fisher		

$12.00 per 100; $100.00 per 1000.

Adonis	Her Majesty	Mrs. T. R'velt
Higinbotham	Harry Fenn	McKinley
Harlowarden	Apollo	Lorna
Stella	Sybil	Pond
Crane	Lawson	Dorothy
M. Field	Lowndes	Wolcott
M. Glory	Gov. Roosevelt	Q. Louise

Send for price list.
F. Dorner & Sons Co., La Fayette, Ind.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$14.00	W. Cloud	$1.75	$15.00
Dorothy	1.50		Hill	1.50	12.50
Joost	1.25	10.00	Crane	1.75	15.00
Marquis	1.50	12.50	Prosperity	1.50	14.00
Glacier	1.75	15.00			

Buckley Plant Co., Springfield, Ill.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lilliac Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Having a surplus of rooted cuttings of Joost carnations, I offer to sell at $1.50 per 100 or exchange for the following varieties: Peru, Her Majesty, America, Roosevelt, Crane or Mrs. H. Weeks mum cuttings; also smilax to sell at $2.00 per 100.
S. S. Brenneman, Webb City, Mo.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt	$2.50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt	2.50	20.00	America	2.50	20.00
W. Cloud	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory	2.50	20.00	G. Nugget	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 70 Wabash Ave., Chicago.

Carnation cuttings. Healthy, well-rooted stock.

	100.	1000.		100.	1000.
Pond	$5.00	$40	Her Majesty	$5.00	$40
Wolcott	4.00		Q. Louise	2.00	18
Enchantress	6.00	50	Queen	5.00	40
Fairmaid	3.00	25	Prosperity	3.00	25
Lawson	3.00	25	Estelle	4.00	30
Adonis	8.00		Nelson	3.50	30
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty	3.00	25
M. Field	5.00		Hill	1.50	12
Joost	1.50	12			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.
Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	—
Mrs. Joost	2.00	15	J. H. Manley	3.00	—

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Crusader	$10.00	$80.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W. Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful	12.00	100.00	Wolcott	4.00	30.00
The Belle	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity	2.00	16.00
Ind'napolia	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Rooted carnation cuttings. INDIANAPOLIS, $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1.50	$12.50	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	H'lowarden	5.00	
H. Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
W. Cloud	1.50	12.50	Hill	1.50	10.00
Q. Louise	1.50	12.50	Palmer	1.50	12.50
			Mrs. Ine	1.25	9.00

Cash with order, please.
John Brod, Niles Center, Ill.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market, $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

	100.	1000.		100.	1000.
Queen	$3.75	$37.00	Lawson	$1.60	$14.50
Enchant.	5.00	45.00	Prosperity	1.60	13.50

All other varieties at equally low prices. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

CARNATIONS—Continued.

Rooted carnation cuttings ready for immediate shipment.

	100	1000
Judge Hinsdale (Ward), white..	$12.00	$100.00
The President (Ward), crimson..	12.00	100.00
Ethel Ward (Ward), rose-pink..	12.00	—
Mackinac (Ward), white	10.00	75.00
Christmas Eve (Ward), scarlet..	10.00	—

5 per cent off for cash with order. Catalogue mailed upon application.
Cottage Gardens, Queens, N. Y.

Carnation cuttings, healthy, well-rooted stock.

	100	1000		100	1000
McKinley ..	$4.50	$40.00	Pond	$5.00	$45.00
Lawson ...	2.50	20.00	Wolcott ...	3.50	30.00
Hig'botham	1.50	12.50	F. Hill....	1.50	12.00
Fairmaid ..	3.00	25.00	Success ...	3.00	25.00
G.Roosevelt	2.50	20.00	Floriana ..	2.00	15.00
H'lowarden	5.00	45.00	Crocker ...	2.00	15.00
M. Naylor.	4.00	35.00	Prosperity..	3.00	25.00

E. T. Grave, Richmond, Ind.

WESTERN GROWERS, TAKE NOTICE.
SPECIAL PRICES.
Healthy, well-rooted carnation cuttings.

	100		100
Gov. Wolcott	$3.00	McKinley	$3.00
Estelle	2.00	Mary Wood.....	1.50
Lawson	1.50	Scott	1.00
Prosperity	2.00		

Extra strong stock.
Wm. L. Rock Flower Co., Kansas City, Mo.

Rooted carnation cuttings.

	100	1000		100	1000
Enchant ...	$6.00	$50.00	Marquis ...	$2.00	$17.50
Wolcott ...	4.00	35.00	G.Roosevelt	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	15.00
Estelle	3.00	25.00	Lorna	2.00	15.00
Crane	2.50	20.00	Q. Louise...	2.00	17.50
Lawson ...	2.50	20.00	Triumph ..	1.50	12.50
Glacier ...	2.50	20.00			

BELL MILLER, Springfield, Ill.

Rooted carnation cuttings. Enchantress, $6.00 100, $50.00 1000. Lillian Pond and The Queen, $5.00 100, $40.00 1000. These are extra strong and well rooted.
Larchmont Nurseries, Larchmont, N. Y.

Carnation cuttings.

	100	1000		100	1000
Enchantress .	$6.00	$50	Challenger ..	$2.50	$20
Queen	5.00	40	Fair Maid ...	3.00	25
Lillian Pond.	5.00	45	Harry Fenn..	5.00	40
Prosperity ..	2.50	20	Gen. Maceo..	2.50	20
Lawson	2.50	20	Q. Louise....	2.00	15
Cressbrook ..	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise..	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt..	6.00	50.00
Lawson ...	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	—

Isaac H. Moss, Govanstown, Md.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson ...	$2.50	$20.00	G. Angel...	$2.00	$15.00
Fairmaid ..	2.50	20.00	Enchantress	6.00	50.00
Marquis ...	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnations. Strong plants, clean and well rooted. Stock in perfect shape and ready to ship.

	100	1000		100	1000
Hill	$2.50	$20.00	The Sport..	$2.50	$20.00
Lawson ...	3.00	25.00	Hig'botham	3.00	25.00
Pern	3.00	25.00	W. Cloud..	2.50	20.00
America ..	2.50	20.00	500 at 1000 rate.		

Sinner Bros., 58 Wabash Ave., Chicago.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Carnations, sand-rooted cuttings.

	100	1000		100	1000
W. Cloud..	$1.50	$12.50	Prosperity	$2.25	$20.00
Q. Louise.	1.75	15.00	Lawson ..	2.25	20.00
Bradt	2.25	20.00	Crane	2.25	20.00
Joost	1.50	15.00	Enchant ..	6.00	50.00

250 at 1000 rate. Cash or C. O. D.
A. Laub & Son, Hughsonville, N. Y.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Belle, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

Rooted cuttings. Thos. W. Lawson, now ready. My stock is clean and healthy. No stem-rot. I take cuttings from flowering wood only. Reference: Mr. Geo. Saltford, 46 W. 49th St., N. Y., as to quality of stock. $3.00 per 100; $25.00 per 1000.
V. Hugo Pilat, Ossining, N. Y.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud.....	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson ...	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant ..	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer ...	2.50	
Norway ..	2.00	15.00	M. Glory..	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Rooted carnation cuttings. Special prices.

	100	1000		100	1000
Wolcott ...	$3.50	$25.00	Joost	$1.50	$12.00
Lawson ...	1.50	12.00	Pond	3.00	25.00
Palmer	1.50	12.00	H'botham .	1.50	12.50
Prosperity ..	2.00	18.00	Lorna	2.50	20.00

Poehlmann Bros. Co., Morton Grove, Ill.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.
H. Weber & Sons, Oakland, Md.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Pern	$2.00	$15.00	Lawson ...	$2.50	$20.00
Hill	1.50	12.50	W. Cloud..	1.50	12.50
America ...	2.50	20.00	Estelle	3.00	25.00

H. Hansen, 4016 No. Clark St., Chicago.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crown Point Floral Co., Crown Point, Ind.

AMAZE is a grand red carnation; brilliant color; lasting qualities and a wonderful bloomer. No shading required. Rooted cuttings, $10.00 100, $75.00 1000.
Jerome A. Suydam, Flatbush, N. Y.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Pern, $1.00 100. Enchantress, 2-in., $8.00 100.
W. W. Coles, Kokomo, Ind.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Blatchley, Plantsville, Conn.

Rooted cuttings of Gen. Maceo, $1.50 100, $12.50 1000, or will exchange for fuchsias, coleus, verbena cuttings or dbl. petunias. Write what you have.
Frank T. White, Holbrook, Mass.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.
Sidney Littlefield, North Abington, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

ROOTED CARNATION CUTTINGS.

	100		100
Enchantress	$5.00	Fair Maid.....	$2.50
Queen	4.00	Lawson	2.50

H. F. Littlefield, Worcester, Mass.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000.
F. Dorner & Sons Co., Lafayette, Ind.

Carnation rooted cuttings. 800 Lawson, 800 Prosperity, 500 Marquis, 500 F. Hill and 1000 Joost, $1.00 per 100; $9.00 per 1000.
E. B. Lewis, Lockport, N. Y.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.
C. C. Pollworth Co., Milwaukee, Wis.

Mrs. Fisher, best standard white for summer flowering. Strong rooted cuttings, $1.25 100; $10.00 1000. A. Christensen, Stoneham, Mass.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations. Rooted cuttings of Prosperity at $2.25 per 100, by mail postpaid.
A. B. Campbell, Cochranville, Pa.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Bernheimer, 11 So. 16th St., Phila.

Carnations, Joost, transpl. from flats, extra fine, $1.25 per 100, prepaid.
G. A. Thiele, Frankford, Phila., Pa.

Joost and Hill rooted cuttings, 75c 100. Will exchange other stock.
Burdell Flo. Co., Bowling Green, Ky.

FAIR MAID, $2.50 a 100. Write for other varieties; also unrooted.
Otto Bourdy, Lowell, Mass.

CHRYSANTHEMUMS.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Bonita, Yanoma, Orizaba, Lincoln, Monrovia, John Shrimpton, G. W. Childs, Nagoya, Rieman, Mrs. Coombes, from sand, $2.60 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Nivens, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Walter Molatsch, Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, pink and white; Willowbrook, Helen Bloodgood, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Chrysanthemums. Wm. Duckham, grand stock, 3-in. pots, 75c each, $7.00 doz. Souvenir de Calvat, 50c each, $5.00 doz. Josephine Rousset, Mlle. V. Morel, 25c each. Loveliness, 15c each. Mrs. H. V. Casey, M. Richardson, Durban's Pride, C. J. Salter, F. S. Vallis, $1.00 doz. Mrs. J. Jones, R. C., $1.25 100. Mlle. M. Liger, R. C., $3.00 100.
G. A. Lotze, Jr., Glen Burnie, Md.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Bergmann, Lady Harriett, Glory of Pacific, Polly Rose, R. Halliday, Bassett, H. Robinson, The Queen, Ivory, F. Pullman, Perrin, J. Jones, T. Eaton, H. H. Rieman, 60c doz.; rooted cuttings, $1.50 100. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.
Chase & Son, New London, O.

Chrysanthemum rooted cuttings. Orders booked now for April and May delivery. Send for price list of varieties.
W. A. Chalfant, Springfield, Mo.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Mums. Rooted plants of Glory of Pacific, $1.25 100; T. Eaton, $1.50 100. Both by mail, postpaid. A. B. Campbell, Cochranville, Pa.

Mums. 2½-in. T. Eaton and Col. Appleton, $2.00 per 100. Glory of Pacific, $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

Chrysanthemums, young plants, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Cinerarias, 6-in., in bloom, now or for Easter, $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis paniculata, 2½-in., $3.00 100; 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Clematis coccinea, $40 to $45; cripa, $35 to $40 per 1000. William Tell, Austin, Tex.

Clematis, 6 distinct kinds, 2-year, $2.00 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus in assortment, 2-in., $2.00 per 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy, but very finely mottled) in assortment, 50c per doz.; separate, 60c.
N. O. Caswell, Delavan, Ill.

Strong, well-rooted cuttings of coleus—Golden Bedder, Crimson Verschaffeltii, Fire Brand and Rainbow, 75c per 100, $6.00 per 1000. Cash with order, please.
Hugo Book, Worcester, Mass.

Coleus in 10 varieties, 2-in., 35c doz. Rooted cuttings, 75c per 100. Fine assortment.
Elmhurst Nursery, Argentine, Kan.

12 good var., 2-in. pots, $2.00 100. Rooted cuttings at 70c 100, $6.00 1000. Cash.
J. H. Fiesser, 415 Summit Av., W. Hoboken, N. J.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write
Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus cuttings, 10 varieties, $8.00 per 1000.
The McGregor Bros. Co., Springfield, Ohio.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus, 10 var., 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus cuttings, 6 leading varieties, $7.00 per 1000.
J. C. Murray, Florist, Peoria, Ill.

Coleus. 15 var., 2-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1000 lbs., assorted, $60.00; 500 lbs., $32.50; 100 lbs., $7.50.
F. W. O. Schmitz, Prince Bay, N. Y.

CYCLAMEN.

Cyclamen giganteum, twice transplanted, 6 to 9 leaves in four different colors, $4.00 per 100, prepaid.
G. A. Thiele, Frankford, Phila., Pa.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
Lehuig & Winnefeld, Hackensack, N. J.

Cyclamen, in bud and bloom, 4-in., $2.00 doz. Godfrey Aschmann, 1012 Ontario St., Phila.

DAHLIAS.

Dahlias. Mrs. Winters, the world's best white, $18.00 per 100. Ingeborg Egeland, the best scarlet cactus, $5.00 per doz. Up-to-date standard varieties, $6.50 per 100.
Send for catalogue of dahlias, hollyhocks and hardy herbaceous plants.
W. W. WILMORE, Dahlia Specialist, Box 382, Denver, Colo.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer at $5.00 per 100. Can furnish in large quantity.
O. B. STEVENS, Shenandoah, Iowa.

Dahlias. Seedsmen looking for good stock to catalogue in their spring lists will find that it will pay them to send for my trade catalogue. I am listing 75 named varieties. My stock is strong, separated clumps, fit for any wholesale or retail trade.
J. K. Alexander, East Bridgewater, Mass.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting, 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.
HENRY A. DREER, Philadelphia, Pa.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Single dahlias—mixed—size of pot-grown roots—extra fine strain—almost endless variety of form and color—$1.50 per 100; $10.00 per 1000. Very small roots, half price. Cash.
Wm. F. Bassett & Son, Hammonton, N. J.

Dahlia roots, $5.00 100; $40.00 1000. Plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, 25 named varieties. Good tubers. Fine for cut flowers; show, cactus and pompons. Named var., $5.00 per 100. Mixed var., $4.00 per 100. Elmhurst Nursery, Argentine, Kan.

Dahlias. A fine collection of show, decorative, cactus and pompoos. Field-grown roots, $6.00 per 100, $50.00 per 1000. Send for list.
Vick & Hill Co., Rochester, N. Y.

Dahlias. Choice crowns of Nymphaea, A. D. Livoni, Snowclad, Prince Charming, Strahlen Krone and others. $2.00 100, $15.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Large field-clumps, named or separate colors, 75c doz., $5.50 100, $50.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Dahlias, large field-grown clumps of finest mixed, $2.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dahlias, 10 of the finest forcing varieties, $1.00 doz., $7.00 100.
H. F. Michell Co., 1018 Market St., Phila.

Single Dahlias, sep. colors, mixed, $3.00 100. Cash, please.
H. Ernst & Son, Washington, Mo.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Improved Shasta daisy plants, $20.00 1000, $50.00 5000; 500 at 1000 rate, 2,500 at 5000 rate. Cash or C. O. D. with privilege of examining. Express prepaid at above prices.
California Carnation Co., Box 103, Loomis, Cal.

Daisies. Strong September transplanted English daisies (Snowball and Longfellow), wintered in frames and now in bud and bloom, fine for Easter, at $1.00 100; $7.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Marguerite rooted cuttings, strong, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Improved Shasta daisy plants, $18.00 1000. Express prepaid.
The Knoll Nurseries, Loomis, Cal.

DRACÆNAS.

DRACAENA INDIVISA.

3-inch pots, $9.75 doz	$ 6.00 100
4-inch pots, 2.00 doz	15.00 100
5-inch pots, 2.50 doz	20.00 100
6-inch pots, 3.50 doz	25.00 100

HENRY A. DREER, Philadelphia, Pa.

Dracaena Bruanti, 6-in. pots, 20 to 25 in. high, 35c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
Harvey B. Snow, Camden, New York.

Dracaenu Indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, strong 4-in., $6.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Dracaena Indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

EASTER PLANTS.

Japan dbl. fl. cherries, pot grown, fancy twisted, 75c each, $7.50 doz. Multigrafted maples, various sorts on one stem. Atropurpureum sanguineum, variegated, etc., 50c each, $5.00 doz. Grafted on two stems, figured, 60c each, $6.00 doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

We have the largest stock of EASTER PLANTS in the U. S. See our displayed adv.
Godfrey Aschmann, 1012 Ontario St., Phila.

FERNS.

CIBOTIUM SCHIEDEI.

Do not be without this beautiful fern. Only a small quantity left. Fine healthy stock. 3-in., $30.00 per 100, 25 at 100 rate; 10-in., extra large specimens, $4.50 each, $50.00 per doz.

FERN SPORES.

Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
ANDERSON & CHRISTENSEN,
Telephone Call 29-1. Short Hills, N. J.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

ADIANTUM CUNEATUM. A large stock in prime condition.

3-inch pots	$ 6.00 per 100
4-inch pots	10.00 per 100
5-inch pots	15.00 per 100
6-inch pots	25.00 per 100

HENRY A. DREER, Philadelphia, Pa.

Nephrolepis exaltata Bostoniensis. We are booking orders now for spring delivery. Place your order and secure stock. Have a few thousand ready for immediate delivery. Nice, young plants, $15.00 per 1000. Send P. O. orders on Little River. Soar Bros., Little River, Fla.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-inch., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Ferns—	100	1000
Anna Foster, 2½-in	$4.00	$35.00
Anna Foster, 3-in	6.00	
Boston, 2½-in	4.00	35.00
Boston, 3-in	6.00	

VICK & HILL CO., Rochester, N. Y.

Bostoniensis, 2¼-in., strong, $4.00 100; from bench, ready for 4-in., $10.00 100. Piersoni, 2¼-in., strong, $10.00 100; from bench, ready for 4-in., $25.00 100.
Nathan Smith & Son, Adrian, Mich.

CHEAP. To make room, will sell 1200 pteris cretica in 2-in. pots, A 1 stock, at $2.00 100, in lots of 400.
Ridge Lawn Greenhouses, Pine Ridge, Buffalo, N. Y.

Boston ferns at half price, 5 and 6-inch pots, per 100, $16. Plants ready for 3-in. pots, 3c each. Asparagus Sprengeri, 4-in., $4.50 100. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

Japanese fern balls, 1st size, 5 inches, 20c each, $2.25 doz., $14.00 100. Extra large, 7 to 8 inches, 35c each, $3.00 doz., $22.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns, 2½-in. ..... $4.50 per 100
3-in ..... 7.00 per 100
4-in ..... 12.50 per 100
J. C. Murray, Florist, Peoria, Ill.

JAPANESE FERN BALLS, 7 to 9 inches. In prime condition, $3.00 per doz, $25.00 per 100.
HENRY A. DREER, Philadelphia, Pa.

Japanese fern balls, 7x9-in., grown one year in Japan, 30c each, $3.00 doz., $22.50 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns, 2½-in., $4.00 100; 3-in., $8.00; 4-in., $12.50; 5-in., $25.00; 6-in., $40.00.
W. H. Gullett & Sons, Lincoln, Ill.

1000 fine Piersoni in 3-in. at $20.00 per 100—ready for 4-in. Healthy, clean stock.
Wm. L. Rock Flower Co., Kansas City, Mo.

A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 4-in., 8c; 2½-in., 3c; 6-in., 25c. Piersons, 3-in., 12c.
Benj. Connell, West Grove, Pa.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Ferns. Cyrtomium falcatum, strong, 2-in., $5.00 per 100.
S. Muir, 3330 Michigan Ave., Chicago.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, strong 4-in., $12.00 and $15.00 per 100.
CHICAGO CARNATION CO., Joliet, Ill.

50,000 Pierson ferns, 2½-in., $8.00 100; $75.00 1000. Good & Reese Co., Springfield, O.

Fresh imported fern balls, 5-7 and 7-9 inches. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Boston ferns, 2½-in., 3c; 3-in., 5c; 4-in., 10c, 5-in., 25c. W. W. Coles, Kokomo, Ind.

Piersoni and Bostons. Correspondence solicited. John Bader, Troy Hill, Allegheny, Pa.

Boston ferns, from bench, for 5-in., 8c. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, strong 2½-in., $4.00 per 100.
Krueger Bros., Toledo, O.

FEVERFEW.

Feverfew Little Gem, $1.00 100, by mail.
S. W. Pike, St. Charles, Ill.

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Forget-me-nots, large-flowering, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

FUCHSIAS.

Fuchsia Black Prince, Carmen Sylva, Marenga, Speciosa, Early Dbl. White and several other desirable varieties. 2-in., $2.00 per 100; also few novelties. For prices write. R. C. of above named varieties ready March 1 at $1.25 per 100. N. O. Caswell, Delavan, Ill.

Fuchsias, including Dreer's, E. G. Hill, Black Prince and others, from soil, $1.75 per 100. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

Fuchsias, good sorts out of 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Fuchsia Little Beauty, 2½-in., $5.00 100. Elm City, 2½-in., $2.50 100.
J. A. Keeney, Monongahela, Pa.

Fuchsias, in variety, 2¼-in., 50c doz., $2.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsias, best kinds, $1.00 100, by mail.
S. W. Pike, St. Charles, Ill.

Fuchsias, assorted, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

GERANIUMS.

Geraniums, fine 2½-in., September struck—Jean Viaud, Beaute Poitevine, J. J. Harrison, S. A. Nutt, Mrs. A. Blanc, Heteranthe, Col. Barrie, Bellerophon, La Constable, $2.50 per 100; $20.00 per 1000. A. H. Trego, $5.00 per 100.
J. Sanstrom, Momence, Ill.

Geraniums J. Viaud, Nutt, Ricard, Harrison, Dbl. Grant, Dbl. Kelway, Single Kelway, Dbl. White, Poitevine, Fleur Poitevine, Single Dryden, Bellerophon, Clyde, E. G. Hill, John Doyle, 2¼-in., $2.00 100; $15.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Salleroi, Bismarck and 10 hedders, 2½-in., at low price. Roney Bros., West Grove, Pa.

GERANIUMS—Continued

Geraniums, $2.00 per 100, $20.00 per 1000, 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants.

Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums from 2¼-in. pots. Double Grant, the best scarlet bedder; S. A. Nutt and Mme. Thibaut, $2.00 per 100, $18.00 per 1000. Sweet scented geraniums, strong rooted cuttings, $1.25 per 100. Cash with order, please.

H. Book, Worcester, Mass.

Geraniums, strong stocky cuttings, $2.00 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevalliere, Jean Viaud, A. Ricard, Beaute Poitevine, F. Perkins, Dryden, Mme. Landry and Mme. Jaulin. Cash or C. O. D.

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.

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Geraniums, 6 good varieties; strong plants ready for 4-in., $2.50 100, $20.00 1000; rooted cuttings, $1.25 100, $11.00 1000. Rooted cuttings of Mme. Salleroi, $1.00 100, $9.00 1000.

Krueger Bros., Toledo, O.

Geraniums. Rooted cuttings of Gen. Grant, S. A. Nutt, Mrs. E. G. Hill, $1.00 100; $9.00 1000; the above, also La Favorite, from 2¼-in. pots, $2.00 100, $18.00 1000. Cash.

J. Ambacher, West End, N. J.

Geraniums, fine and strong, 2¼ and 2½-in. pots, $2.50 per 100. Jean Viaud, S. A. Nutt, Bruant, La Favorite and others. Cash.

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Geraniums from 2¼-in. pots, $2.00 per 100—Ricard, Hill, Bruant and De Castellane. Satisfaction guaranteed.

S. M. Harbison, Danville, Ky.

Geraniums, leading var., 2½-in., $2.25 100. Rose geraniums, 2½-in., $2.50 100. Ivy, 2-in., $2.00 100. Cash.

Converse Greenhouses, Webster, Mass.

Geraniums. Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 100.

Buckley Plant Co., Springfield, Ill.

Ivy geranium Chas. Turner, the best under cultivation, strong 2¼-in., ready for 3-in., $2.00. R. C., $1.00 per 100. Cash.

N. P. Colberg, Morris, Ill.

Geraniums, best bedders, and Mme. Salleroi, $1.25 100; Happy Thought, $2.00 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums S. A. Nutt, Poitevine, Ricard, Grant and others from soil, per 1000, $12.00.

B. Merkel & Sons, Carlstadt, N. J.

Geraniums, scarlet, 2½-in., strong, $2.00 100. Pennyroyal, scented, 2½-in., $2.50 100.

Otis F. Searles, L. B. 288, Nashua, N. H.

1000 S. A. Nutt, 2-inch, $2.50 100. 500 Double Gen. Grant, 2-inch, $2.50 100. Cash.

Wm. Keir, Pikesville, Md.

Geraniums, S. A. Nutt, Buchner, B. Poitevine, $2.50 per 100. Cash, please.

B. F. Muschert, Penn Valley, Pa.

Single and double geraniums, mixed, $1.50 per 100.

The McGregor Bros. Co., Springfield, Ohio.

Geraniums and rose geraniums, 2-in., $2.00 100. E. B. Randolph, Delavan, Ill.

Geraniums, 10 var., fine, 2½-in., $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

GLADIOLI.

To dispose of my entire stock of gladioli bulbs at once, will make the following low prices: Groff's Hybrids (guaranteed genuine), 1-in. and over, $6.00 per 1000; under 1-in., $3.00 per 1000. Ideal Mixed, two-thirds of above prices. Bulblets, Groff's, $1.25 per qt. Ideal Mixed, 90c per qt. (Will run about 3000 to the qt.) Seed saved from the choicest marked flowers of Groff's, Childsi and Gandavensis vars., 10c pkt., 4 pkts. 25c. Bulbs by express at buyer's expense. Bulblets and seed by mail postpaid. Cash.

Edgar P. Wultz, Akron, Ohio.

Mixed gladioli, about one-half choice Groff's hybrids, others selected from best of different strains. Large range of colors and markings.

	Per 100	Per 1000
Light and white	$ 1.25	$10.00
Medium and dark	1.00	8.00
All colors	.80	6.00
10,000		5.00

F. A. Rowe, Conneaut, O.

Gladioli, American hybrids. 60 per cent white and light.

	12	100	1000
1st size	$0.15	$1.00	$8.50
2nd size	.10	.75	6.50
Augusta, white with blue anthers	.60	4.00	35.00
May, white and rose	.25	1.75	15.00
Shakespeare, white and pink	.80	5.50	50.00
Choicest mixture, white and light	.30	2.00	17.00

H. H. Berger & Co., 47 Barclay St., N. Y.

GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.

It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.

"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue, free.

ARTHUR COWEE, Meadowvale Farm, Berlin, N. Y.

Gladioli bulbs. Shakespeare No. 1 and No. 2 Augusta No. 1, May, E. Scribe No. 1, Ben Hur No. 1 and No. 2, Mrs. Beecher No. 1 and No. 2, No. 1900 No. 1 and No. 2, fine florists' variety, white and light No. 1, choice mixed No. 1 and No. 2.

John Fay Kennell, Box 405, Rochester, N. Y.

Chase's XXX selection—White, light and fancy colors, large flowering, mixed, 7 to 8-in., $3.00 per 100; $25.00 per 1000. 5 to 7-in., $2.50 per 100; $20.00 per 1000.

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Gladioli Shakespeare, Augusta, May, white and light, best mixed, Groff's Hybrids, etc. Selected bulbs for florists' use.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Gladiolus May, size 1 to 1⅝, fine for spring planting; also Groff's Hybrids. $5.00 1000. Cash.

P. O. Coblentz, New Madison, O.

Our gladiolus bulbs are good. Try them.

Cushman Gladiolus Co., Sylvania, O.

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HARDY PLANTS.

HARDY STOCK—	Each.
Currants, red, 1-yr., No. 1	2c
Gooseberry, 2-yr., Smith's Imp.	4c
Concord Grape, 1-yr., No. 1	2c
Rhubarb Linnaeus, strong divisions	2c
Bleeding Heart, strong divisions	4c
German iris, mixed, strong divisions	2c
Golden Glow, strong divisions	1c
Yucca, strong divisions	3c
Althea, named var., 12 to 18-in.	4c
Spiraea Bridal Wreath, 12-in.	3c
Spiraea Bridal Wreath, 3 to 4 ft.	5c
Syringa, 12-in.	3c
Snowball, 12-in.	5c
Wistaria sinensis, 12-in.	3c
Peony tennifolia, dbl. fl.	15c

Orders must amount to $1.00. No charge for packing.

Grand View Nursery Co., Des Moines, Ia.

Alnus incana, 5 to 7 ft., $8.00 100. Baccharis halimifolia, 18 to 24 in., $5.00 100. Eleagnus hortensis, 4 to 5 ft., $10.00 100. Symphoricarpus racemosa, 3 to 4 ft., $5.00 100. Trade list ready.

Old Colony Nurseries (T. R. Watson), Plymouth, Mass.

California poppy clumps golden yellow; hardy; better than any tulip and different from any other poppy; clumps, $2.00 doz.; $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.

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Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write

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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Buxus sempervirens, pyramids and standards, $150.00 100. Lilacs, white and purple, $45.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Peach trees, in all grades and varieties. Carefully graded. Prices consistent with good goods. C. L. Longsdorf, Floradale, Pa.

4,000,000 peach trees. June buds a specialty. Stock guaranteed true to name. Catalogue free.

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Surplus shrubs cheap. Also a full assortment of trees and plants. Send for list.

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Hardy, nursery-grown evergreens. Write the EVERGREEN SPECIALIST,

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Golden Glow, strong plants, $1.00 100. Will exchange other stock.

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For your trees, shrubs, vines and small fruits, send to

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Hardy ornamental stock. Trees, shrubs and herbaceous plants. Peonies a specialty. Send for illustrated price list.

Peterson Nursery, 170 La Salle St., Chicago.

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Amoor River Privet, 2 to 5 feet, fine, $15.00 per 1000. C. trifoliata seedlings, 1 year, 8 to 10 inches, $4.00 per 1000. Trifoliata seed, 50c per lb. by mail, or 40c by express.

Field-grown grafted roses, in assortment, $9.00 per 100; $80.00 per 1000.

Grapes and plums very low to close.

Summit Nurseries, Monticello, Fla.

HELIOTROPES.

Heliotropes, dark; strong-rooted cuttings, 75c per 100. Cash with order, please.

Hugo Book, Worcester, Mass.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotrope Jersey Beauty, 2-in., $2.25 100. Cash. Converse Greenhouses, Webster, Mass.

Heliotropes, best varieties, $2.50 100.

The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

Hibiscus, assorted, 2¼-in., 60c doz., $4.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

Hibiscus, best varieties, 2¼-in., $2.50 100.

The McGregor Bros. Co., Springfield, Ohio.

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Hollyhocks. Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.

Send for catalogue of hollyhocks, dahlias, and hardy herbaceous plants.

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Hydrangeas, Jeannie d'Arc, white flowered; Red Branched, 4-in., 40c each, $3.00 doz. Cash. John Charlton & Sons, Rochester, N. Y.

Hydrangea Otaksa, 6-7-in. pots, good, strong plants that will need 7-8-in. pots, 25c and 35c.

Crown Point Floral Co., Crown Point, Ind.

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Hardy English Ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

English Ivy, field-grown, strong, bushy plants, $5.00 100. Cash, please.

Godfrey Aschmann, 1012 Ontario St., Phila.

German Ivy, 2½-in., $2.00 per 100.

Otis F. Searles, L. B. 288, Nashua, N. H.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.

Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.

H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley pips, the largest and finest imported. Special price.

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cut lily of the valley of good quality always on hand.

August Jurgens, 134 Herndon St., Chicago.

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LOBELIAS Crystal Palace, erecta and trailing; strong plants ready to pot 75c per 100; $6.00 per 1000. Cash.

Wm. S. Herzog, Morris Plains, N. J.

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Madeira vine, strong tubers, 30c doz., $1.75 100. H. H. Berger & Co., 47 Barclay St., N. Y.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Moonvines, white, blue, 2¼-in., 50c doz., $3.00 100. H. Vincent, Jr. & Son, White Marsh, Md.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

OLEANDERS.

Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

ONION SETS.

Egyptian Winter, hardy, $1.00 per bu.; $1.50 for 2 bu. D. C. Hopkins, Almood, N. Y.

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Washington navel oranges, specimen plants, 4 ft. high, $2.00 each. Cash or C. O. D. with privilege of examining. Express prepaid.
California Carnation Co., Loomis, Cal.

ORCHIDS.

Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florists' sorts. Send your address and get notice of all arrivals.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Latania borbonica, Areca lutescens, Kentias Forsteriana and Belmoreana, Phoenix canariensis, Pandanus utilis. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Pandanus Veitchii, specimen plants, $3.00 to $6.00 each.
John Welsh Young, Germantown, Pa.

Kentia Belmoreana, 3 and 4-in., 12½ and 25c.
W. W. Coles, Kokomo, Ind.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

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For Pansy Seed see under heading "Seeds."

300,000 pansies ready to go out in the world at a few hours' notice after frost is out. Joseph Pfingstl, Montgomery, Ala., writes:
"Feb. 4, 1904. Dear Sir—Please send me 1000 pansies as soon as you can. First pansies are blooming fine; have planted out a bed in our park."
Cold frame and field-grown Giant mixed, strong seedlings, $3.00 per 1000; fall transplanted, $8.00 per 1000, $1.00 per 100. Separate colors, same price. Florists' International contains blend of the most striking and rarest new var., from home and abroad. I aim to have a mixture which cannot be beaten, strong fall seedlings, $5.00 per 1000; fall transplanted, $10.00 per 1000. Bushy fall transplanted, some in bud and bloom, $15.00 per 1000. Cash with order.
Ludwig Mosback, 8500 Anthony Ave., Chicago, Ill.

Pansies. Prize strain of Bugnot, Cassier and Odier, large plants once transplanted, 50c 100; $3.50 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Pansy plants, large fl., stocky, $2.50 1000; 250 at 1000 rate; 50c per 100, postpaid. Cash, please. H. Ernst & Son, Washington, Mo.

Pansies, the very finest, $1.50 per 100.
F. A. Baller, Bloomington, Ill.

PELARGONIUMS.

Pelargoniums, named var., large, 2½ to 3-in., pots, $3.50 100, 25 at 100 rate. Cash, please.
H. Ernst & Son, Washington, Mo.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargonium Lady Washington, 2¼-in., $3.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Pelargoniums, mixed var., 2½-in., $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

PEONIES.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
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Peonia chinensis, dbl. rose or red, $1.25 doz., $8.00 100. Japan rare herbaceous sorts, $3.50 doz., $25.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

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PETUNIAS.

Petunias. White or pink	$3.00 per 100
Assorted	2.50 per 100
Mixed	2.00 per 100

The McGregor Bros. Co., Springfield, Ohio.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Double petunias, mostly pink; rooted cuttings, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Petunias, mixed var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

POINSETTIAS.

Strong, healthy, dormant stock plants.

1000 one-year-old	$3.00 per 100
1000 two-year-old	5.00 per 100
1000 three-year-old	7.00 per 100

De Pew Brothers, Nyack, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Primula obconica grandiflora, 2-in. in bloom to close out, $1.00 per 100. No order taken for less than 50. Cash.
Byer Bros., Chambersburg, Pa.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

ROOTED CUTTINGS.

Rooted cuttings at 50c per 100, blue lobelias. At 75c, dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, 3-in. Sprengeri, 3-in. vincas and Boston runners.
J. A. WIBE, Box 125, Downers Grove, Ill.

R. C. of 15 var. of coleus. Best salvias. White, Pauline and Gurney ageratums, at 60c per 100, delivered free.
Wm. H. Stenger & Son, Granville, Ohio.

Ageratums, 75c 100. Elm City fuchsia, $1.25 100; Little Beauty, $3.00 100. Giant double alyssum, $1.00 100.
J. A. Keeney, Monongahela, Pa.

Rooted cuttings of feverfew, Vinca var., coleus and German ivy, $1.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Rooted cuttings. Coleus, Verschaffeltii, Golden Bedder and Firebrand, 75c 100, $6.00 1000; 10 best sorts, bright colors, in variety, 60c 100, $5.00 1000. Cuphea (cigar plant), 60c 100. Salvias—Splendens and Bonfire, $1.00 100, $9.00 1000. Heliotropes—light and dark, $1.00 100, $9.00 1000. Ageratums—Stella Gurney, 60c 100, $5.00 1000. Lobelias—fancy blue, 60c 100, $3.00 1000. Water ivy, 60c 100. Sweet alyssum—Giant Double, 60c 100, $5.00 1000. Marguerites—white and yellow, $1.00 100. Chrysanthemums—Estelle, the best early white, $1.50 100, $12.00 1000. All strong, well-rooted. Satisfaction guaranteed. Add 10c 100 if wanted by mail. Cash.
Critchell's, Avondale, Cincinnati, O.

Rooted cuttings of Impatiens Sultani, Anthemis coronaria, $2.00 100, prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	7.00	60.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

CHOICE GRAFTED STOCK. We are now grafting on Manetti, all from choice flowering wood, and offer for sale, April 1 delivery, the following: Bride and Bridesmaid, $12.00 per 100, $100.00 per 1000; Liberty, $15.00 per 100.
Rose plants—Chateuay, 2½-in., $6.00 per 100; $50.00 per 1000.
Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100; Kaiserins and Perles, $2.50 per 100.
Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses in 2½-in. pots—	100	1000
American Beauty	$6.00	$50.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Golden Gate	3.00	25.00
Sunrise	5.00	40.00
Chatenay	6.00	50.00
Uncle John	20.00	150.00
Rose cuttings, well rooted—	100	1000
American Beauty	$3.00	$25.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50
Golden Gate	1.50	12.50

The Benthey-Coatsworth Co., 35 Randolph St., Chicago, Ill.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.
ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

ROSE PLANTS.

Bride, Maid, Ivory,
2-in., $2.50; 2½-in., $3.50 per 100.
Perle Wootton
La France Kaiserin
2-in., $3.00; 2½-in., $4.00 per 100.
American Beauties, 2-in., $4.50; 2½-in., $6.00 per 100.
Soupert and Hermosa, 2½-in., $3.00 per 100.
500 extra fine Hermosa, 2-yr.-old, 3-in. pots, $5.00 per 100.
Rose stock, 2 and 3 eyed, shifted from 2 to 2½-in. J. C. Murray, Florist, Peoria, Ill.

AMERICAN BEAUTIES AND TEAS, clean, healthy, well rooted cuttings.
Beauties, $3.00 per 100; $25.00 per 1000. Bride, Maid and Perle, $1.25 per 100; $10.00 per 1000.
Orders booked now for potted stock.

Beauties, 2-in	$5.00 100; $40.00 1000
Beauties, 3-in	6.00 100; 50.00 1000
Beauties, 4-in	7.50 100; 65.00 1000
Teas, 2-in	2.50 100; 20.00 1000

Goods returnable and money back if not absolutely satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

ROSES—Continued.

Rooted rose cuttings.

	100.	1000.		100.	1000.
Bride	$1.50	$12.50	La France.	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor ...	1.50	12.50
Ivory	1.50	12.50	Liberty ...	3.00	25.00
G. Gate ..	1.50	12.50			

Cash with order or references from unknown parties.

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.

Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Stock Beauties. Liberties, $10.00 100. Cash.

John Brod, Niles Center, Ill.

American Beauty, 2½-in., $6.00 100; rooted cuttings, $3.00 100. Bride, Maid, Ivory, Gate, 2½-in., $3.00 100; rooted cuttings, $1.50 100. Perle, Kaiserin, Canadian Queen, 2½-in., $4.00 100; rooted cuttings, $2.00 100.

W. H. Gullett & Sons, Lincoln, Ill.

ROOTED ROSE CUTTINGS, American Beauty, $3.50 per 100, $30.00 per 1000. Bride, Bridesmaid, Golden Gate and Ivory, $1.50 per 100, $12.50 per 1000. GOOD STOCK.

L. L. May & Co., St. Paul, Minn.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write

Geo. A. Kuhl, Pekin, Ill.

AMERICAN BEAUTIES, strong 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.

White and Pink Mamao Cochet, $25.00 per 1000.

Chas. W. Reimers, Hite Ave., Louisville, Ky.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000, 500 at 1000 rate.

Sinner Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted, 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine dishudded plants. Prices and samples upon application.

Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.

L. B. Coddington, Murray Hill, N. J.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted rose cuttings of Bride, Maid, Golden Gate and Ivory, $1.50 per 100; $12.50 per 1000.

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. Strong Brides and Maids, 2-in., $2.50 per 100. Satisfaction assured.

Paul O. Tauer, Lebanon, Ind.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.

Crabb & Hunter, Grand Rapids, Mich.

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400 Crimson Rambler, 2½-inch pots, $3.00 100. Cash. Wm. Keir, Pikesville, Md.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

Kaiserin roses, good plants, 3-in., $8.00 100. Cash. C. E. Meehan, Mt. Airy, Phila., Pa.

H. P. Roses, best market var., $10.00 100.

F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.

HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.

Good & Reese Co., Springfield, O.

Ficus elastica, 6-in. pots, from 20 to 28 inches high, at $3.00, $4.00, $5.00, $6.00 per doz. Godfrey Aschmann, 1012 Ontario St., Phila.

Rubbers, 20 and 25c each.

W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.

L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias. Bonfire, Silverpot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Salvia Bonfire, 2¼-in., $1.50 per 100. Rooted cuttings, 85c per 100.

Burnell & Totman, Randolph, Vt.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvias, nice 2¼-in. stock, $2.00 per 100.

W. H. Parsll, Summit, N. J.

SEEDS.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.

Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.

Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.

Best quality of flower seeds for florists. Send for catalogue.

MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

California seeds. Shasta daisy, 75c per 1000. $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Also-phylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe island palm), a fine, rapid growing fan palm, $1.00 100 seeds.

Theodosia B. Shepherd Co., Ventura, Cal.

GROWER and CONTRACTOR of tomato seed to the trade. We are the originator of the Royal Red Aristocrat, Maule's Enormous, Maule's Success and Maule's New Magnificent tomatoes. We have a surplus of the following: 125 lbs. Royal Red, 218 lbs. Maule's Success, 17 lbs. French Marvel, fine stock at $1.00 per lb. to the trade only. 75 lbs. Ohio-grown Rocky Ford Gem melon, at 25c per lb.

M. M. Miesse, Lancaster, O.

Asparagus plumosus nanus seed, the true kind, $6.50 1000, $30.00 5000. Improved Shasta daisy seed, $1.00 1000, $4.00 5000. Hand hybridized carnation seed, $1.00 100, $9.00 1000. Smilax seed 25c oz., $2.00 lb. Giant pansy seed, $4.00 oz., 25 seeds at 100 rate, 500 at 1000 rate, 2500 at 5000 rate. Express prepaid at above prices. Cash or C. O. D.

California Carnation Co., Box 103, Loomis, Cal.

Asclepias tuberosa, delphiniums, 12 var. Dianthus barbatus, Hunt's best of all; digitalis or fox gloves, 12 varieties. Lobelia cardinalis, stock limited (X). Primula elatior, gold laced (X), Forbesi or Baby primrose (X). Hollyhocks, white and yellow, double extra. A few pounds each of the above, except those marked X. Trial pkt., 10c each.

Chas. Long, 277 Jefferson Ave., Rochester, N. Y.

Chater's hollyhock seed, 6 superb double colors, 70c per oz., 40c per ½ oz. Allegheny, $1.00 per oz., 60c per ½ oz. Ficifolia, double hollyhock, NEW, $1.00 per oz. Single hollyhock, 10 distinct colors, 60c per ½ oz. Cash.

John Charlton & Sons, Rochester, N. Y.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Extra selected aster seeds, 50c per oz., prepaid by mail. Large-branching white, with about 10 per cent pink; large-branching pink, with about 10 per cent white; white, pink and lavender, mixed.

Th. F. Van der Meulen, Dunkirk, N. Y.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.

STUMPP & WALTER CO., 50 Barclay St., N. Y.

CHOICE FLOWER SEEDS, CROP 1903. Asparagus Sprengeri, 15c per 100; $1.00 per 1000. Complete stock florists' flower seeds.

J. C. Murray's Seed Store, 420 South Adams St., Peoria, Ill.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash with order. Cottage Nursery, 1421 D St., San Diego, Cal.

New crop ASTER SEED from the best American and German growers. See this week's issue for displayed adv. or write us for price list.

Johnson & Stokes, 217-219 Market St., Phila.

Improved Burbank's Shasta daisy seed, new crop, 20c 100, $1.00 1000, $8.00 oz. Improved Shasta daisy plants, $18.00 1000. Express prepaid. The Knoll Nurseries, Loomis, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.

Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.

Weeber & Don, 114 Chambers St., New York.

MOTT'S HIGH-GRADE SEEDS.

Send for price list; it will pay you.

WALTER MOTT SEED & BULB CO., Jamestown, N. Y.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.

J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.

S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.

W. W. Barnard & Co., 161 Kinzie St., Chicago.

Mammoth Evergreen sweet corn. Germination, 90 per cent. Send for sample.

C. E. Hubbard, Topeka, Kan.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.

Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100, $7.00 1000. Cash.

Jos. H. Cunningham, Delaware, O.

Wholesale price list of seeds for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.

W. W. RAWSON & CO., Boston, Mass.

Stokesia cyanea from seed bed at $1.00 per 100, postpaid.

A. B. Campbell, Cochranville, Pa.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order.

J. D. Harcourt's Son, Wappingers Falls, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

SMALL FRUIT PLANTS.

New Phenomenal raspberry. 20 berries fill a quart box; can ship 2000 miles. Price—Tips, $2.00 doz., $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.

California Carnation Co., Box 103, Loomis, Cal.

Strawberry plants, nearly 50 var. New and old sorts. 10,000 grape vines. 100,000 raspberry plants, leading var. It will pay you to get our catalogue.

Elmhurst Nursery & Fruit Farm, Argentine, Kan.

"Strawberry plants that grow." Standard sorts, $1.75 to $3.00 1000. Also grape, raspberry, blackberry and currant plants. Catalogue free.

C. E. Whitten, R. D. No. 10, Bridgman, Mich.

SMILAX.

Smilax, extra strong, bushy plants, 2½-in. pots, $1.25 per 100; $10.00 per 1000.

E. A. Richards, Greenfield, Mass.

Smilax, extra strong and fine, $2.00 per 100. From flats, $1.00 per 100. Cash.

N. P. Colberg, Morris, Ill.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.

Harvey B. Snow, Camden, New York.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.00 1000.

J. C. Schmidt Co., Bristol, Pa.

Smilax, 2¼-in. (special price), $5.00 1000.

Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Transplanted smilax plants, 50c 100.

The Knoll Nurseries, Loomis, Cal.

Smilax, 2-in., 50c per 100.

E. I. Rawlings, Quakertown, Pa.

Smilax, $2.00 per 100.

S. S. Brenneman, Webb City, Mo.

SPIRÆAS.

Spiraea japonica, $3.00 100; S. compacta multiflora, $3.50 100.

F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea comp. multi., large clumps, 40c doz., $2.50 100.

H. H. Berger & Co., 47 Barclay St., N. Y.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $2.00 per 100.
Paul O. Tauer, Lebanon, Ind.

VEGETABLE PLANTS

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
LETTUCE—Grand Rapids, Boston Market and Big Boston, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Grand Rapids lettuce, strong transplanted plants, $2.00 per 1000. Cash, please.
James Frost, Greenville, Ohio.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Mammoth fancy, mixed verbena plants from seed bed, ready to pot, 40c per 100, 300 for $1.00, postpaid.
A. B. Campbell, Cochranville, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

VINCAS.

Vinca variegata, 200 plants, 3 to 6 runners, ready for 4-in. and 5-in. pots; guaranteed A No. 1 stock; $8.00 100. Cash with order. Speak quick if wanted.
T. L. Lowden & Sons, Pittsfield, Mass.

Vinca variegata major, 4 to 6 runners, 2½-in., $2.00 per 100. Cash.
C. F. Mahan, R. R. S, Dayton, Ohio.

Vinca variegata vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca var., strong stock, $1.00 100, by mail.
S. W. Pike, St. Charles, Ill.

VIOLETS.

5000 California and Luxonne, extra strong field clumps, $4.00 per 100, $35.00 per 1000. Carefully packed. Satisfaction guaranteed.
Chas. Zimmer, West Collingswood, N. J.

Violets, 2½-in., Campbell, Swanley White and Princess of Wales, at $2.00 per 100. The violet man A. B. Campbell, Cochranville, Pa.

Marie Louise violet cuttings, sand-rooted, after April 1, $10.00 per 1000.
A. Laub & Son, Hughsonville, N. Y.

TO EXCHANGE.

To Exchange—We offer cannas, tuberoses, gladioli, geraniums, rose geraniums, heliotropes and cinerarias for 2-in. roses, A. plumosus and small palms.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Rooted cuttings of Enchantress, Prosperity, Joost, Hill, Glacier, Roosevelt, Canna roots of Henderson and Burbank, Dracaena indivisa, 3-in., for S. A. Nutt geraniums, 2½-in. Wm. Pfund, Oak Park, Ill.

To Exchange—Cannas, carnations, rose geraniums, heliotropes, golden glow, 4-in. hydrangeas, for other plants. What have you?
Burdell Flo. Co., Bowling Green, Ky.

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Wanted—1000 rooted or unrooted cuttings of Anthericum vitatum variegatum. Quote price.
Hoffman Bros., Portland, Oregon.

Wanted—6 or 8 laurel trees, standards; must be in A No. 1 condition; state size and price.
Nanz & Neuner, Louisville, Ky.

Wanted—1000 Begonia, Triumph de Lorraine, 2¼-inch pots. Address, giving price.
Geo. H. Mellen Co., Springfield, Ohio.

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Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

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Crowl Fern Co., Millington, Mass.

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H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

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Write for quotations on your wants to
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Foley's floral photographs; 24 funeral designs.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES, green or bronze.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
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Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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NICOTICIDE kills all greenhouse pests.
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Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

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Tree and plant labels.
Williams & Sons Co., Manufacturers,
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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
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Kramer's pot haugers. Neat, simple, practical. Write
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POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

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Those RED pots. The right kind.
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Red pots. Write for prices and sample pot.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Wire stakes. All sizes, all lengths.
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We are manufacturers — no middleman's profits.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

UTICA, N. Y.—The Utica Florists' Club had a carnation show February 18. Novelties were exhibited by F. R. Pierson Co., Cottage Gardens, A. N. Pierson, F. Dorner & Sons Co., J. E. Haines, Peter Fisher and others. Local growers also showed their specialties and Geo. M. Garland and Lord & Burnham showed building materials.

MADISON, WIS.—Fred Rentschler has stock in fine shape for Easter and spring business. He has recently bought a piece of real estate for $8,500. George Rentschler has let the contract for a greenhouse 18x120. He will devote seven acres to trees, shrubs and hardy plants.

WARRENSBURG, N. Y.—Robert Swan has bought the property recently occupied by S. E. Prosser, with store and greenhouse.

New Crop **ASPARAGUS PLUMOSUS AND SPRENGERI SEED** Special quotations on large quantities

HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.

Orders booked now for plants of ADIANTUM CROWEANUM, delivery July

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BRIDESMAID, BRIDE, GOLDEN GATE, IVORY, FRANZ DEEGEN, $15 per hundred; $120 per thousand.

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VINCAS (VAR.) from 3-inch pots.....$5 per 100.

FRANK A. PIERSON, Write for List of Cuttings. **CROMWELL, CONN.**

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HEATING CAPACITY.

Will you please publish a rule for estimating the horse-power of a tubular steam boiler and also a rule for estimating its capacity for greenhouse heating, both for steam and hot water?

S. B.

It is not an easy matter to estimate the horse-power of a boiler, as the number and size of the flues, the length of the shell and the number of pounds pressure maintained all go to determine this point. There are, however, simple rules governing the heating capacity of boilers. This is determined by the heating surface of the boiler, the grate surface and the kind of fuel used. The heating surface in a boiler is that portion of the boiler which is exposed to the direct action of the fire or the heated gases. In practice one square foot of grate surface is allowed for forty feet of heating surface in the boiler when hard coal is used, and one foot of grate surface to eighty feet of heating surface when soft coal is used. One foot of heating surface in a boiler will supply heat for about eight feet of radiation, and one foot of radiation will supply heat for three to nine square feet of glass, depending upon the conditions it is desired to maintain. If you have a specific problem send it in; we may be able to assist you in solving it.

L. C. C.

HOT WATER HEAT.

I have a house even span 30x200 feet, nine feet to ridge, three feet of glass on the sides. I wish to heat it with hot water to maintain 50 degrees when it is 20 below zero outside. With a 3-inch flow how many 2-inch returns will be required.

P. F.

The house under discussion, using hot water at 180 degrees, will require 1,700 square feet of radiating surface to maintain a temperature of 50 degrees during cold weather. That means 2,720 lineal feet of 2-inch pipe, or fourteen returns the length of the house. A 3-inch riser is not large enough to care for this amount of radiation. A 3-inch pipe is capable of supplying only about 900 square feet of radiation. A 4-inch riser will, therefore, be necessary to carry the fourteen runs of 2-inch pipe needed in this house. This presupposes that the boiler has sufficient heating surface to supply the house with water at 180 degrees.

L. C. C.

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From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

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Alternanthera, 7 varieties, $2.00 per 100; $17 50 per 1000.		
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Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
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Forget-Me-Nots, large flowering	40c	2 00
Holt's Mammoth Sage, per 1000, $15 00,	40c	2.00

	Per doz.	Per 100
GERANIUMS—$2 00 per 100; $20 00 per 1000 and over, our selection of 10 varieties, $17.50 per 1000.		1000
Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Le Cid., Gen. de Boisdeffre, Gloire de France, Jean Viand, John Doyle, La Favorite, Le Pilot Miss Frances Perkins Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S A. Nutt.		
Single—Granville, L'Aube, Mme. Bruant, Mrs. E G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.		
Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.		
All good, strong plants.		
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MANETTIA BICOLOR	50c	3 00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Smilax.....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List

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Bassett's Red, $3.00 per 100,	Mme. Crozy,	Robert Christie,
Charles Henderson,	Mrs. Kate Gray, $5.00 per 100,	Sam Trelease $4.00 per 100,
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Unless noted, $2.00 per 100, $18.00 per 1000.

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We shall be pleased to send our illustrated circular to all interested and will quote special prices to introduce. Address for further information.....

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Price for strong plants from 3½-inch pots, 35c each; $3 per 10; $25 per 100; 50 at one hundred rate.

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Lawson.....	$1.50	$14.00	Glacier.....	$1.75	$15.00
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Scarlet.			Variegated.		
Crane.....	$1.75	$15.00	Prosperity..	$1.50	$14.00

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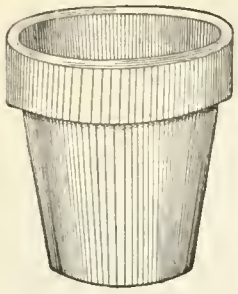

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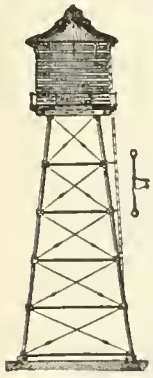

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Because some of the largest greenhouse establishments north of Chicago are not insured in the Florists' Hail Association it has been argued that the protection is too expensive, but such is not the case. Particularly to the man with a moderate-sized place, possibly representing all his resources, insurance is cheap. For example, a man who has 10,000 feet of glass would pay a membership fee of $6 on joining the association. If his glass is single thick he will pay $8 a year for assessments, if double thick only $6. If he suffers a loss by hail, he gets 5 cents per square foot of single thick glass broken, or 7 cents per square foot for double thick. The association is purely for mutual benefit, so that the expenses are light, the sixteen years' experience showing that insurance has cost the association 64 cents per 1,000 feet of double and 48 cents per 1,000 feet of single thick glass. The result is a very comfortable reserve fund.

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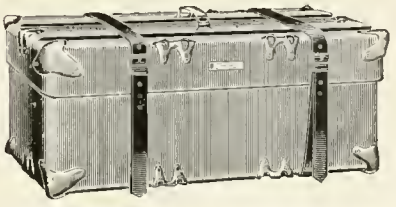

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SPARTA, WIS.—Z. K. Jewett & Co. report supplies of sphagnum moss as running low.

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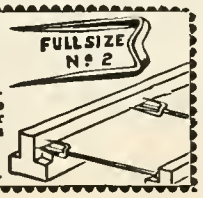

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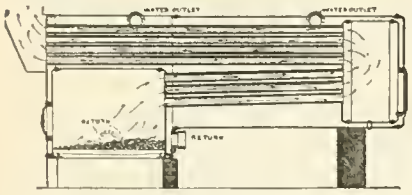

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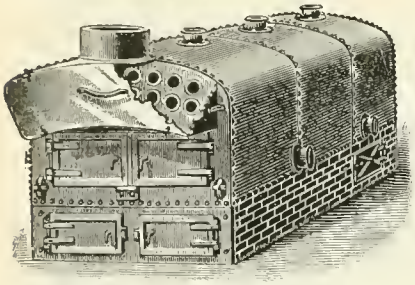

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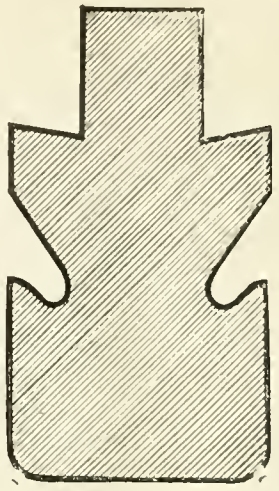

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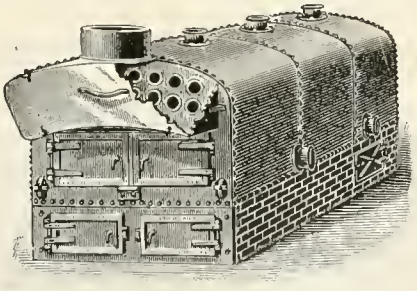

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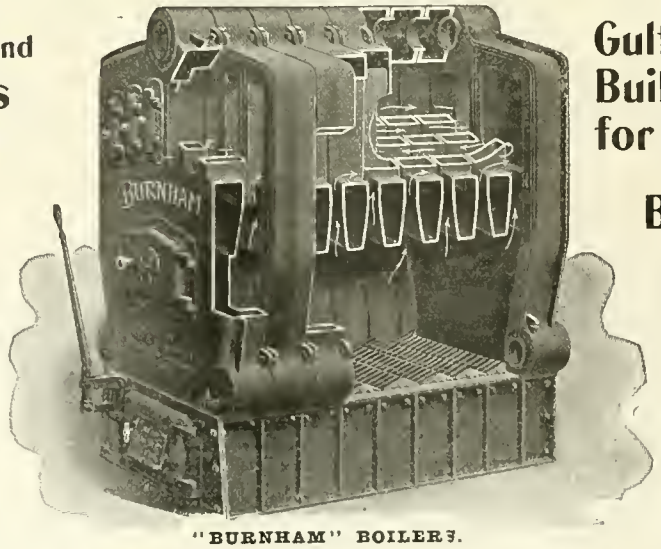

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FLORISTS' REVIEW

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, MARCH 10, 1904. No. 328.

Watson B. Jamaica Plain 365

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MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

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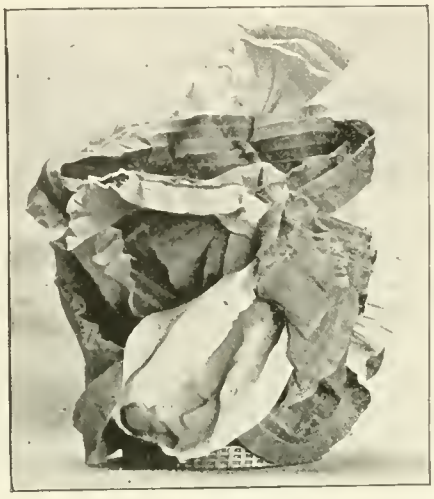

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CONVENTION ECHOES.

THE DETROIT CONVENTION.

Your issue of last week so fully covers every feature of the late convention, Mr. Editor, that perhaps little of importance can be added. Yet the writer was so pleased with every phase of it that he would like to comment on a few impressions.

President Rackham told the writer that he (W. S.) always saw that the last exhibition far surpassed all previous ones. Perhaps I have had good reasons to say this on previous occasions, but never with more sincerity truth than at Detroit. Think of the evolution, both in quantity and quality of the blooms displayed, since the first exhibition held in Buffalo some fourteen years ago! This marvelous progress has not been made in one or two leaps; it has been steady progress and if you will compare the display at Detroit with the first held by the society, you must admit that there has been ample room for each succeeding display to have eclipsed its immediate and all other preceding exhibitions.

But it was not alone of the beautiful display of carnations that we shall all have the most pleasant recollections of the Detroit convention, or yet of the right good fellowship and splendid hospitality shown us; it was of the business proceedings as well; of the executive ability shown by the president of the society, as well as the manager of the exhibition and all members of the Detroit Club who had duties to perform. We knew well it would be so.

In spite of delayed trains from several directions, all exhibits were ready at the appointed hour and the judges could go to work, and they did, and the same evening the secretary was able to give the convention a complete report of the judges. This is a new record and is to be attributed to a greatly improved method of judging as well as a great reform in entering and ticketing exhibits.

Where so many grand varieties are shown, it is indeed difficult to say what we shall grow. Fortunate is the man who can try many of them. One thing is sure, if you cannot give the very newest a trial you can strive to grow your very best, varieties that were sent out last year and two and three years ago, for there were magnificent samples of some that are beginning to be called old varieties. I will not pretend to mention all, or half, the varieties staged, but only those that mostly impressed me, and in doing that many beautiful varieties are missed.

Fiancee deservedly took the Lawson gold medal. If I were inclined to slang, I should say "She's a bute." Indianapolis is a grand bright pink and showed up well, with a splendid stem. Judge Hinsdale is a splendid white variegated, great form and stem. Lady Bountiful is a beautiful white and so Alba proves itself to be when rightly grown. Ethel Ward is a most beautiful shade of pink and bound to be a favorite. The Cardinal took the first prize for 100 scarlet; it's a wonder. The President we think far surpasses all previous efforts of Mr. Ward in the line of crimsons. It is a perfect flower. That grand crimson, Harlowarden, we have seen in better form. We know from experience that it's a splendid crimson and easy to grow.

The only preliminary certificate was given C. W. Ward's scarlet, No. 303. We are bound to hear much of this wonderful flower. Watch it. In the certificate class the display was strong. Fred Burki, shown by John Murchie, is a most beautiful white. The red sport of Lawson, shown by W. J. Palmer, was much thought of and demonstrated its fine keeping qualities. W. J. & M. S. Vesey staged a fine pink. There were others.

Now, if you will look at the premium winners, you will notice some comparatively old as well as newer varieties carrying off the honors. Enchantress is alone in its class. Adonis when well grown is yet the grandest scarlet. Lawson, Estelle, Wolcott, old White Cloud, Morning Glory, Cressbrook, Mrs. Nelson, Marshall Field, Gov. Lowndes, Stella and, of course, Prosperity, all showed up in fine style, which only goes to show that if a variety does well with you it is foolish to discard it. What some may fail with others can do finely.

That vase of Chatenay roses was a beauty and if we can grow it as Peter Reinberg does it's a great acquisition. La Detroit had the place of honor, and fine as this rose looked the first day it was far more beautiful the second and when that armful almost smothered Mrs. Vesey at the banquet, the rose had a beautiful setting and there was a mutual enhancement of charms. Frank Holznagle's vase of Bride and Bridesmaid roses were of the very highest quality.

J. A. Peterson's large-flowered type of Gloire de Lorraine is certainly a fine thing and his Primula obconica were splendid plants. The sweet peas shown by William Sim, all the way from Massachusetts, were phenomenal, and the new single violet raised and shown by H. R. Carlton is a beautiful deep blue. And now I must close on exhibits, or you will close me out, and jot down things that made this convention memorable.

That address of welcome by Mayor Maybury was truly a peach of the large, juicy Crawford variety and every sentence of it should have been published. There were allusions to the influence of flowers and our association with them in our calling that were touching and beautiful and should make us all proud

Adonis.—E. G. Hill Co. Mrs. Patten.—Thompson Co. Lawson.—Bassett & Washburn. Harlowarden.—C. C. Co.

The Four Exhibits in the Class for 200 Blooms, One Variety, at the Detroit Convention.

to be horticulturists. That eloquence was not easy to respond to and the one chosen to respond suffered sadly in comparison.

Brother Rudd's essay on "The Management of Flower Shows" covered the whole ground from A to Z and as he is a past master as a manager, it was greatly enjoyed and will be many times referred to for assistance by men undertaking such duties. We never knew this classical gentleman from Chicago in better voice or more graceful in his delivery. Little discussion ensued because it could not be criticised, except by John F. Sullivan, who in commending Mr. Rudd's paper very smartly gave a jar to some exhibitors who had every chance to stage their flowers on time, but through indolence and carelessness did not, and caused needless anxiety and hard work to the manager.

The essay by William Scott was rather radical and socialistic in its propositions and brought down on his bald head a good deal of abuse from the leading lights of the society. It gave rise to lots of debate and the criticisms and ridicule that were heaped on him were greatly enjoyed by himself and his fearless champion, Mr. Altick. I would rather be right than be Carrie Nation.

The meetings were well attended. They were snappy, lively and interesting and George A. Rackham has not only been an ideal president from the day he was elected, but he is a clean-cut, decisive chairman.

Of course you all realize that in electing James Hartshorne as president you did exactly the right thing. His election was a foregone conclusion, because he deserved the honor. He has been a loyal supporter of the society, always a large exhibitor and I am glad to say at Detroit a very large prize winner.

The banquet on Thursday evening was enjoyed immensely by everyone who had the good fortune to be present and I am truly sorry for the few who thought they must leave for home, or somewhere else, before the hour for the delightful function. Like my notes on the carnations, I don't assume to speak of all who added to the pleasure of the evening, for they were many. Who cares much for the menu? If they do, the most delicious viands were there. But pork and beans is a banquet if you are hungry. It was "the feast of reason and flow of soul" that we were hungry for, and a feast we got in both these attributes of man and woman that distinguish us chiefly from the lower animals.

The instrumental music was delightful and the high-toned vaudeville that was sandwiched in between speakers was greatly enjoyed. That wonderful baritone that stood right behind the writer when singing, actually made the few gray hairs left stand up straight. The musical events that were the surprise and pleasure to me of the whole evening, were the two selections from the "Bohemian Girl" by Walter Mott, of Jamestown, N. Y. We can remember when Walter's performance was good enough for an English "free and easy." Now he will do for grand opera, such will study and practice do. The only number I did not enjoy was the robust blonde in the coon songs. Lets have sweet woman as feminine as possible, or what she should be, and let the coarser sex portray the lower civilization.

I can single out none of the speakers above another, for they were all good. E. G. Hill never was in better form and is more and more becoming a humorist. The word picture of the spotted cow sitting on the thistle bush and singing like a bird and talking like E. G. H. was very realistic. W. S. told about oily rubber trees and other things. Mr. Altick gave us an earnest talk on the McKinley league. He deserves the greatest credit for the hard work he is shouldering in this patriotic cause.

Mr. Ulrich, of Tiffin, Ohio, who is blessed with a splendid voice, talked on the benefits of our society and its meetings under the head of "Did It Ever Occur to You," and it was very evident that many fine thoughts had occurred to him. A most beautiful address was that by Dr. Smith, an honorary member of the Detroit Florists' Club. He began with the scientific and chemical and physical benefits of plant culture and finished with the spiritual and moral blessing of flowers as he had seen their effects on the bereaved, the sick and even on the convict. His talk was indeed a treat.

Then there came sturdy John F. Sullivan, who loudly and ably proclaimed the blessings of florists' clubs and what they had done for Detroit. Very gracefully did the president of the S. A. F., Phil. Breitmeyer, thank all of us for being present and asked for a good attendance and support at St. Louis. Then Alex. Wallace sang one of his good Scotch songs. Then to the delight and surprise of many, we listened to a witty, clever, modest talk by Mrs. Judge Vesey, of Fort Wayne. No wonder the judge—well, he is a lucky man. Then Mr. Thompson presented a beautiful cup to Mr. Partridge, who feelingly thanked him and the society. The chairman then presented the president-elect, Hartshorne, the magnificent Lawson Gold Medal and after some remarks, which surely came from his heart, he most graciously handed the beautiful medal to Fred Dorner, Jr., for it was that gentlemen's firm which raised the lovely Fiancee. Mr. Rackham made a fine address on the carnations of the past, and the last, but not least by a jugful, we were kept in roars of laughter by a ten-minute yarn from the wit of the society, Mr. Peirce, of Waltham, Mass. More of this great old man hereafter.

Mr. Flowerday, as toastmaster of the evening, was ideal in his position, and here endeth my notes of a convention that has never been surpassed in exhibition, in business and in pleasure in the history of our good society.

William Scott.

W. K. Partridge's Vase of Carnation Enchantress.
(The only vase in the show which took two first premiums.)

NOTES ON VARIETIES.

You have had in last week's issue a complete report of the awards at the Detroit convention, and so I will merely give you a few notes on the impressions gained while looking over the exhibition during the two days. In the first place I want to say that Mr. Sullivan made a good exhibition manager, as good as we have ever had and better than most. The arrangement was good and everything was so well planned that no confusion was possible. All the vases competing in the same class were set together and the judges had no trouble in finding all the entries in each class. This idea should be adopted at all the exhibitions in the future. So well was everything planned that by the time specified in the premium list every exhibit was in place, something very unusual.

The average quality of the blooms was very high indeed. There were very few that would not have stood a good show for first money at most exhibitions and

General View of the Exhibition of the American Carnation Society, Detroit, March 2 and 3.

many a vase that was almost good enough for a first premium had to drop back into the "also ran" class. Competition was very keen and in many classes the judges had a hard job to decide. I was told by one of the judges that it took them fully fifteen minutes to decide between two vases of fifty blooms and even then there was room for doubt. There never was more universal satisfaction with the judges' report than this year, which speaks well for their ability.

Most of the blooms came through in good shape and were in good condition when staged, due to the moderate weather and arrival on schedule time. Overfeeding was very apparent in the exhibits of several firms and several learned a lesson at a high cost. One firm had several thousand blooms, most of which were asleep within three hours after unpacking. No other reason than overfeeding could be given, as blooms which came from the same locality and others shipped much farther held up until the very last. This has suggested to my mind that there ought to be some arrangement whereby the vases that show up best by noon of the second day should receive some kind of premium. The keeping quality of the carnation is one of its good points and a little more attention should be paid to it.

One of the surprises was the fine showing made by Adonis. Judging by the reports of its behavior the past winter no one expected it to make more than just an average showing, but it was almost the only variety shown in the scarlet classes and it carried away nearly all the premiums. The vase of 200 shown by the E. G. Hill Co. easily carried away that premium, although those blooms were the ones left after the flowers for the fifty and 100 classes had been selected.

Mrs. Lawson showed that it is still to be reckoned with when a deep pink is wanted and it is grown properly. It was the only variety shown in that class except Dorner's Eclipse, which took the second premium, and Thompson's Nelson Fisher.

Enchantress was shown in all stages, good, bad and indifferent. This variety showed more than any other the effects of overfeeding. One firm had hundreds of blooms and all went to sleep within a few hours, while on the other hand the 100 blooms staged by W. K. Partridge held up fine to the close of the show. Harlowarden was it in the crimson classes, while Dorothy Whitney had her own way in the yellow classes. These facts certainly prove one thing and that is that the carnation is being greatly improved. Almost without exception the premiums were captured by varieties of very recent introduction and many of them are not on the market yet.

Most of the varieties being disseminated this year were shown in fine shape and if any of them failed to win in their class it was not because the blooms were not fine, but simply because another lot of blooms was still finer. In white Lady Bountiful and The Belle from Dorner's were grand. F. Burki, from J. Murchie, looks like a good thing. Mr. May's exhibit would have been helped by another day on the plants. All these were way ahead of the other whites, except Alba, from the C. C. Co., which took first prize.

In pink Ethel Ward looked well and captured first in its class. Our own Indianapolis was not entered for competition, but it won many friends by its fine color and keeping qualities. Nelson Fisher was too soft and went to sleep. In red we expected to see Flamingo sweep the boards, but not a bloom was seen at the show. Crusader was fine. In variegated Mrs. Patten was very fine and so was Judge Hinsdale. Ward's crimson, The President, has the best color and form of all the crimsons up to date. F. R. Pierson's Daheim was asleep when it arrived. H. Weber & Sons' New Daybreak showed up very fine and should make a good variety.

There were a good many seedlings shown and among them were some grand things. Some competed for premiums and won out over the standard varieties. Fiancee easily distanced all others. Cardinal was shown in fine shape and took first in 100 scarlet. We would like to have seen this and Flamingo side by side. Richmond Gem won a certificate with its fine color. This should prove a good bread-winner. J. E. Haines is a fine large scarlet, which I want to see more of. Dailledouze Bros.' No. 144 is certainly a grand thing. They were the largest blooms in the hall and attracted a great deal of attention. No. 1000A, by Witterstaetter, is also a fine thing, so fine that the judges could not decide which was the better, this or Dailledouzes' white. Mrs. Vesey brought a variegated seedling that was grand, except that it lacked a little in the stem. Red Lawson was shown by Palmer & Son and it looked nice by night, a trifle dull by daylight. Eclipse, a pink shown by Dorner, is a very fine thing; it took second in the 100 Lawson shade. Phyllis came in poor shape and was not scored. After seeing it in fine shape last fall, I did not recognize it at all. There were many others of more or less promise, but the above looked the best to me.

On Friday a number of us went to F. Holznagle's, one of the neatest places I have ever seen. The stock is all in fine shape, as is proven by the fine vase of roses he brought to the show. There is a house of Lawson that is fine and another house of mixed varieties, all fine.

On the way home Mrs. B. and myself stopped off at Lafayette, where Lady Bountiful and The Belle reside. Both are enjoying the best of health and prosperity, and it was a delight to look over several benches of each. The set of novelties they are sending out is certainly very attractive and just the thing for

the retailer. Of seedlings there are thousands and of course some very fine ones. Of Eclipse there is a whole bench and if it keeps up it is to go out next year, I understand. A. F. J. Baur.

CONVENTION JOTTINGS.

The trip to Mt. Clemens was one of the pleasantest features of the convention. The Breitmeyer's Sons provided a special train for the party, which numbered about 200. Carriages were at the station to take the ladies to the greenhouses, and it was only a pleasant walk for the men, sharpening appetites for the buffet lunch which was ready, including the famous Breitmeyer homemade wine. After the refreshments had been partaken of the party broke up into squads for a tour of the greenhouses. Everything was in fine shape but of course the principal interest was in the new rose, La Detroit. The condition of the stock plants and of the young stock shortly to be distributed was favorably commented on. Practically every grower who visited Detroit will try the rose next year. On the end greenhouse was a line of C. W. Skinner's pipe for field irrigation. Mr. Skinner was on hand to show it working and all the growers were much interested. Returning to the city, the party was in season for the afternoon trains, President Breitmeyer and the S. A. F. executive committee going to St. Louis and most of the others to their homes.

Among the seedlings of more or less distinctiveness and merit staged at Detroit of which there was no mention in the judge's report, were the following: A good yellow, No. 14, from H. Weber & Sons, Oakland, Md.; No. 12, a good white from Frank Holznagle, Detroit; J. E. Smith, a red, from Baur & Smith, Indianapolis; a fine white in which was a card of F. B. Stroup, New Philadelphia, Pa.; four varieties from John Hartje, Indianapolis; the good yellow, Star of Bethlehem and others by J. E. Haines, which had a rough journey; Helen Bosler, a promising yellow variegated from Geo. Guignet, Carlisle, Pa.; Glendale and Gen. Wayne, from W. J. & M. S. Vesey, Fort Wayne, Ind.

As once was said, "fools rush in where angels fear to tread." Certainly there was some surprise at the way the sparks flew when one or two venturesome or, more likely, thoughtless ones crossed swords with E. N. Peiree, of Waltham. "Farmer" Peiree (pronounced Purse), they call him down Waltham way. In many respects he is the typical Yankee, and a keener wit has not enlivened a convention in many a day. "I am not a speech-maker," was his usual way of concluding his remarks. "I know what I wanted to say; I don't know whether I've said it or not." Opinion was usually unanimous that he had.

On the train from Detroit to Mt. Clemens last Friday morning C. W. Ward announced that he had sold a half interest in his unnamed brilliant vermilion scarlet, No. 303, to the J. D. Thompson Carnation Co. for $10,000. It will be distributed jointly in 1906 and it is stated that in the meantime no plants will be sent out for trial. It is from Lawson crossed with a pedigreed scarlet from a line of Maceo seedlings. It has the Lawson habit, the flower a little larger than that variety. It scored 92 points for a preliminary certificate at Detroit.

The Thompson Carnation Co. brought about 4,000 blooms to the exhibition. They were in fine shape when unpacked but many varieties went to sleep before they could be staged and others before judging. Mr. Thompson asks that attention be called to the hard luck which overtook his stock in explanation of his failing to take any first premiums. Rudd's Phyllis also went to sleep, and it has a reputation as a keeper. The grower says it was because it recently got too heavy a dose of wood ashes.

C. W. Ward is much interested in Carnation Glacier. It originated on his place but did not do well and was only sent out because Arthur Herrington urged it, after trying it at Florham Farms. It has done finely in Canada and in several other sections and is now working its way back into the neighborhood from which it was disseminated. There was a fine bench of it at Breitmeyer's and several growers decided on the spot to drop a bench of Flora Hill and put in Glacier for another trial.

The Detroit Florists' Club did itself proud at the banquet Thursday evening. It was a fitting finale for a most efficiently managed convention. Messrs. Rackham, Flowerday and Sullivan, as leaders in the work, have every reason to feel satisfied with success which crowned their efforts, and they were well backed up by their club members, every one of whom put a shoulder to the wheel.

Many comments were made on the sleepiness of the stock, some contending that there was something wrong with the atmosphere in the hall. Fred Dorner said he laid the sleepiness to the long continued cold weather which has made ventilation both difficult and expensive all winter. Others pointed out that it was the flowers of those notorious for high feeding which were sleepiest.

E. G. Hill prefaced his toast at the banquet with the statement that it is not on record that a gardener ever made a speech. Twenty minutes later it was the unanimous opinion that now, at least, a gardener had made a speech of which any orator might be proud. It was the gem of the evening.

The statement that J. A. Valentine, E. G. Hill and Eugene Dailledouze were appointed a committee on "affiliation" with the Rose Society hardly covers the ground. The idea is to get the Rose Society to hold its meeting and exhibition at Chicago on the same dates as the carnation meeting.

Wm. Swayne, of Kennett Square, says that as soon as he began to use young, soft cuttings he had no trouble rooting Adonis. C. W. Ward and E. G. Hill both agreed with this and said they had not lost one per cent of their Adonis cuttings this year.

W. J. Smyth, the well known Chicago retailer, put up the prize winning vase of 200 Adonis for E. G. Hill. It was a credit to his skill and there are those who said it simplified the work of the judges.

Fiancee is a great keeper. Mr. Hartshorne says that he began picking blooms February 15 to 20 for his exhibit that won the gold medal March 2. Fiancee has no pollen.

Many were the admirers of a bench of the old rose, Mme. Hoste, found at Breitmeyer's. Phil Breitmeyer says that it has been about the most profitable bench on the place this season.

The show was proof of a general im-

Dailledouze Bros'. Mammoth White, No. 144.

provement in cultural methods. Every section now has its grower who has adopted the most enlightened methods and others are following his leadership.

Lady Bountiful was pretty close to the best vase in the class for 100 white and it is noteworthy that the Dorners were the raisers of Alba, the winning variety.

It is stated that F. Dorner & Sons Co. had sold to February 1 more cuttings of Lady Bountiful than the total sales of any other carnation the firm ever sent out.

Grandpa Hill is proud of the way Adonis is vindicating his judgment, but he talks more about that nine-months-old son of Flora Hill Lemon.

It was a graceful act of James Hartshorne to present the Lawson gold medal to Fred Dorner as the raiser of Fiancee.

C. L. Washburn liked the looks of John Murchie's new white, named for Fred Burki.

MRS. LAWSON.

It is nearly time for planting outdoors. Please answer through your columns a few things about carnations. Do you think it advisable to grow Lawson entirely in the house or would it be better to let it go to the field for four months? In transplanting, which is best, to take the pot dirt from the roots or leave the ball on them? Last year our soils all got very hard. It was all we could do to keep them from baking. However, it was an unusually bad spring.

T. N. C.

Most of the successful growers of Lawson grow their plants of this variety indoors through the summer, and I think I can safely say that none of them leave it in the field as long as four months. If grown in the field during the summer it must be housed extra early if you expect to get a decent stem by Christmas, and even with early housing the stem will be shorter than when grown inside. Lawson is one of the varieties that does not like a check of any kind, and especially when the weather is hot. That is what causes the stems to come so short if the growth is checked after the plant has gotten into a vigorous growth and the later in the growing season that this check occurs the less chance the plant has to regain its former vigor. When housed very early the plants become established and started into a vigorous growth before winter, and the crop from a vigorous growing plant surely must be better than the crop from a plant that is just trying to get established.

When lifting plants from the field we nearly always try to hold a ball of soil on the roots as large as your fist, and we do not care whether all or only one-third of this ball was brought out of the greenhouse. That soil is not so much for the plants to feed on as it is to save the roots from being broken and to supply them with moisture while they are being transferred to their new quarters. In short, it is supposed to prevent a complete cessation in the growth of the plant while it is being planted into its new quarters. As soon as the roots take hold of the new soil they spread out in every direction, and come up to the surface or wherever they can find food, and it will make very little difference to the plants whether the soil right at the base of the plant is new soil or old, as the real feeding roots are those farthest away from the plant. Those that will be in the soil you brought in are the anchors that hold the plant in its upright position.

A. F. J. BAUR.

Carnation Fiancee.

(Vase which won the Lawson Gold Medal at Detroit.)

ROSES.

The Easter Crop.

As Easter draws near we will be getting anxious as to whether our crops of Beauties and other roses will be on time, as a few days too late with this harvest means a good deal financially to the grower.

Many are the schemes adopted to hasten crops which at this season show a tardiness in forming buds. Beauties particularly require a great deal of thoughtfulness and care to prepare them to come to time. Where these are showing a tendency to run to wood rather than to form buds it may be well to run them rather on the dry side for a week, but never so dry that the soft tips show signs of wilting. If this is allowed to take place the buds will come deformed and many of them little more than singles.

Plenty of ventilation during sunny weather and judicious feeding with liquid manure has a tendency to hasten the formation of buds and to perfect their development. To the ordinary liquid food an addition of liquor of ammonia can be made at this season with advantage, but this must be used with caution, as it is very strong and frequently varies considerably in strength. One ounce to four gallons of water is a safe proportion. Nitrate of soda has also a very beneficial effect and is very rapid in its action. Bride, Bridesmaid and Ivory, not being such gross feeders as Beauties, should have these stimulants slightly reduced in strength.

As the days are lengthening, with a longer duration of sunshine, an increase in temperature of 5 or 6 degrees during the night, when deemed necessary to push them along, will do considerably less damage than would be accompanied by a rise of 2 degrees before the Christmas holidays, as the possible admission of plenty of air will keep the foliage in tone.

By allowing the temperature during bright weather to rise a few degrees above the normal for such days the buds will develop more rapidly without the slightest danger of injury to either foliage or buds, provided there is plenty of ventilation and a sufficiency of moisture in the atmosphere. A careful inspection daily will determine the amount of heat necessary to bring them to perfection in time for the Easter market.

If the crops show signs of developing too rapidly and require retarding, a gradual lowering of the temperature accompanied by free ventilation will have the desired effect. This drop in temperature, if not carefully administered and well regulated, may be the means of introducing a dose of mildew which from now on, owing to less heat being used, will be the more difficult to get rid of and should therefore be carefully guarded against.

By careful study and calculation, these crops can be brought closely up to time and shipped to our customers just in the right condition, which is more satisfactory than to have to ship soft, poorly developed blooms, or to have to resort to the pickling process.

RIBES.

MISCELLANEOUS SEASONABLE HINTS.

Cannas.

It will soon be time to start the cannas. There is nothing like having good, strong plants. They need take up but little room on your benches until after Easter, when you will have plenty of room to pot them. Years ago we used to put the dormant roots of these and caladiums at once into 4 or 5-inch pots, occupying much space, and they did not start as quickly or surely as they do by a more modern and better plan. Trusting that the clump of roots dug in the fall and stored beneath a bench have kept sound, divide them now. A piece of root with one good eye or bud is enough to make a fine plant, but sometimes two eyes can be left to advantage. If the root is found, in cutting it up, to be the least unsound, don't save it; its only waste of labor.

In a light house where the temperature is 55 to 60 degrees at night and on a bench preferably with heating pipes beneath it, spread an inch of sphagnum moss, or cocoanut fiber will do just as well. Then place your canna roots. They can be set quite closely together, for they are only to remain there three or four weeks, or until they make a start to grow and a few roots. Shake over them a little sphagnum or the fiber, just about enough to hide the roots. Keep the moss just moist only, and in two or three weeks all the sound pieces will have sent out roots, a growth will have started and then they will need potting in a 4 or 5-inch pot, or whatever size you want to sell them from. We try to grow them all in 4-inch pots, but some of the coarser growing varieties may be better if given a 5-inch. With this start of root growth they have made in the moss, they will continue to grow without a halt when potted, and any that do not start in the moss you have wasted little labor or space over.

Too often we see cannas grown in the month of May in a shaded house. They never should have shade at any time. A bright, warm, sunny house is the place for them, and, even tropical plant as they are, I would rather have them without fire heat in the month of May, than have them under a heavy shade.

Caladiums.

The Caladium esculentum is another of of our sub-tropical garden plants that can soon be started. Don't buy large bulbs. One from two to three inches in diameter is large enough to make the finest growth and leaves. Put an inch of rotted manure in the bottom of a bulb flat and place the caladiums on it, about two inches apart, and then fill in between bulbs with sand. If you can place the flats over some bottom heat, so much the better. You can always find a place a foot or so above a coil of steam or hot water pipes. Light is not wanted when starting them, but heat and moisture are, and almost at once will an abundance of roots be made. Two weeks of this treatment will put the caladiums farther ahead than six weeks in a 5-inch pot on a cool bench, and you have saved a lot of bench room. They will, of course, need potting in three or four weeks.

I don't think there is any fear of these sub-tropicals plants, particularly the canna, losing any of their popularity. Ever since the advent of the beautiful Crozy varieties, known as the flowering cannas, to distinguish them from the old varieties, which were grown entirely for the beauty of the foliage, their flowers being unattractive, there have yearly been given to us some beautiful varieties. Yet as in all our florists' flowers, a few old varieties are still favorites. We now have almost all shades of color except blue, and some that do not exceed two feet in height, like that brilliant scarlet, The Express, to Kate Gray towering eight feet high.

Tuberoses.

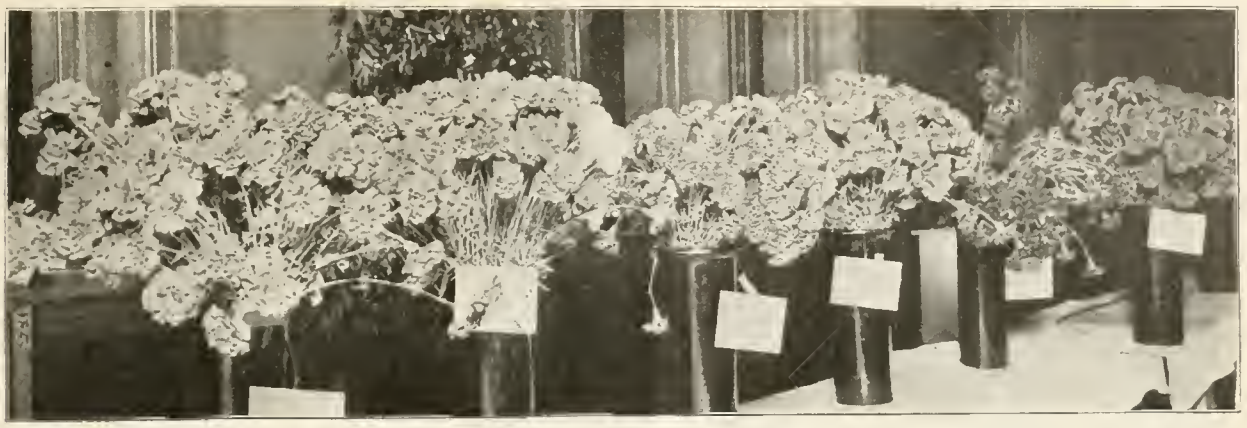
We do not have much use for tuberoses nowadays, although the prejudice against them, which has existed for some years, is slowly wearing away. We are always wanting them to sell for our customers' gardens. They, also, can be started in the same way as described for caladiums, in flats of two or three inches of sand or sand and leaf mold, only don't put the bulb more than half its depth in the compost. Place them deeper in the soil when you put them in the 4-inch pots. They will quickly start to make roots in the flats if given a little bottom heat, and once more you will save bench room. If for flowering in the greenhouse you can start some at once. If you only want them as a flower garden plant, April 1 is soon enough, because after removing from the flats and potting them, there is no place that suits them better or produces more sturdy plants than a mild hotbed.

Asters.

The middle of this month will be time for a large sowing of asters, which of late years have taken rank among the leading summer and fall florists' flowers. I am not going to say which variety or type to grow. If your business warrants it, you need to grow the early Queen of the Market, to be followed by the Comet and Truffaut's Paeony Flowered, and later still come the large-flowered, branching varieties that have been so greatly developed the past ten years. Don't think I mean that these varieties should be sown at different times. You may want a successional crop of any of them, but remember that if Boston or Queen of the Market and Semple's Branching were sown the same day the Queen of the Market would be cut and gone six weeks before Semple's showed the color of its petals.

Time was within the memory of many of us when it was thought impossible to get a good strain of aster seed unless it was imported in sealed packets from continental Europe at a most tony price. That time is past and our climate and our aster specialists provide us with the best of seed. For that matter, we have in this neighborhood a young man who has the right land, and right industry, and who brings into the town the finest asters the writer ever saw in any land,

Carnation Indianapolis.
(Vase of 200, not for Competition, Exhibited at Detroit.)



From the Left: Lawson.—Hill. Eclipse.—Dorner. Lawson.—Weber. Lawson.—B. & W. N. Fisher.—Thompson. Lawson.—C. C. Co.

The Six Entries in the Class for Dark Pink at the Detroit Convention.

The judges awarded first prize to the Vase on the right and second to Dorner's Eclipse, but another set of judges gave the Sweepstakes to the third Vase from the right.

and for ten years he has saved his own seed. We can all do it. It's merely a matter of selection. Yet I believe in division of labor, let the specialist supply you with seed.

Seed Sowing.

It is a long time since I have given my little talk on sowing seeds, and I hesitate to do so now, for it is like repeating an old story to the same old audience. But a few strangers have joined the audience, and so the old heads can look the other way.

I always did and always will consider that raising plants from seed (I allude particularly to our florists' flowers and plants) calls for the greatest skill, the greatest care and watchfulness of any of our florists' operations. We have any amount of young and old men calling themselves gardeners, who can stand up at the bench and pot or shift plants very proficiently, but few can be trusted to sow and care for the seeds of cineraria or begonia, or even asters and coarser seeds. Whatever soil may suit a plant in its future or maturer state, it is sure that a light or friable soil is what it needs to germinate in, for in nature a seed dropping from the parent plant or carried by the winds to a resting place, would not bury itself in the soil, but would merely be covered, if covered at all, by the decayed leaves of the year before. So make the compost for your seed flats light, either with the addition of sifted rotten manure or leaf mold or, what is excellent, well decayed refuse hops.

For asters and that kind of plants I prefer flats two inches in depth, putting one inch of coarse soil or manure in the bottom and filling up with an inch of the prepared, sifted compost. Make the surface as level as you can and press down with a smooth board, slightly, firmly and evenly. Then place your flats or seed pans on the floor and with a fine sprinkling rose water these flats till you think all the soil is moist. In ten minutes or so this watering will have soaked away and you can begin to sow. After the seed is sown another gentle pressure of the board imbeds the seed and you are ready for the covering of finely sifted soil. This last covering needs but the slightest wetting, which will not wash the seeds, as it would if you had to water sufficient to wet to a depth of two inches.

Somebody once said that a good rule was to cover seed the depth of its own thickness. This would mean that begonia or calceolaria should not be covered at all, which is about true. And the aster, phlox or seeds of that size should be just covered enough to hide them. Although we know there are many exceptions to this, a grain of wheat will force itself through soil forty times its thickness and an acorn will germinate in the forest with no covering. Just covered out of sight will do very well for nearly all our annuals except those minute seeds that you dare not attempt to cover at all.

A uniform moisture of the soil is the great essential until the seeds are well up through the soil, and after that full light, so that the little seedlings do not draw up spindling, is another. I meant to add earlier that we are all inclined to sow almost everything too thickly. Sow thinly. My chapter is now so long that I will ask permission to say something about the care of seedlings and their transplanting in our next.

William Scott.

GREENFLY OR APHIS.

I have noticed several complaints in your paper concerning the aphis or greenfly, which seems to give so much trouble to many florists and gardeners. We used to have great trouble with them, especially on roses and sweet pea vines planted outside. The plants being in the open air, we could not use tobacco smoke to advantage. We tried kerosene emulsion, but found that if we used it strong enough to kill the aphides the plants were burned by the solution.

As some of our roses were rather small, we began feeding them nitrate of soda, and in so doing discovered a sure remedy against greenfly or aphis. A few days after the first application of nitrate we noticed that the aphides had disappeared. On looking over the plants we found the bodies of a few of them. They were of a light brown color and were all dead.

We next tried the nitrate on the pea vines, and drove the pest from them also. The past year we had a bed of Helen Gould roses which became infested with greenfly; we applied nitrate and in two weeks they had all disappeared. The remedy is much easier applied in greenhouses than tobacco smoke. It does not discolor the flowers and is cheap.

In explanation, the aphides seem to go only to those plants which are not growing well or, in the case of roses, to those which have been attacked by black spot or mildew. The aphis will not suck the sap of a healthy plant. Nitrate of soda furnishes nitrogen in a quickly available form, the results from its use being seen in twenty-four hours. It purifies the sap of the plant and starts it into vigorous growth. Its presence in the sap seems to be poison to the aphides.

We use one tablespoonful to a twelve quart pail of water, giving the plants a thorough watering. A second application should be given in about two weeks if necessary. Rose growers especially should try this remedy and see for themselves.

Ray H. Palmer.

MOSS EVERYWHERE.

Would you please let me know through your valuable paper the reason why all the pots and the soil in them in my greenhouses are covered with a thick layer of moss. W. G.

It is almost impossible in a few months for a thick layer of moss to grow on either soil or pots, and a few months is as long as the majority of our greenhouse plants occupy the same pot. We have seen azaleas and camellias and other so-called hard-wooded plants occupying the same pot for years become moss grown on the surface of the soil, and the pots green with another species of "moss." The word moss covers a multitude of humble plants, perhaps thousands of species.

The old oaken bucket that hangs in the well, the poet tells us, was covered with moss but there is no authentic information as to whether that dear old vessel that elevated this temperance drink was enshrouded with sphagnum, Iceland moss or Selaginella denticulata.

Want of drainage is one of the principal causes of moss growing either on the soil of greenhouse plants or in pastures outside. If sod taken from a low, undrained piece of ground is used for any of our indoor crops, moss will be sure to appear. The damp exterior surface of our common flower pots is an excellent medium for the ever present spores of these low plant organisms to vegetate and the surface of the soil in a poorly drained plant constantly moist is another. Briefly, I would say want of

proper ventilation and an unhealthy dampness is the main cause of moss on soil and pots and free circulation with a healthy atmosphere the best preventive.
W. S.

ROSE STOCKS.

Can roses for greenhouse culture be grafted on hardy northern-grown wild roses and give the same result as grafted on Manetti stock? We have unlimited quantities of the former here and can use first-class stock. A. N.

This is a question that could be answered by simply saying to A. N., try some stock of your native roses and you will soon find out whether it is practical and would pay. In western New York our wild roses are not found in such quantities that it would begin to pay. There is no doubt that if you had stocks of your native rose in the right size and condition that a successful graft could be made. But could you make cuttings and get them to the right size and condition or dig up small plants of your rose at anything like the price at which you can buy the Manetti stocks? I don't believe you could.

In Europe there used to be a method and perhaps is still, of grafting the hybrid perpetual roses on pieces of root of the wild briar. It was done in midwinter. When the graft was made they were stored away in some cool place, such as a cold frame or cool house, and planted in the open ground in April. This, however, is foreign to the subject. If A. N. is familiar with the operation of grafting our greenhouse roses on the Manetti stock, as is now so largely practiced by all the leading growers, I would say by all means give the native rose a trial for this purpose. W. S.

CANNAS.

As we grow more cannas for general bedding than any other plant, we have made several experiments, especially with the Tarrytown canna, which is the finest canna for color, amount of bloom and dwarf habit we have ever tried. This canna should be started at least two weeks before other varieties. Now is a good time to start them, as it takes longer to root this variety than any canna we have had in the bench with it. Also a little longer to recuperate after being potted.

We find the sand or propagating bench a better place to root these tubers than in flats under the bench. They can be given better attention in less time and make stronger plants and give better results than those long-drawn, often forgotten cannas you frequently see under the bench. As it does not take a great amount of room in the sand they can be closely packed together, leaving a space of one to two inches between rows, with the eyes just above the surface of the sand.

One-eyed tubers are the best, with not too large or small amount of tuber; two inches long is about right. Of course this sometimes depends a great deal on the size of tubers and variety. Some cannas produce very large tubers, with eyes far apart, while others are small and the eyes close together, and of course would have to be cut smaller anyway, so they can be nicely potted in 4-inch pots. That size pot is plenty large enough.

We used for potting last year's rose soil with about one-fifth well-rotted cow manure with a little sprinkling of lime. We ran this through a half-inch mesh sieve, then through a quarter-inch mesh. The coarse soil that remains in the last mesh we used for drainage, which generally contains little lumps of manure, soil, etc., which will give better drainage than pieces of broken pots, also it helps to stimulate the roots. Cannas like a great amount of water, but the soil must not become sour or soggy; therefore they require plenty of drainage. We fill the pot a quarter full of this and by the time you are ready to set out your plants you will find the roots perfectly matted aronnd the drainage material. The best time to water cannas is late in the afternoon; give them a good watering and they will get more benefit than if watered in the morning.

The tubers should be potted as soon as the roots are about one inch long and will do better than if allowed to run in the sand until it takes, perhaps, a 6-inch pot to hold them. Cannas should be pot-bound at least two weeks before setting out in the beds, so as to start new shoots. About that time we give them a good watering with liquid cow manure. All our common varieties of cannas can be started about March 15. Plants treated in this manner will make nice, thrifty plants by the middle of May, with from one to four nice shoots that will be nicely in bloom in June.

Sixty degrees is about right for cannas. They like plenty of light if they can get it, but will do well with less. We grow our cannas in a north lean-to, running east and west, with only the sun on the east end in the morning and west end in the afternoon. We are not canna experts, or am I writing this for old canna growers, but for those just beginning. If there are florists who have a better way to handle the plants we would be pleased to hear from them.
Chas. R. Rode.

Bride and Bridesmaid Maxima Superba.
(Exhibit of Frank Holznagle at the Detroit Convention.)

WORLD'S FAIR EXHIBITIONS.

The following is the schedule of flower shows to be held at the St. Louis World's Fair during the season:

All entries must be received three days previous to first date of exhibit.
May 2-7.—Carnations.
May 9-14.—Pansies.
May 16-21—Tender Roses.
May 23-28.—Peonies.
May 30-June 4.—
June 6-11.—Hardy Roses.
June 13-18.—Sweet Peas.
June 20-25.—Sweet Peas.
June 27-July 2.—Cannas.
July 4-9.—Cannas.
July 11-16.—Cut Flowers (Florists).
July 18-23.—Cut Flowers (Amateurs).
July 25-30.—
August 1-6.—Gladioli (Local).
August 8-13.—Asters.
S. A. F. Week General Decorations.
August 22-27.—Gladioli (Outside).
August 29-September 3.—Gladioli.
September 5-10.—Tuberoses.
September 12-17.—Dahlias.
September 19-24.—Dahlias.
September 26-October 1.—Aquatics.
October 3-8.—Show by St. Louis Florists' Club.
October 10-15.—
October 17-22.—Wild Flower Exhibit.
October 24-29.—Natural Decorations by Children.
October 31-November 5.—
November 7-12.—Pot Chrysanthemums.
November 14-19.—Cut Chrysanthemums.
November 21-26.—
Blanks are open dates for pomological exhibits.

BOSTON DISCUSSIONS.

The following are among the topics announced for discussion before the Massachusetts Horticultural Society at approaching meetings.

March 12. "The Gladiolus," by Arthur Cowee, Berlin, N. Y.

March 19. "A Talk on Orchid Culture," by W. N. Craig, North Easton, Mass.

March 26. "Peonies," by George C. Watson, Philadelphia.

Tyrell, Tex.—E. H. R. Green has built a range of greenhouses 100x150 on the very fine place he is equipping here.

Cambridge City, Ind.—Milton Gaas has purchased the Hartje greenhouse and will move it to Capitol hill.

DISPOSING OF OLD PLANTS.

Not so very many years ago it was the practice to consign to the rubbish heap all the old plants thrown out when preparations were begun for replanting the rose houses. But lately it has been found that there is a profitable market for the Beauty plants and very many thousands are sold each spring for planting in the garden. At first the sale was through the houses which have big mail trade, but soon the florists through the country were each buying a few hundred plants from some big grower and retailing them to their home trade. But it remained for that enterprising firm, the Heller Bros., of New Castle, to demonstrate the feasibility of going direct to the public with their offer of plants. This they did last year for the first time, expending several hundreds of dollars in advertising in magazines of large circulation. They asked what looked to the trade like a big price for the plants, but offered to prepay all stock to destination. A good price was necessary to cover cost of advertising when, as in the Ladies' Home Journal, space cost $84 an inch for one insertion; but that the results were satisfactory is shown by the fact that they are at it again this spring with some very attractive advertisements.

CUTTING BENCH FUNGUS.

Kindly give me some remedy for fungus in the cutting bed. It is almost impossible for us to get new sand during the winter and we have had a great deal of trouble with fungus lately. Would sterilizing the sand answer the purpose, and how would you go about it, or what else would you recommend? L. G.

If fresh, clean sand cannot be had the next best move would be to get coke screenings from the nearest gas house. I have never known bench fungus to affect cuttings where this material was used as the propagating medium, but as a precaution it would be well to thoroughly wash the bench and give it a coat of hot lime wash before filling. When the sand is so badly infected as this appears to be, it is taking too much of a risk to use it again, even after being sterilized, the latent spores of such low forms of vegetable life being very difficult to destroy. Ribes.

THE READERS' CORNER.

Firing and Other Notes.

Ed. Review:—I am glad to see that you give night firemen space in your paper to express their views, as it gives the novice a chance to learn and ask questions. I quite agree with the fireman who has nineteen houses and two boilers; he does not need any odd jobs to keep him awake. I at present have two houses, one 20x50 feet, the other 20x30 feet, standing end to end. The partition has been taken out and they are operated as one house. There is another house 20x100, which we are not running yet. These houses stand east and west, contrary to local greenhouse etiquette. I suppose the builder, like the tailor, cut his garment according to his cloth. I have a small boiler, with fifty 2-inch flues, and a high brick smokestack. Firing is comparatively easy and I am glad of small jobs to pass away the time.

Mme. Chatenay as Exhibited at Detroit by Peter Reinberg.

One question I would like to have explained by some of the craft is why a fire consumes more coal the first half of the night than the second half. Whether the temperature be cold or moderate outside, I burn a third more coal from 7 p. m. to midnight than I do from midnight to 7 a. m. I hold the temperature inside steadily at from 60 to 65 degrees. I would like to know what slack coal is costing in the States. Here in Ontario, at present prices, a good sized coal pile is better than a small bank account.

George Lloyd, who up to three years ago ran a general florist and nursery business in Napanee, has had some experience in starting up plants in midwinter. Two years ago last December he thawed out two houses for Miss L. O'Sullivan, of West Superior, Wis., and brought them out successfully. On January 2d he took charge of where I now fire. It was in a very dilapidated condition, everything frozen up, over 200 panes of glass out and snow two feet deep in some parts of the houses. He patched the glass, started the fires and proceeded to build benches and fill them. He has radishes, cucumbers and lettuce up and a stock of florist's plants under way for spring. Sunshine is a very scarce article here; too much zero weather. R. E. Norvell.

Tuberous Begonias.

Ed. Review:—I notice that G. F. H., in your issue of February 18, asks for suggestions regarding suitable plants to grow in beds on the east side of a residence shaded on the south by tall trees, but getting the morning sun. The gorgeous tuberous begonia will distance all competition in such a situation, or on the north side of a house. It is a magnificent flower and when once tried in such a location, where it will not get the hot sun between 11 a. m. and 4 p. m., will never be abandoned. The singles are the best bedders. I have grown them for the past seven summers on the Michigan Reformatory grounds, with prison labor without the aid of a florist, so I assume they are not difficult to handle. For early flowering I start them under glass about April 1, or they may be planted in the open ground the first week in May and will flower the middle of July.

Otis Fuller.

Twinned Boilers.

Ed. Review:—In answer to F. W. in Review of January 14, I would say avoid check valves; they are a delusion and a snare. I would suggest that you have the returns enter the boiler No. 1 only. Have it come in half way up the diameter of the boiler; do not enter at bottom. Place a good, tested valve in the return close to the boiler. Next run a pipe from No. 1 to No. 2, placing a valve in it facing No. 2, tapping into each boiler half way up the side. Connect both boilers to the flow at the top, placing a valve on each boiler. To operate we fire No. 2 the hardest. When the water gets low in the gauge of No. 2 we go to No. 1 and close the valve on the return to prevent the water from backing out into the mains. Close the valve on the top of No. 1 to raise the steam pressure, open the valve connecting

No. 1 to No. 2 to allow the water to flow from No. 1 into No. 2. In about one minute you have the surplus water from No. 1 in No. 2. Close the valve and open the flow and return valves on No. 1 it will immediately fill up from the return. It requires no more attention than a steam trap does. J. J. L.

A CASE FOR THE COURTS.

Ed. Review:—I herewith send you several pieces of glass, also some branches of roses. The glass is of a house 22x100 feet. The center bed is ten feet wide and there are two side benches, three feet each. The house runs east and west and has the sun from morning till night. The south bench does not shade the bed of Brides and Bridesmaids, as the bed is eighteen inches high. It contains 350 roses two years old next June, and 160 one year old in June. Last fall we were getting a good cut of roses daily. In the house described I have Brides and Bridesmaids for four years, the same plants in solid beds and they always did fine. I remember one winter the plants, three years old then, made a wonderful growth of three and four shoots to the plant from the roots, some as thick as my thumb. They had a night temperature of 56 to 60 degrees and 65 to 70 degrees in the daytime if cloudy, with sunshine 70 to 75 degrees. With such treatment I had always success until this winter.

There is a power house of an electric street railway about 500 feet east of my place, which was put up two years ago. I have been in this place since 1903. The plant has a steam exhaust that carries with the steam an oily substance. Quite frequently, if we have an east wind, it comes over the greenhouses and settles on the glass. One can usually feel it in the face and on the bare hands as it comes down. In the last three months it has covered the glass of my greenhouses with a black substance of an oily nature that water does not touch. I find it necessary to get on the roof with a rag and rub hard to clean the glass. I cleaned six rows of glass, then I placed a thermometer under the cleaned glass in the sun and it indicated 80 degrees. I placed it under the dirty glass the same distance from the ground as before and it showed only 74 degrees. The glass being covered, shaded the roses to such an extent that they are worthless. The growth is yellow and small. I will have to plant the house with young roses this spring.

In the other house, 30x100 feet, I have callas that do not come out white; the flowers stay green. The Harrisii are also affected. The stock plants of chrysanthemums make long, weak, spindly growths, no good to use as cuttings. The geraniums and other bedding plants are also growing spindly and soft. The temperature at night runs from 54 to 58 degrees, in the daytime 60 to 70 degrees if cloudy and 70 to 75 degrees with sunshine.

I would like to have the opinion of some of the leading growers, telling me what I am entitled to from the street railway company for damages, not having cut more than one dozen roses daily and these of no value, for the last three months, finding it necessary to replant the house with young roses this spring, consequently not having any roses to cut before September also the buying of 3,000 chrysanthemums, 2-inch, the lilies not blooming and all the 10,000 4-inch pot plants being affected by the coating on the roof.

Besides the exhaust, they have a pile of hot ashes outside smoking continually and throwing off sulphurous fumes, which affect a person's throat 500 feet away. The fumes certainly have a bad effect on the soft growth. The pile of ashes is at least 40x40 feet square and six feet deep. The main part of it is continually burning and smoking.

I invited several florists to see the roofs and they all say they never saw anything like it before. Different parties tell me that the street railway company is putting a certain oil in the steam cylinders, which is carried off with the exhaust. Fresh fallen snow around their building turns yellow in a few hours and their own slate roof is full of the same substance.

I would like to hear from florists who have had damage suits similar to my case. Chas. Lindacher.

John Cook's New Pink Rose, Enchantress.

TROUBLE WITH BULBS.

My hyacinths and bulbs are affected by mealy bugs and some other kind of bugs that look like the woodtick. It is the size of a radish seed, color pinkish. The flower pot is also full of thin, white worms. What is the cause of them; also what can I do to get rid of them?

G. W. K.

I cannot account for the presence of mealy bugs on your hyacinths and other bulbs, unless you have other plants in the same house infested with this dirty insect, and then it would be strange that the bugs would travel to the hyacinths in the few weeks they have been in the greenhouse. From the description of the other creature, "the size of a radish seed," I can t determine what it is. The "thin, white worms" also add to these distressing circumstances.

As soon as spring trade is over and your houses can be temporarily emptied, burn sulphur in the house, paint the interior, remove every particle of soil and begin with a fresh supply and you must get rid of these pests. For immediate help syringe the hyacinths hard and that will remove the mealy bug. For the worms in the soil put a piece of quick lime the size of your fist in twenty gallons of water and when dissolved and the water is clear, give the plants one watering with this lime water. This will bring angle worms to the surface to perish and it will most likely kill your white worms. W. S.

Frankfort, Ind.—H. M. Humfeld lost 528 panes of glass and Emil Knabe 250 panes in the first hail storm of the season, February 29.

El Reno, Okla.—J. W. Perry has only one house, 16x175, but reports a fine trade in cut flowers, and will add to it for next season.

ST. LOUIS.

The Market.

March was ushered in like a little lamb. The florists finished up their orders for a few late social gatherings and the effect of Lent is felt somewhat at present, though orders for funerals have kept up. This is about all the work that is going on at the present time. Prices on all kinds of stock are on the downward grade, this being particularly so with carnations and violets. Stock of all kinds is very plentiful, also of extra good quality. Roses are more abundant of late and the demand not as active as for other stock. American Beauties are of better color and long-stemmed stock is more plentiful, with prices ranging from $3 to $6 per dozen for the best. Brides and Maids run 6 to 8 cents, seconds 3 to 5 cents. Meteors are very plentiful, with a slow demand.

Carnations are of fine quality and more are in the market than the demand calls for. The price on fancy stock is down to 4 cents; 2 and 3 cents for the other grades. In 1,000 lots the price is $15. A few more bright days will no doubt bring on a big glut. Violets are badly overstocked and the wholesalers have great difficulty in moving them; 30 cents per 100 and $2.50 in 1,000 lots is the price just now.

In bulbous stock the market has plenty of everything to offer at greatly reduced prices. Lily of the valley is a drug and can't be moved at any price. Romans, Paper Whites and tulips sell slowly. Harrisii is coming in fine at $2 per dozen for the long-stemmed and $1.50 for the shorter ones. Pink and white sweet peas are fine, but with rather short stems. These sell well at 50 cents per 100. Smilax is very scarce in this market at 20 cents per string. Common ferns are up to $3 per 1,000. Some fine adiantum brings $1 per 100.

Executive Committee Meeting.

The executive committee of the S. A. F. met in St. Louis Saturday and Monday. Those who attended the meeting were President Breitmeyer, of Detroit; Vice President Beneke, St. Louis; Secretary Stewart, of Boston; Treasurer Beatty, of Oil City, Pa.; H. M. Altick, of Dayton, O.; Theodore Wirth, of Hartford, Conn.; Philip J. Hauswirth, of Chicago; G. M. Kellogg, of Pleasant Hill, Mo.; J. F. Ammann, of Edwardsville, Ill.; R. F. Tesson and Otto Koenig, of St. Louis. The delegates were met at the depot by Messrs. Beneke and Koenig and were escorted in an automobile to the Southern hotel, where they at once went into session. In the evening they were the guests of the St. Louis Florists' Club at a banquet, held at the Missouri Athletic Club. This was a very fine affair. The tables were decorated with La Detroit roses, for which we have to thank J. F. Sullivan, of Detroit, which was a great surprise to our president. Other decorations consisted of carnations and violets. Mr. Beneke acted as toastmaster. All the delegates responded to a call with remarks for the good of the S. A. F. and the next convention. Sunday was taken up with a trolley ride to the World's Fair grounds, which was a great treat to the delegates and the members of the local club as well. At the grounds we were the guests of F. W. Taylor and J. H. Hadkinson. We were taken in wagonettes and shown over the grounds. After seeing all the sights (which were such as to surprise our Chicago friend, Philip Hauswirth) we were taken to the English building as the guests of Mr. Brown, the English landscape gardener in charge, who served refreshments, which were very much relished. The evening was spent at the theater. Monday the executive session was resumed and at 11 a. m. all the work was finished for the next convention. The afternoon was taken up sightseeing about the city. The evening was spent at the bowling alleys, after which the delegates departed for home, satisfied that the next convention of the S. A. F. will be the greatest in its history.

C. A. Kuehn.
(Superintendent Trade Exhibition, S. A. F., St. Louis, 1904.)

Club Meeting.

The Florists' Club held its regular meeting March 3. The meeting was attended by thirty members, who took great interest in the proceedings. The entertainment committee reported that the entertainment and hop given by the club last month was a financial success, and was discharged with thanks. The blue book committee reported through its chairman, F. C. Weber, that they had completed their work and the book is in the hands of the secretary, at the disposal of members only. F. W. Maas was elected a member. Frank H. Weber, who is vice president of the American Association of Nurserymen, made application for membership. F. Laudermilch, of Kirkwood, Mo., exhibited his new white seedling carnation, which was fairly well thought of by the committee. J. H. Hadkinson, superintendent of floriculture at the World's Fair, read an interesting paper on "Landscape Gardening at the World's Fair," to which the members listened attentively. It brought out a big discussion. After this Henry Emmons of Belleville, lead a discussion on "Propagating Geraniums." Both gentlemen received a hearty vote of thanks for their efforts. Messrs. Miller, Sanders and Herzog, our sick members, were reported as doing nicely and out of danger. All three expect to be present at the next meeting.

April 14 will be rose meeting, with prizes of $5, $3 and $2 for the best vases of twenty-five roses, American Beauties excepted, open to local growers only. Any new roses from the outside for exhibition will be appreciated by the members. It was decided that after this all exhibits will be judged by points, which will be more satisfactory to the exhibitors. At this meeting George Windler will read an essay on "Pot Grown Chrysanthemums," and John Steidle, of Clayton, will lead a discussion on "Field Planting and Growing Carnations."

Among the out-of-town members who attended the last meeting were J. F. Ammann, of Edwardsville; Adolph Fehr and Henry Emmons, of Belleville; Henry Johann, of Collinsville; F. W. Ude, Jr., W. J. Pilcher and Hugo Gross, of Kirkwood; John Steinecke, of Old Orchard; Joseph Furber, of Webster Groves; John Steidle, J. W. Dunford and Robert F. Tesson, of Clayton.

Next week a meeting will be called of all the chairmen of the different committees who have charge of the affairs of the S. A. F. convention, in order to review the work done by the executive board and from that time on the committees will start work perfecting their plans for the coming convention. The

meeting will be presided over by the vice-president of the society. All chairmen will receive notice when and where to meet.

Notes.

H. G. Ude has left Kirkwood and is now located at Richmond, Ind., but not in the flower business. H. Hartman, who was formerly employed by Mr. Ude, is now in charge of the place.

The father of Wm. Adels died on March 4, after an illness of three weeks. Mr. Adels has the sympathy of the trade.

Bowling.

The Florists' Bowling Club entertained the executive board of the S. A. F. and other visitors on Monday night. Our visitors were Theo. Wirth, H. M. Altick, Phil Hauswirth, L. B. Craw, H. B. Beatty and Paul Berkowitz. The following scores were made during the evening:

Team No. 1—	1st	2nd	3rd	4th	T'l
J. J. Beneke	147	181	156	202	686
Theo. Miller	167	177	164	153	661
E. W. Guy	113	142	144	145	544
F. M. Ellis	141	126	102	116	485
Phil Hauswirth	164	159	143	173	639
Totals	732	785	709	789	3015

Team No. 2—	1st	2nd	3rd	4th	T'l
C. A. Knehn	199	178	186	147	710
A. Y. Ellison	183	190	180	188	741
O. R. Beneke	143	147	136	145	541
H. M. Altick	119	109	107	124	459
F. C. Weber	135	115	182	126	558
Totals	779	739	791	700	3009

Team No. 3—	1st	2nd	3rd	T'l
Theo. Wirth	152	127	121	400
F. H. Meinhardt	143	112	182	437
R. F. Tesson	141	178	148	467
John Young	106	100	129	335
L. B. Craw	75	102	87	254
F. Weber, Jr.	154	135	126	415
Totals	769	754	793	2308

J. J. B.

NEW YORK.

The Market.

Monday was one of the most disagreeable days of the year. A cold, drizzling rain from early morning until long after midnight added to the stagnation in the wholesale market. There was literally nothing doing in the florist business and conditions give little evidence of improvement during the continuance of Lent. There is an abundance of everything, prices have sagged steadily and the weather has retired the street venders, so that even at unprecedented low prices these gentry hold aloof and so destroy this last hope of clearing the ice boxes and giving a semblance of demand to meet the enormous supply.

Bulbous stock is in evidence everywhere. Fine narcissi are offered at $1 a dozen bunches. Tulips are unsalable at any price and as to violets, the very best do not go above 35 cents and hundreds of thousands have cleaned up at $1 a 1,000. On Monday I saw a box of 5,500 splendid single violets, thrown into the barrel utterly unsalable. But the bottom has certainly been reached and the improvement will soon begin. Easter is so near that a general feeling of hope and expectation prevails.

Various Notes.

The first auction of the season took place at Elliott's on Tuesday. A fair attendance and good prices encouraged the veteran autocrat of the gavel and from now on every Friday and Tuesday, the voice of the spring harbinger will be heard until further notice. Next week there will be offerings of Easter goods and the amount of importations of hardy stock for this purpose this season is exceptionally large.

All arrangements for rose night at the New York Florists' Club, Eighth avenue and Twenty-third street, are now completed. A splendid exhibit by many of the leading rose growers of the country is assured and a very large attendance is anticipated. All florists, whether members of the club or not, are cordially invited to attend. The bowling club will meet at its alleys at 3 p. m. on Monday. The membership of the club is growing steadily and the attendance constantly increasing.

Dr. F. M. Hexamer, the veteran of the American Institute, is very ill with rheumatism at his home in Stamford, Conn.

Ralph Perkins is not expected to recover from a second attack of pneumonia and pleurisy.

On Saturday the father of E. B. Dunne, of West Thirtieth street, died of pneumonia, after a six weeks' illness, at the age of 78.

The mother of Chas. Habermann, the retail florist of One Hundred and First street and Broadway, died last week of asthma.

R. W. Young, of Avondale, N. J., is sending some splendid shipments of sweet peas to John Young of West Twenty-eighth street.

Jas. McManus says the demand for orchids continues brisk from out-of-town buyers and shipments to other cities are made by him daily.

The amount of violets left over last Sunday was enormous. One wholesaler on Twenty-ninth street had over 100,000 to dispose of Monday. It was a slaughter.

The New York visitors to the Detroit convention have a very happy experience to remember, judging by their enthusiastic references to the trip. Mrs. Guttman, the only lady visitor from the east, was especially delighted with the courtesy manifested and the delightful time afforded at the theater and banquet by the Detroit ladies. Mr. Guttman says the craft misses an invaluable opportunity for benefit by failing to attend the conventions and that every man who takes a practical interest in his business cannot afford to miss them. He considered the banquet and entertainment provided the most elaborate and enjoyable in his experience. Everything was most creditable to the Detroit Club. Mr. and Mrs. Guttman visited Buffalo and the Falls on their return. Adam A. Treppel, of Brooklyn, has been added to Mr. Guttman's force of salesmen.

President Traendly and Jno. B. Nugent, who traveled together to Detroit, arrived home on Saturday in good condition and full of enthusiasm, and gave a glowing account of the exhibition and the generous reception accorded them by the Detroit brethren. They were particularly reminiscent as to the banquet and vaudeville entertainment, the visit to the baths at Mt. Clemens and the glories of the new rose at President Breitmeyer's, which they say is sure to become very popular and to meet with universal demand.

Geo. Bradshaw has added fern balls and lilies in pots to his supply department and is handling large quantities of fine smilax and Sprengeri daily.

Fred Zahn, who has been very ill for three months, has entirely recovered his health and his many friends in the trade will be glad to know he expects to open his new store on One Hundred and Twenty-fifth street, in time for the Easter trade. His present address is 137 West One Hundred and Twenty-sixth street. His experience in floral decorating covers a period of over twenty years in New York City.

Johann C. O. Schulze, of West Nyack, disappeared December 21, from G. E. Bradshaw's wholesale store, 53 West Twenty-eighth street, and has not been seen nor heard from since that time. Any information as to his whereabouts would be gratefully received, either by Mr. Bradshaw or by the wife, Mrs. Schulze, at West Nyack, N. Y. His age is 41, height five feet two inches, round face, sandy mustache, gray hair, light blue eyes, the right lid partially closed, weight 160 pounds. It is thought that he is in the west. He had considerable money with him the day he disappeared.

The bowlers are doing finely. The attendance increases each week and the scores show that there will be close rivalry for positions on the strong team which will represent New York at the St. Louis convention. Following are four games of Monday night's scores:

Player—	1st	2nd	3rd	4th
Haffner	148	173	178	147
Lang	167	169	159	157
Siebrecht	144	163	155	179
Traendly	135	157	183	141
O'Mara	156	168	112	133
Mansfield	118	148	168	137
Nugent	75	86	100	122
Thielman	164	133	158	182
Sampson	150	138	134	122
Shaw	135	158	135	133
Frank	125	107	113	144
Gibbs	161	134	130	...
Roehrs	123	115	...	...

J. Austin Shaw.

PHILADELPHIA.

The Market.

The volume of business continues to exceed expectations. Lent is proving better than the rather quiet winter led one to expect. Roses are not very plentiful, though Liberties are coming in more freely. Beauties are still scarce, with no immediate prospects of a heavy increase. The changes in the market from last week's report are the increased quantity of Easter lilies, all the commission houses and the Flower Market being well supplied; the demand for gardenias, which are taking well at reduced rates, and the falling off in demand for sweet peas, which will probably come to the front again immediately after Easter. There are some good varieties of fancy tulips to be had in limited quantities and thousands of daffodils.

Commission House Change.

The firm of C. F. Edgar & Co. has succeeded C. A. Dunn & Co., at 1516 and 1518 Sansom street. Mr. Edgar, who has been with the old firm since it started last fall, has just returned from a flying trip through the center of the state, where he received many assurances of support from both growers and buyers. The firm's growers have shown their confidence to a man by continuing regular shipments while several new consignors have been added to the list. Mr. Edgar and his able assistant, Mr. Muth, have the best wishes of their many friends for the success of their enterprise.

Propagating Dahlias.

We are indebted to W. P. Peacock, of Atco, N. J., for some valuable ideas on this subject, as follows: "We have just had a photograph taken of three roots of the new dahlia, Kriemhilde, raised from cuttings described by some as 'a weak thing.' Two of these, which were about the average size, or a little over the average, weight one and one-half pounds, while the largest one weighed three and one-quarter pounds. In order to show the comparative sizes we had a foot rule photographed right with the roots. We used the rule so as to show the comparative size of the roots and that it actually weighed what the number called for. We used the variety Kriemhilde because it is the bang-up variety just introduced from the other side, and of which there were no roots in this country raised from divided roots. Many other varieties grow much larger, and of course others grow much smaller, but we took roots of this variety for the above stated reasons. In addition we do not think it is right to show a dahlia root on the basis that a root is a root, as no two varieties are exactly alike, or grow exactly the same size, and it is best, therefore, to come right down to a given variety and there is, of course, then a basis for estimating in other varieties."

Notes.

Leo Niessen has been receiving gardenias ever since New Years from John Wilde, of Swarthmore, Pa.

The Flower Market is receiving some splendid Mrs. Lawson and other choice carnations from Charles A. Schaefer, of York, Pa.

Henry A. Dreer Co., report an excellent demand for small palms and ferns throughout February. They have already accepted orders for azaleas in large numbers for Easter delivery.

William Munro, of Lansdowne, Pa., is sending fine Bridesmaids to Edward Reid.

Eugene Bernheimer is pleased with the season's business so far. The quantity of stock marketed exceeds that of last season. While prices have not, of course, been so good the returns have averaged well. He believes that carnation growers with a limited amount of glass should confine themselves to three or four varieties that do best with them, paying special attention to a good white. Mr. Bernheimer has just returned from a flying trip among the growers.

Mrs. Smith, of the firm of Smith & Fetters, Cleveland, Ohio, was a visitor in this city recently.

The Henry F. Michell Co. has about completed the improvements, which make the store one of the finest in the city. The show windows are very attractive.

Robert Scott & Son, Sharon Hill, Pa., have a fine lot of Crimson Ramblers in large pots, carefully trained into the round shapes so desirable.

Leo Niessen was able to furnish the Wm. Graham Co. with $100 worth of Acacia pubescens for a decoration. This would have been an impossibility a few years ago.

The Florists' Club will tender a complimentary banquet to the American Rose Society, when it meets in this city week after next.

Wm. J. Baker continues to handle a fine lot of fancy and standard carnations.

D. T. Conner, representing the Lord & Burnham Co., has contracted with George H. Burk, Atlantic City, N. J., for one new greenhouse, and also with John Burton, Wyndmoor, Pa., for one large house to replace a house to be torn down shortly. Mr. Conner has a number of inquiries for new houses and expects a busy season.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

Question No. 7.—Will Prosperity bloom earlier if propagated in December and housed in August? Probably it will. A better plan for securing early bloom is to grow it indoors all summer.

Question No. 8.—Will Estelle give good results when propagated from plump tops? Yes, and you can get more cuttings that way.

Question No. 9.—Is Governor Roosevelt superior to General Gomez as a commercial variety? Governor Roosevelt has not proven entirely satisfactory throughout this country. It appears to be very subject to rust. Harlowarden is today considered better than either. Phil.

CHICAGO.

The Market.

The market has shown little change during the past week, mid-Lenten conditions prevailing. There are ample supplies of stock in all lines and quality is good in almost all items. Good Beauties are the one thing which are not seen in large numbers. Of Brides, Maids and other roses there are enough for all requirements and nearly all the growers are cutting first-class stock. Liberty is in the lightest supply of any of the smaller roses.

Carnations are of fancy grade with most of the growers and the supplies are large. In fact, during the week prices have been below the dollar mark for a very fair grade of goods. White is holding a little firmer than the colors because the principal demand is for funeral flowers. Local trade is very quiet indeed, but shipping business is fairly active, although most of the orders are small. Now and then a department store special sale cleans up the market on carnations.

Easter lilies and callas are very abundant and making slow sales. Prices have taken a drop in this department. The receipts of tulips and other bulbous stock are hardly as heavy as a week ago, but no better values are being obtained. Violets are still coming in heavily from the east and it looks as though they would not find much improvement in sale before the Easter business. Green goods are in demand, the use of asparagus having become general with the retailers. There are ample supplies in all lines.

Various Notes.

Those who have canvassed the Easter lily situation report that there will be plenty of lilies, although not so many as a year ago. Of quality not much can be said. Good lilies will be good property before the Easter business is over.

Poehlmann Bros. Company has concluded to add another 100,000 feet of glass to their range this season. They will also rebuild several of their old houses, and have placed an order for 5,000 feet of Garland's iron gutter and the necessary iron posts.

It is stated that J. D. Thompson is now the owner of all the stock in the Thompson Carnation Co., of which he is now the president.

The Florists' Club held its regular meeting at Handel Hall last evening. There was a good attendance and considerable business of importance.

William Kroeschell was a day late in getting to the Detroit convention, because of a trip to St. Louis to secure an order amounting to $35,000, which he landed last week Tuesday.

Benthey & Co. have their plant nearly all in three-year-old roses and are cutting very fine stock. Most of the establishment will be planted with young stock this season.

W. J. Palmer, of Buffalo, was one of the week's visitors. James McHutchison, of New York, was in town on business and J. A. Valentine stopped a few days enroute home from the convention.

P. J. Hauswirth attended the meeting of the S. A. F. executive committee at St. Louis from Saturday to Monday.

In a shipment of eastern violets Kennicott Bros. Co. found the phenomenal bloom of the season. It was as big as, and had as many petals as are found in many a bunch of Lady Campbell.

George Reinberg reports the rooted cutting trade booming at present.

L. Coatsworth went over to Canada after the convention for a visit to his old home.

Peter Reinberg showed a fine vase of Chatenay rose at the Louisville club meeting Tuesday.

John P. Risch is doing jury duty this week.

James Curran, formerly with Oscar Friedman, is now with Johnson & Swan and Johnson & Swan's man has taken Mr. Curran's place with Friedman.

C. W. McKellar is again getting cattleyas.

PITTSBURG.

The Market.

The supply of all kinds of flowers is quite heavy and fine stock is offered at exceptionally low prices. The only noticeable shortage is first-class American Beauties; these are very scarce. The few days of warm sunshine produced a heavy crop of Maids and Brides, and prices have dropped to $10 per 100 for fancy stock; medium and smaller grades are offered as low as $3 per 100. Brides are moving out while Maids accumulate. The supply of carnations is increasing; they sell at $1 to $3 per 100, and in 1,000 lots the finest stock can be bought at $20. Good lilies are plentiful enough and meet with fair demand; inferior flowers one can buy at $4 to $6 per 100. In tulips, narcissi, daffodils, sweet peas, valley and violets large accumulations exist and are offered in quantities at extremely low figures.

Various Notes.

Our delegates who attended the Carnation Society's meeting in Detroit returned last Saturday. At the Florists' Club meeting next Tuesday, March 15, we will hear the report. By good authority I am informed that John Mur-

chie's new white carnation, which he has named Fred Burki, was one of the best white carnations at the convention; its size, stem and lasting qualities all surely demonstrated this fact.

The recent floods destroyed many of the railroad and county bridges between Bakerstown and this city, which impedes all traffic for the growers from that section. It was necessary for the Pittsburg Rose & Carnation Co., J. L. Wyland, W. F. Westhoff, A. Lorch & Co. and Wm. Hoffman to haul their flowers across the country last week.

M. C. Dunlevy & Sons, of Carnegie, are shipping the Pittsburg Cut Flower Co. quantities of very fine bulbous stock, among which is a trumpet narcissus worthy of mention, named Sir Watkins. It has light yellow petals with dark trumpet.

Uncle John Wyland well foretold this cold winter last fall. He guessed it from the goosebone. He said the goosebone had a thick covering of fur and reminded him of a thin girl in a rabbit-skin ulster. Something unusual for the goosebone. Uncle John further quotes:

This winter was confounded long,
And more than that, darned tough;
It came upon us greenhouse folk,
A proposition rough.
While Old Jack Frost hugged the hot steam-pipe,
We at night hugged the fire,
And all the time the coal bills climbed
Higher, higher, higher.

Our visitors last week were Mr. and Mrs. A. M. Herr, Lancaster, Pa., on their way home from the convention; Miss A. L. Wells, Steubenville, O.; C. W. Ward, New York; B. Eschner, of M. Rice & Co., Philadelphia; C. S. Ford, representing A. Herrmann, New York.

Hoo-Hoo.

FAIRHAVEN, MASS.

The greenhouses of Walter P. Winsor, of Fairhaven, are annually thrown open to the public for a few days in February and large numbers of visitors avail themselves of the opportunity to inspect an exceedingly well kept private establishment. The opening day this year was February 25, and once more Peter Murray, the able gardener in charge, had his houses beautifully arranged and a blaze of bloom. Orchids are particular favorites with Mr. Murray and his employer. **His show of dendrobiums** and odontoglossums was superb. Cœlogynes, cypripediums, cattleyas, phalænopsis, cymbidiums and other sorts were also in fine condition. In carnations, Lawson was very fine. A new seedling, named Winsor, similar to Lawson in habit but intermediate in color between that variety and Enchantress, was in fine condition. All kinds of bulbous stock, lily of the valley, primulas, cyclamens, genistas, azaleas, Lilium Harrisii and other seasonable flowers were effectively arranged and the whole devolved great credit on Mr. Murray, who is one of Massachusetts' most up-to-date private gardeners.

ORANGE, N. J.

The regular monthly meeting and show of the New Jersey Floricultural Society was held March 4. Orchids, carnations, plants in pots and greenhouse ornamental plants filled the tables and nearly all the strong growers of this section were represented. The exhibit of William Barr, of Llewellyn Park, Arthur Bodwell, gardener, received 95 points. A vase of mixed carnations from the houses of Sydney and Austin Colgate, George Smith, gardener, received 85 points. Dracaena indivisa and two tritomas from John Crosby Brown, Peter Duff, gardener, received 75 points. A vase of mixed carnations from A. C. Van Gaasbeek, Wm. Bennett, gardener, received 75 points. Arthur T. Caparn, of Short Hills; Malcolm Mac Rorie, of South Orange, and J. C. Williams, of Montclair, were the judges. The topic for the evening was the San Jose scale, lead by J. C. Williams, and in the discussion George Smith, Wm. Bennett, Malcolm MacRorie, W. A. Manda, D. Kindsgrab and Arthur Caparn took part. One new member was elected.

J. B. D.

"The Review does the Business."
—THE ANNUAL—
Easter Number
WILL BE DATED
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It will be THE BEST SPECIAL SPRING EDITION yet issued.
Advertisements must reach us by March 19, to be in time.
Address:
THE FLORISTS' REVIEW,
334 DEARBORN STREET, Caxton Building.
CHICAGO, ILL.

FLORISTS SHOULD ADVERTISE.

Do florists who sell at retail advertise sufficiently in this age of advertising?

Does not the selling of flowers follow the same laws of supply and demand as any other business? Would not any florist make earnest efforts to increase his supply if he found an increasing demand? Of course he would; he has reached the profit stage, and every additional demand now means an increase, not only of business, but also of profits.

The shrewdest, most far-seeing business men in the country realize that there is a way to create an additional demand for what they have to sell. That way is by advertising.

Why, then, should not retail florists, who surely realize the advantages of an additional demand, follow the methods that have proved so advantageous in other lines of trade?

Florists are engaged in one of the most beautiful businesses in the world. Esthetic advertising has proved to be a most effective bringer of business. It is much easier to advertise flowers esthetically than it is patent medicine, or even soap. What will benefit one business is likely to benefit another. Business is business, wherever we find it.—Retailer and Advertiser.

Beatrice, Neb.—Articles of incorporation of the Dole Floral Co. have been filed in the office of the county clerk. The company is capitalized for $25,000. The incorporators are S. H., E. W. and W. A. Dole, of this city.

LITTLE FALLS, N. Y.

Death of C. J. Pepper.

Charles J. Pepper, the well known gardener and florist, died suddenly March 3, due to heart disease. About 7 o'clock he was attending to the furnace at his home, corner of Gansevoort and Prospect streets, and not returning as expected, a member of the family went below to learn the cause. Mr. Pepper was found lying beside the furnace in an unconscious condition. Medical aid was summoned, but he died before the arrival of a physician. Deceased came to this country from England seventy-two years ago, being then a child of two years. He settled in Little Falls in 1861, and in time acquired considerable property. He was a florist and conducted a greenhouse for a number of years. He was a man of strong convictions and of an uncompromising character. He was a pronounced prohibitionist who was never cast down so long as he had strength to rally in support of the cause. An able speaker, he had conspicuous part in conducting the affairs of the party, whose nominee he was at different times for offices, including assemblyman. He is survived by his wife, formerly Miss Maria Partridge, of Utica, and by two adopted sons.

IMPERISHABLE CYPRESS.

The following paragraph was written and published in 1894; of course it was then, is now and forever will be, true: "The phenomenal durability of cypress is believed to proceed from the presence in its natural chemical composition of an acid having the active qualities of creosote. There is, of course, some natural cause for its demonstrated proof against the ravages of water, air and time, and that cause is equally of course of a chemical character. In other words, nature seems to have treated cypress in a manner somewhat corresponding, in its results, at least, to that of the artificial use of creosote as a preservative."—Lumber Trade Journal.

Bloomington, Ill.—A. Washburn & Sons are preparing to put up a fine three-story business block of pressed brick, the lower floor to be occupied by their store.

CINCINNATI.

The Market.

We are having warmer weather and it is quite agreeable. It is to be hoped that we have seen the last of cold weather for this season, as we surely have had our share. Trade is quiet and though the sum total of business done is quite equal to last year, if not better, still things seem to drag and there is no life in the demand. There is no oversupply in either carnations or roses, but the prices obtained have dropped. Bulbous stock is being hit the hardest, especially callas and Harrisii. At times it is next to impossible to even give them away. Tulips, daffodils, hyacinths and valley go somewhat better, but they are selling very slow and at very low figures. Violets are doing better, but very few bring above 50 cents per 100. Smilax is very scarce. Other greens also are in heavy demand. Ferns are getting to be a precious article and are snapped up by the stores whenever they see them.

Notes

Saturday will see the regular monthly meeting of the Florists' Society and also the annual carnation show. There will be some fine carnations staged and a number of out of town florists will be on hand. All growers who have something new or of special merit will confer a favor upon the society by sending blooms.

The Cincinnati boys who went to the convention are all home again and all express themselves as well pleased at the treatment they received in Detroit. They are very enthusiastic over the show and all in all pronounce it the banner convention.

Dick Witterstaetter and W. K. Partridge are busy receiving congratulations for their well-earned victories. It is a pleasure to note that though we do not raise such vast quantities of carnations, still what we do grow cannot be beaten. Adonis and The Cardinal, Enchantress that does not go to sleep, are Cincinnati products. C. J. OHMER.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Not rent.—13 000 feet of glass; very fine property with dwelling; modern conveniences; for terms and particulars, address No. 74, care Florists' Review, Chicago.

WANTED—Steady young man for general greenhouse work and truck gardening; references; wages $20 with board. Address C. W. Blatchley, Plantsville, Conn.

WANTED—A reliable retail florist to handle the cut of about 5,000 carnation plants. Correspond with J. A. Swartley & Sons, Sterling, Illinois.

WANTED—At once; sober, industrious, all-round florist. Gloede, 2012 Grey Ave., near Emerson St., Evanston, Ill.

SITUATION WANTED—As salesman and designer with good western firm; will be at liberty April 1; state particulars and salary; extreme west preferred; references furnished. Address No. 75, care Florists' Review, Chicago.

WANTED—A good grower of roses and carnations and general stock, on a place of 18,000 square feet of glass; must be thoroughly reliable and strictly temperate; steady place for the right man; state wages expected with or without board. Address Arthur L. Raub & Co., Easton, Pennsylvania.

SITUATION WANTED—Next April, by florist 29 years old; has 15 years' experience in Europe and in this country in all branches of floriculture; best of references. Address No. 76, care Florists' Review, Chicago.

WANTED—Experienced saleslady in florist store. F. C. Thome, 1265 Milwaukee Ave., Chicago.

WANTED—A young man to take care of 2 small conservatories and who understands cut flower work in all branches, pertaining to a first class flower store; state age, salary expected and give references. Apply Fred C. Weber, 4326 Olive St., St. Louis, Mo.

FOR SALE—At a bargain, lots, greenhouses and flowers at 1180 North Hamilton Ave., Chicago. Will sell all or a portion thereof. Address all inquiries to Leonard J. Stankowicz, Niles, Ill.

FOR RENT—5 large greenhouses steam heated, well stocked with blooming roses, together with 21 acres of land; good brick dwelling and barn; 7 miles from City Hall, Philadelphia. Apply Edward Reid, 1526 Ranstead St., Philadelphia, Pa.

WANTED—Two young men as assistants in greenhouse work; wages $9.00 per week. Address with references and particulars, J. A. Peterson, McHenry Ave., Westwood, Cincinnati, Ohio.

WANTED—Young man for general greenhouse work. Address Gift Floral Co., Richmond, Indiana.

WANTED—A good steady and industrious man for rose and carnation grower on small place where good flowers are wanted; state wages expected. Address Box 116, Lake Forest, Ill.

WANTED—All around florist, married man; sober, industrious and honest; steady job and good wages. Address M. M. Confrey, Grinnell, Iowa.

WANTED—A young man for general greenhouse work; about 17,000 ft. of glass; no roses grown; state wages expected and experience; place in Pennsylvania. Address No. 61, care Florists' Review, Chicago.

SITUATION WANTED—By expert designer, decorator, and cut flower worker, a courteous salesman of good character and address; long years of experience; best of references as to ability and qualifications; middle States preferred. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—As foreman or to take charge of section, by rose and carnation grower; 13 years' experience. Address No. 70, care Florists' Review, Chicago.

WANTED—An A1 rose and carnation grower and propagator of hardy shrubs for catalogue business. Address No. 72, care Florists' Review, Chicago.

WANTED—Hot water heater, new or second hand, in good order, one that is able to heat 9 000 feet. Address R. S. Hoxie, Mattapoisett, Mass.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. 59, care Florists' Review Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. 51, care Florists' Review, Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40,000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10,000; take $4,000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00; 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1.25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3.35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1 60. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, points. Metropolitan Material Co., 1365 Flushing ave., Brooklyn, N. Y.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. 60, care Florists' Review, Chicago.

FOR SALE—Oak Park greenhouses, lot, 100x183 with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

FOR SALE. Modern house and stable, four acres of land, with greenhouses. Particulars of

WM. E. GLIDDEN, Boston Flower Market, Columbus Ave., BOSTON, MASS.

SITUATION WANTED!

An eastern rose grower would like a position as foreman or manager of western establishment of 100.000 feet or more, making a specialty of growing roses for cut flowers.

Address No. 77, care Florists' Review, Chicago

Mention The Review when you write.

WANTED -- ROSE GROWER

To take full charge of and grow 2000 Beauties and 4000 Teas for cut flowers on a strictly up to date and modern establishment. Houses almost new. State amount of experience had and give names of a few former employers; also wages expected which will be liberal to the right man. No novice or run-about need apply.

This is a steady position for a good, first-class rose grower.

Address B. R., care of C. A. Kuehn, 1122 Pine Street, St. Louis, Mo.

A Rare Opportunity!

Transfer our lease til Aug. 1st, 1905, to party with $700 cash, for whole stock including 10,000 Carnation plants just coming into crop for Easter; 30,000 rooted Carnation cuttings; 4,000 Geraniums, 2 and 3 in., 75 per cent S. A. Nutt. Stock plants of best commercial chrysanthemums; 30 tons of Indiana block coal; rent $800 a year; 12,000 square feet of glass; a nice 8-room living house; 7 acres of fine farm land.

GAERTNER & GROSENDORF,

Cor. Tuohy & Western Avs., Rogers Pk., Chicago.

MONTANA.

An opportunity seldom offered, where you have the chance to become one of the incorporators with a small amount of money to grow cut flowers, nursery stock and seeds, etc. Will bear the closest investigation. Best of references given. Full information may be had by addressing

A. L. BEACH,

34 North Benton Ave., Helena, Mont.

WANTED.

By a thoroughly good all-round grower, position as foreman in a first-class establishment. American Beauties my specialty. Am now in charge of one of the largest places in the west but desire to make a change.

Address No. 125,

Care Florists' Review, Chicago.

POSITION WANTED

At once, in a Wholesale or Retail place. Good grower of Roses, Carnations and Bedding Stock. 17 years' experience; age 36, (single) capable of taking full charge of any sized plant; strictly sober; Illinois, Kentucky or South Western States. Address at once to:

Florist, Creal Springs, Ill.

Mention The Review when you write.

For Sale

In World's Fair City

A good florist business of 10,000 square feet of glass, all in good running order and doing good business, growing Carnations and plants. Will sell with or without stock. Possession given at any time sooner or later. Only those who mean business and have money need apply.

For particulars inquire of

A. JABLONSKY, Wellston, Mo.

Mention The Review when you write.

HINODE FLORIST CO.

COUNTY ROAD,
SECAUCUS, N. J.

FIFTH STREET,
WOODSIDE, N. Y.

Largest Growers of

FINE STOCK ON HAND

Easter Lilies

....ALSO....

Japanese Novelties

IN TINY PLANTS, ETC.

INSPECTION KINDLY INVITED ORDERS BOOKED NOW

Mention The Review when you write.

ORCHIDS

"Get in the Habit"

Of calling up
Long Distance Phone Central 3598,
or Telegraph, or a letter to

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

WHEN YOU WANT

Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

—— ORDERS BOOKED NOW FOR EASTER ——

BOSTON.

Norton Bros., florists, 61 Massachusetts avenue, with greenhouses at Dorchester, have filed a petition in bankruptcy. Liabilities are scheduled to the amount of $19,913.63, with assets of $3,230. It is hoped that arrangements can be made which will permit the business to be continued.

KANSAS CITY.

The Market.

Stock is still scarce and there is plenty of work for everybody in the flower business. White roses and carnations are not to be had for funeral work. Lilies and Golden Gate roses have to be used by everyone. Floral wreaths and casket covers are being made by every florist in town. The last ten days were the busiest for funeral work ever known in Kansas City. Green stock for background work is as scarce as flowers. Every grower around the city seems to be having a good crop of sweet peas and violets on now, and they have been a big help to all of us.

Notes.

Three of us journeyed out to the Rock-Heite greenhouses on South Troost avenue last Friday and saw carnations grown as only Charley Heite can grow them, and he has had great success with roses in the one house that he has tried to grow them in, 28x200. Their Easter plants are all looking as if they would make it in good time and a fine lot they will have in azaleas, lilies, spiraeas, hydrangeas and Ramblers. They also have a good looking lot of palms and ferns, in fact everything and everybody about the place seemed to be doing well. L. M. S.

Tiffin, O.—As a result of the paper read some time ago before the local horticultural society and shortly after published in the Review, Lewis Ulrich is each season selling about 3,000 rose plants taken from the benches at 15 cents each. He thinks any other grower could find a similar sale for his old plants instead of throwing the stock away.

One of our best growers makes a specialty of

Lilies for Easter

And they have for years produced
THE BEST LILIES offered in this market.

We handle all the cut from these greenhouses and these are the lilies on which we are now booking orders.

$15 per 100; **$125** per 1000; 500 at 1000 rate.

Place your order now and make sure of a supply of the BEST LILIES to be found in this or any other market.

All CUT FLOWERS in Season.

AMERICAN BEAUTY,	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$3.00 to $8.00
Meteors and Gates	3.00 to 8.00
Liberty	6.00 to 15.00
Carnations	1.50 to 2.00
" large and fancy	3.00 to 4.00
Violets	.50 to .75
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.25 to $1.50	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns...per 1000, $3.50	.35
Galax...per 1000, $1.00	.15
Adiantum	1.00
Smilax ...per doz., $2.00	
Leucothoe sprays	.75

Subject to change without notice.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., **Chicago, Ill.**
Long Distance Telephones 1978 and 1977 Central.

Mention The Review when you write.

A COIL HEATER.

We expect to install a new boiler in the spring, one we made ourselves, on the same principle as one that we are using, only about six times as large. The one I am using at present is made of inch piping and I can heat 4,000 square feet of glass when it is 20 degrees below zero outside. This winter we maintained 50 degrees in a carnation house of 2,000 square feet of glass and 40 degrees in a lettuce house of 2,000 square feet. The back is a cast hollow core with a pocket cast on it, where two 3-inch returns enter the boiler, one on each side, and out of it flow the pipes that run forward and back, forming a coil which, all told, equals about 325 feet of 1½-inch pipe, the flows going out at the top. Now, what I want to know is how many feet of 2-inch pipe should it heat? I am putting up a new house for roses, but it is small. I am going to use it for show and salesroom in a few years. It is about 15x35, ten feet to ridge, four feet sides, glass ends and sides to one foot of the ground. Will one 3-inch flow feed six 2-inch returns and heat it and maintain a temperature of 56 degrees at 10 degrees below zero? I intend putting the boiler in a pit two feet deep. I would put it lower, but cannot on account of drainage. I will run an overhead feed of 3-inch pipe and return with six 2-inch pipes. I burn natural gas to heat my boiler, in fact have never used anything else. About how does it compare with coal, gas 20 cents per 1,000 feet, coal $6 per ton?

L. H. W.

The boiler described, with gas fuel, should prove very efficient and economical. A water tube boiler is always more efficient than a fire tube boiler. The arrangement described, if it is equivalent to 325 feet of 1½-inch pipe, should have capacity to carry 1,300 feet of radiation or about 2,100 lineal feet of 2-inch pipe.

The 35-foot house to be maintained at 56 degrees in cold weather will require at least 202 feet of radiation, which will require an equivalent of 325 feet of 2-inch pipe in the house. With a 3-inch riser eight 2-inch returns will be sufficient.

With natural gas at 20 cents per 1,000 cubic feet it would be about equal in value to the best coal at $6. The usual basis for estimating these fuels is to consider 30,000 feet of gas equal to one ton of the best coal. The poorer grades of coal at $6 per ton would be more expensive for a given number of heat units than the gas at 20 cents per 1,000 feet. Then, too, there is a great saving in labor with the gas. No firing is necessary and there are no ashes to remove, which is a big item with a large plant.

L. C. C.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems...per 100	$6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $ 8 00
Ivory	5 00 to 8 00
Liberty	5 00 to 12 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	2 00
" fancy	3 00
" extra fancy	4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

WE are in receipt of Part III of Vol. VII of the proceedings of the American Park and Outdoor Art Association. This contains a report of the special school garden session held at Buffalo last July.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y. Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

VISITED CHICAGO: C. L. Yates, Rochester, N. Y., treasurer American Association of Nurserymen.

W. W. THOMAS is establishing a large nursery at Jonesboro, Ill. He is planting 250,000 trees this spring and has a large force at work.

F. D. TOWNSEND and Bryant Fleming, landscape architects, announce that they have opened an office at 1326 Prudential building, Buffalo, N. Y.

THE Cannon Bros., nurserymen, Detroit, Minn., have been succeeded by Cannon & Anderson, O. D. Canuon having sold his interest to A. W. Anderson.

LESS landscape work than in recent seasons will be done this year in the summer residence neighborhoods in the vicinity of New York; Wall street is still dull.

A RECENT issue of the Des Moines Capital contains a half-page illustrated write-up of Shenandoah, Ia., as the nursery center of the west and of E. S. Welch as proprietor of the leading institution there.

WESTERN nurserymen find comparatively little sale for the arbor-vitæ as a hedge plant, but in the east they are in good demand, several recent orders calling for considerable stock in the larger sizes.

CATALPA BUNGEI is a curious, round-headed dwarf tree which attracts nearly every one. It is quite hardy and top grafted on tall stems it has in certain cases taken the place of the bay tree in formal work.

THERE was a time when the platting of new additions to the city of Chicago served to make good business for nurserymen, but this season will be like its immediate predecessors, "nothin' doin'" in that respect. Brooklyn seems to be the theater of the real estate speculators' operations just now.

THE nurserymen in the states contiguous to the great lakes are fearful of much damage to stock by reason of the long and severe winter. They also fear a short shipping season because of a late spring. There was a short digging season last fall and most firms have only one-third or one-half as much stock as usual in the cellars. Orders are coming in rather slowly and on the whole it does not look like a good season.

CATALOGUES RECEIVED.

Elm City Nursery Co., New Haven, Conn, nursery stock; Wm. H. Moon Co., Morrisville, Pa., nursery stock; Phoenix Nursery Co., Bloomington, Ill., trees and plants; J. Dijkhuis & Co., Boskoop, Holland, plants, bulbs and trees; Livingston Seed Co., Columbus, O., seeds; State Nursery Co., Helena, Mont., seeds, bulbs and plants; Jos. Bancroft & Son. Cedar Falls, Ia., seeds, plants, etc.

Headquarters for EVERGREENS

Order direct from us and you won't be disappointed. We carry the most complete line of **Florists' Hardy Supplies.** Dagger Ferns, $1.50 per 1000, A1 stock; Bronze and Green Galax, $1.00 per 1000, A1 stock; Southern Wild Smilax, best stock, $7.00 and $3.50 per case; Laurel Festooning, the best in the market, made good and full, 5c and 6c per yard; Green Moss, for fancy design work, $1.00 per bbl., 75c per bag; Sphagnum Moss, $1.00 per bbl., 50c per bag. Orders my mail, telephone and telegraph will receive our prompt and personal attention.

HENRY M. ROBINSON & CO., 11 PROVINCE ST., L. D. Phone 2618 Main. **BOSTON, MASS.**

Mention The Review when you write.

Surplus Shrubs CHEAP!

Also other trees and plants in assortment. Send for Wholesale List. **SHREWSBURY NURSERIES, Eatontown, N. J.**

Mention The Review when you write.

4,000,000 Peach Trees

JUNE BUDS A SPECIALTY.

No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from diseases and true to name. Write us for catalogue and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest Peach Nursery in the world Address—

J. C. HALE, -- WINCHESTER, TENN.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ **UNEQUALLED FACILITIES**

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

—1840— —1904—

Old Colony Nurseries

Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18-24-inch, $5 per 100.
Eleagnus Hortensis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa, 3-4 feet, $5 per 100

TRADE LIST READY.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

—ROSES—	—ROSES—
PLANTS AND ROOTED CUTTINGS.	Per 100 R. C.	Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle, Kaiserin, Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS—2½-in., $4 per 100; 3-in., $8; 4 in., $12 50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

For Sale Fine Rose Plants

from 2½-inch pots.

Brides, Maids, Ivory and Perle, $3 per 100
Beauty, $5 per 100

J. F. AMMANN, -- Edwardsville, Ill.

Mention The Review when you write.

LOGANSPORT, IND.—John A. Newby's place has been flooded by spring freshets and it was only by great effort that the water could be kept out of the fire box. The city neglected to supply a necessary drain and a damage suit will probably result.

CALIFORNIA PRIVET

			Per 1000
200,000	2 years,	2 to 2½ feet, very bushy	$20.00
150,000	2 "	18 to 24 ins., " "	15 00
100,000	2 "	12 to 18 " " "	10.00
200,000	1 year	12 to 18 " branched	9.00
200,000	1 "	10 to 12 " "	7.00
100 000	Cuttings,	8 ins., strong	.80
100,000	"	8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barrs; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

Dormant Roses

FIELD-GROWN.

H. P.'s and Mosses, Manetti Stocks

Fine disbudded plants. Nos. 1, 2 and 3.

Only in lots of 5000 and upward.

Prices and samples upon application.

HUNTSVILLE WHOLESALE NURSERIES,

HUNTSVILLE, ALA.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book,** containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

The Evergreen Specialist

OF DUNDEE, ILLINOIS,

intends to keep at the head for hardy nursery-grown Evergreens for the nursery trade. It's to your advantage to get my prices and place your orders whilst varieties and sizes are complete. Address

D. HILL, - - Dundee, Ill.

WANTED.

6 or 8 LAUREL TREES. STANDARD.

Please state size and price. Must be in A No. 1 condition. Address

Nanz & Neuner, Louisville, Ky.

Send to THE MOON Company

For Your { **Trees, Shrubs, Vines, and Small Fruits.**

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

Easter Plants

ORDER EARLY TO INSURE GETTING BEST SELECTION FOR EASTER DELIVERY. (From Philadelphia's representative growers.)

Cut Easter Lilies

SPECIAL PRICES ON LARGE QUANTITIES OF ASPARAGUS PLUMOSUS NANUS SEED.

WRITE FOR PRICES.

Samuel S. Pennock

Wholesale Florist, 1612 Ludlow Street, PHILADELPHIA

Mention The Review when you write.

...ROOTED...

CARNATION

...CUTTINGS...

ENCHANTRESS

$6.00 per 100; $50.00 per 1000.

THE QUEEN

$5.00 per 100; $40.00 per 1000.

High Grade Cuttings of these two splendid varieties now ready.

Larchmont Nursery,

Larchmont, N. Y.

Mention The Review when you write.

Mrs. Fisher Carnation

For Summer Blooming.

Some fine 2-inch stock, $2.50 per 100; $20 per 1000.

Fancy 3-inch SPRENGERI, to close for room, worth $5, close out at $3.50 per 100. Write

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

LIGHTNING FLOWER POT WASHER

washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15 net, f. o. b. Joliet. **C. E. FINLEY, Joliet, Ill.**

Mention the Review when you write.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1 25	$ 9.00
Portia	1.20	9.00	Joost	1 20	9.00
Lorna	1.50	12.00	America	1 50	12.50
White Cloud	1 50	12.50	Flora Hill	1.50	10.00
Queen Louise	1 50	12 50	Mrs. P. Palmer	1.50	12.50
Prosperity				2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chateoay	3.50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Stock Beauties (2-year-old)	10.00	
Stock Liberty (2-year-old)	10.00	
Asparagus Plumosus, 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,

NILES CENTER, Illinois.

Mention The Review when you write

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000		100	1000
Peru	$1.50	$12.50	White Cloud	$1.50	$12.50
Lawson	1.50	12.50	America	2.00	18.00
Flora Hill	1.50	12.50	Estelle	2.00	18.00

Guardiao Angel, $1.25 per 100; $10.00 per 1000.

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. **Chicago**

Salesroom: 60 WABASH AVE., Tel. Central 3067.

Mention the Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

40,000 Blooming Plants FOR EASTER.

3000 CRIMSON RAMBLERS, unique designs, extra fine.....$1.00 to $25.00 each

2000 HYDRANGEAS, the finest in the market.....$1.00 to $5.00 each.

10,000 LILIUM LONGIFLORUMS, 12c to 15c per bloom.

A large assortment of **HYACINTHS** in pans, $12.00 per doz. **AZALEAS,** 75c to $15.00 each. **HYBRID ROSES,** $5.00 per dozen and up. **SPIRAEAS,** $4.00 per dozen and up. **RHODODENDRONS,** $1.00 to $15.00 each.

Also a large assortment of **PALMS** and other **ORNAMENTAL PLANTS.**

Cash with order.

HERMAN C. STEINHOFF,

578 Hudson Blvd., WEST HOBOKEN, N. J.

Mention The Review when you write.

YOUNG Rose Stock

Brides, Maids, Ivory, 2-in, $2.50 per 100; 2½-in., $3.50 per 100.

Perle, La France, Kaiserin, Wootton, 2-inch, $3 per 100; 2½-inch, $4 per 100.

Beauties, 2-in., $4.50 per 100; 2½-in., $6 per 100.

Soupert and Hermosa, 2½-in., $3 per 100.

500 EXTRA FINE HERMOSA, 2-yr. old, 3-inch pots, $5 per 100.

All rose stock two and three-eyed, shifted from 2-in. to 2½-in. **Healthy, clean stock.**

J. C. MURRAY, Florist, **PEORIA, ILL.**

Always mention the Florists' Review when writing advertisers.

Vegetable Forcing.

THE MARKETS.

Chicago, March 9.—Radishes, 20@50c doz. bunches; lettuce, $1@2.75 bbl. heads, 25c case leaf; cucumbers, 50c@$1.50 doz.

New York, March 8.—Cucumbers, 50c@$1.50 doz.; lettuce, 10@60c doz.; mushrooms, 10@35c lb.; radishes, $1@2.50 100 bunches; tomatoes, 10@20c lb.; asparagus, $2@$6 doz. bunches; rhubarb, 30@65c doz.

WHITE FLY AND WINTER BLIGHT.

I read with a great deal of interest the opinions and instructions of your expert writers. Considerable has been said of late about the little white fly, which apparently succumbs to nothing but hydrocyanic acid gas. I have experimented somewhat with the gas, but find it so irregular in its action that I don't feel that I have gained much real knowledge about its use. I never used one-half as much as I see recommended in your valuable paper and yet I have had every leaf killed on tomato plants six feet high by a quantity which on previous occasions had killed the flies without apparent injury to the vines. I think the tightness of the house and the moisture conditions indoors and out have much influence in determining its efficiency and destructiveness.

I have a trouble in my tomato house, which I am at a loss to fight. Years ago I read in Prof. Bailey's book on Greenhouse Management, of what he called "winter blight." As near as I can judge by his description and picture it is what troubles me, and I have it bad. He did not pretend to give a remedy, preventive or curative, but in a few years it left him. In my case it grows worse. I have tried the most highly recommended fungicides and have practiced for years pulling out every affected plant. I grow them on the ground and therefore can't well change the soil completely, but I change to other houses and it follows me. Has anyone ever been able to get rid of it after it has once appeared? Doesn't someone know more of its nature and management than the professor seemed to at that time?

G. H. A.

TOMATOES.

We are just about to make our last indoor planting for the season. The house has just been cleared of a former crop and will receive a thorough cleaning and a fumigating with sulphur to kill any insects and germs of fungous diseases that may be hanging around, before the young plants are set.

The growing of this crop will be much easier than the one just cleared out, but we can't expect to realize as good prices, which, by the way, have kept up fairly well all through the winter. By the time they come into bearing they will come into competition with the southern article. Still, as less firing will be needed to maintain a night temperature of about 60 degrees and, unless during dull, damp spells, no firing at all will be necessary during the day, it will cost less to mature the crop. If fair prices can be procured they ought to pay. Markets are always more or less uncertain, but we find tomatoes are a product that there is always a demand for, and are never a drug on the market until the outdoor article begins to be plentiful. Customers will always pay considerable more for a nice fresh home-grown article than for an article that has been shipped from a distance and has lost more or less both in appearance and quality in transit.

It will hardly be necessary to renew all the soil in the benches for this crop, but the old soil should be removed just where the plants are to be set and enough new soil supplied to give the plants something fresh to work on until they have a good hold. The remaining old soil should be loosened up and some bone meal or other similar fertilizer worked well in through it. But it won't be necessary to use a large quantity of this, as it might induce rank growth at the expense of fruit. Nourishment can be supplied later, if necessary, in the form of liquid manure, just when it is going to be most beneficial to the advancement of the fruit.

If the leaf growth is over-abundant it can be regulated by cutting off the half of the leaf, but it is better to have the growth balanced so that this won't be necessary. If the plants are any way drawn or leggy don t be afraid in planting to set them well down, as roots will be emitted all along the part of the stem covered. Getting them down well at first, with the proper amount of light and air to promote stocky growth, the first flowers should show and the first fruits set not more than nine or ten inches above the soil.

W. S. Croydon.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

Mail orders are coming in with a rush.

The high price of potatoes in the provision markets is having its effect on seed potato prices.

Onion sets have not been in such brisk demand at good prices since the year of the Chicago World's Fair.

One of the largest dealers says he has to date sold twice as many canna roots as in all of any previous season.

Field corn is hard to buy and seed potatoes are getting beyond the reach of those who are accepting orders at retail catalogue rates.

It is found that retail catalogue prices are much too low on many of the varieties that were thought to be plentiful a month or two ago.

Onion seed is bound to be in better demand than anticipated and the supply may not be so much in excess of the demand as has been supposed.

Tests show a great variation in the germination of alfalfa seed. At the seed laboratory at Ottawa, Canada, samples have germinated from five to eighty-five per cent. The greatest vitality was in samples of a bright greenish yellow color. But if seed is of known low vitality it can be sown more heavily.

A new departure in the seed line is a price list offering trash at low figures. Its redeeming feature is its apparent honesty. It assumes that the consumer, for the sake of low prices, will buy an article that properly belongs in the dump heap.

On February 25 the Joe L. Ullathorne Seed Co., of Memphis, was issued a charter authorizing a capitalization of $100,000. The incorporators are Joe L. Ullathorne, O. C. Armstrong, A. S. Ullathorne, Geo. S. Hooper, W. A. Bickford, A. Walsh and Henry Craft.

SEED WARRANTY.

On the question of warranty of seed, the recent suit of Gardner vs. Winter was decided in favor of the dealer by the Supreme Court of Kentucky, which affirmed the judgment of a jury in the Circuit Court of Mason County. Gardner asked for and was shown western German millet; and Winter & Co., not having enough of this seed on hand, ordered from a wholesale seed house in Cincinnati, and had delivered to him eighteen bushels in the original packages. Winter & Co. testified that there were two qualities of western German millet seed—one grown in the south, which was raised almost entirely for seed purposes; that this seed was cultivated in hills, like corn; and that the seed was sent west and resown, and produced what was known to the trade aa western German millet seed to distinguish it from the genuine southern seed; that after the western German millet seed had been resown for several years, it had a tendency to run out and deteriorate, so that it did not produce so luxuriantly aa the southern seed. They also introduced testimony to the effect that the seed had germinated all right but that early in June a severe drought set in, which lasted until November, and that this prevented the millet, a hard crop on land, from growing on thin land like the plaintiff's. The ruling is: Where plaintiff, relying on his own judgment and past experience, bought of defendants, who were dealers in seeds, a specific article, known as western German millet seed, there was no implied warranty that the seeds would germinate and produce good crops, nor that they were reasonably fit for the purpose to which they were to be applied. Whether the seed sold to him actually belonged to that variety, is for the jury.

Your paper does the work, all right.—J. C. Schmidt, Bristol, Pa.

A. LeCOQ & CO.
DARMSTADT, GERMANY,
..... Wholesale Dealers in .....
Grass, Clover,
AGRICULTURAL and FOREST TREE SEEDS
Prices and Samples on application.
Mention The Review when you write.

THE NEW ASTER OLMSTEAD'S WHITE COMMERCIAL
Grow 10,000 and every one will be as white as snow. It is my specialty. I have grown no other color for the last ten years. Send your address for prices and circular, and read what the bankers and merchants of this place, and commercial growers elsewhere, say. Notice the offer to return your money if not satisfied. It also shows the field from which seed was saved, and from which the blooms were cut that I sent to the Milwaukee Convention. See report Florists' Exchange August 22, 1903.
C. OLMSTEAD, E. Bloomfield, N. Y.
Mention The Review when you write.

Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

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CALIFORNIA SEEDS

SHASTA DAISY—75c per 1000 seeds, $6.50 per 10,000.

GERANIUM—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz.

SMILAX—$2.00 per lb

IPOMŒA—"Heavenly Blue" 40c oz., $3 50 per lb.

CYPERUS ALTERNIFOLIUS—25c pkt. $1.00 per oz.

ALSOPHYLLA AUSTRALIS—(Australian Tree Fern) 50c pkt., $7.50 oz.

APPLE GERANIUM—75c per 1000 seeds.

ASPARAGUS SPRENGERI—50c per 1000 seeds.

ERYTHEA EDULIS—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1 00 per 100 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co.

VENTURA, CALIFORNIA.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

FRESH SEED NOW ON HAND

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

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36 Cortlandt St. NEW YORK.

Bulbs and Tubers

CALADIUMS, CANNAS, DAHLIAS, GLADIOLUS, LILIES, TUBEROSES.

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Fresh Tobacco Stems, per bale, $1.50

W. C. BECKERT, Allegheny, Pa.

New Crop SALVIA SPLENDENS CLARA BEDMAN OR BONFIRE.

Grown at our **FLORACROFT TRIAL GROUNDS,** carefully saved and of high germination. Per trade packet, 25c; per oz., $2 25. Special quotation in quantity.

ASPARAGUS PLUMOSUS NANUS. Fresh greenhouse grown seed direct from a reliable grower. Per 100 seeds, $1; 1000 seeds, $7; 5000 seeds at $6.50 per 1000.

GIANT SHASTA DAISY. Selected from the largest flowers by a California specialist. Per 100 seeds, 15c; 1000 seeds, 85c; 5000 seeds, $3.75.

NEW CROP SMILAX SEED. Per oz., 20c; per ¼ lb., 60c; per lb., $2.

Write for our FLORISTS' WHOLESALE LIST just issued.

Prices of Begonias, Gloxinias, Gladioli, Fern Balls and Japanese Lilies upon application.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

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ASTERS--SEMPLE'S BRANCHING.

Our improved strain of this fine **ASTER SEED** produces perfect double flowers that command the best price in the Cut Flower Market. **Colors**—Blue, Lavender, White, Pink, Scarlet, and mixed.

Trade Packet, 30c; oz , $1.00 **Send for our wholesale catalogue.**

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

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Lawn Grass Seed in bulk and packages.

PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

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Burpee's Seeds Grow

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ASCLEPIAS Tuberosia, Delphinium, 12 varieties, Dianthus Barbatus, Hunts best of all. Digitalis or Fox Glove, 12 varieties *Lobelia Cardinalis, stock limited. *Primula Elatior, gold laced. *Forbesi, Baby Primrose. Hollyhocks, white and yellow, dble, extra. A few pounds each of the above, except.*

Trial Package, 10c.

CHARLES LONG,

277 Jefferson Ave., ROCHESTER, N. Y.

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Chater's Hollyhock Seeds.

In six superb double colors, 70c per oz.; 40c per ½ oz. Allegheny Hollyhocks, $1 per oz.; 60c per ½ oz. Fielfolia, Double Hollyhocks, NEW, $1 per oz. Single Hollyhocks, 10 distinct colors, 60c per ½ oz. New Hydrangea Jeannie d'Arc, white flowered and Red Branched, 4-in. pots, 40c each $3 per doz. Fine for florists. CASH PLEASE.

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Tomato—Sterling Castle..... " 25c
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WHOLESALE FLORISTS. **ROSES, VALLEY, BEAUTIES and CARNATIONS.**

TORONTO.

The Market.

Trade during the last week has been, to use a slang term, "nothing to write home about." The storm the fore part of last week blocked traffic so that the shipping trade was completely demoralized and many of the branch lines are not yet open. We have been treated to all kinds of weather and we have noted that these sudden changes do not tend to stimulate business very materially. A birch bark canoe now makes a very appropriate window decoration.

All lines of cut flowers are plentiful at present and, though it is hard to forecast what may happen between now and Easter, from the way many of the growers are chasing Easter orders it would look as though they were afraid stock was going to be left on their hands.

Various Notes.

The Toronto Horticultural Association and the Toronto Gardeners' and Florists' Association hold their annual carnation exhibition in St. George's Hall on Friday, March 11. We don't really expect this will eclipse the Carnation Show we are at present reading about, just held in Detroit, but the prospects are that it will be a good show, of a very entertaining kind. This will give the carnation growers a chance to see all the new varieties, as well as many of the staple varieties grown as they should be.

Some time ago considerable was written from this district about crepe-chasing and we are glad to note that the practice has been stopped. But our attention is now called to a new scheme, which can only be checkmated by concerted action. Being well connected socially a party is able to scent receptions, teas and other social functions considerably in advance of the date they are to be held. She then proceeds to solicit the order for floral decorations. She finds out the florist from whom they have been usually getting their supply, takes the order, telephones it to him and demands her twenty-five per cent for doing it. Many of the florists were of the opinion that she was working for them and them alone, but it is now a known fact that she has worked this scheme with nearly all the florists of Toronto, and the florists are beginning to realize that it is not a matter of getting new trade, but paying twenty-five per cent for orders that would have come to them at any rate.

D. J.

Rooted Carnation Cuttings.

SPECIAL LOW PRICES FOR TEN DAYS.

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$12.00	$50.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.00	8.00	35.00
RED.			
G. H. Crane	2.00	18.00	80.00
Estelle	2.50	20.00	.....
America	2.00	18.00	80.00
Mrs. Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	.....

WHITE.	100	1000	5000
Flora Hill	$1.25	$10.00	$40.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Gov. Wolcott	3.50	27.00	125.00
LIGHT PINK.			
Higinbotham	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100	$12.50 per 1000	Golden Gate	$1.50 per 100	$12.50 per 1000
Maid	1.50 "	12.50 "	Ivory	1.50 "	12.50 "

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

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Carnation Cuttings.

Healthy and Well Rooted Stock.....

Pres. McKinley	$4 50 per 100	$40.00 per 1000	Lillian Pond	$5.00 per 100	$45.00 per 1000
Lawson	2.50 "	20.00 "	Wolcott	3.50 "	30.00 "
Mrs. Higinbotham	1.50 "	12.50 "	Flora Hill	1.50 "	12.00 "
Fair Maid	3.00 "	25.00 "	Success	3.00 "	25.00 "
Gov. Roosevelt	2.50 "	20.00 "	Floriana	2.00 "	15.00 "
Harlowarden	5.00 "	45.00 "	Ethel Crocker	1.50 "	12.00 "
May Naylor	4.00 "	35.00 "	Prosperity	3.00 "	25.00 "

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1,000,000 SQUARE FEET OF GLASS

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" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$10.00 to $12.00
" medium	5.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

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$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Wholesale Cut Flower Prices.

Philadelphia, March 9.

	Per doz.
Beauties, Specials	$ 5.00 to $6.00
" Extra	4.00
" No. 1	2.00 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " Shorts	1.00 to 1.50

	Per 100
Bride and Bridesmaid, Specials	$10.00 to $12.00
" " Short	4.00 to 6.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Liberty, Firsts	20.00 to 40.00
" Seconds	5.00 to 10.00
Perle	3.00 to 6.00
Sunrise	4.00 to 8.00
Ivory, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Orchids, Cattleyas	50.00
" Cypripediums	10.00 to 12.00
" Others	10.00 to 20.00
Carnations, Commons	1.50 to 2.00
" Short White	.75 to 1.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas	10.00 to 12.00
Daffodils	2.00
Daisies	.50 to .75
Freesia	2.00 to 4.00
Hyacinths, Roman	1.00 to 2.50
Lilac per doz.	1.00 to 2.00
Lilium Harrisii	10.00 to 12.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	1.00 to 2.00
" Fancy	3.00 to 4.00
Narcissus	1.50 to 3.00
Smilax	8.00 to 12.00
Sweet Peas	.50 to .75
Tulips, single	2.00 to 4.00
" double	4.00 to 5.00
Violets	.25 to .75
Gardenias per doz.,	1.25 to 3.00

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, $2.25 per 100. Verbenas, all choice named varieties, 60c per 100; $5.00 per 1000. Petunias, named, all double, $1.25 per 100; $10.00 per 1000. Heliotropes, $1.00 per 100; $8.00 per 1000. Salvias, $1.00 per 100; $8.00 per 1000. Giant Alyssum, $1.00 per 100. Ageratums, 60c per 100; $5.00 per 1000. Coleus, 70c per 100; $6.00 per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

Cash with order. Write

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Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

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Valley, Violets and Easter Lilies

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Galax, bronze or green, 75c per 1000. Leucothoe Sprays, 50c per 100. Sphagnum Moss, Ferns. Wire Work of all kinds for florists. Special attention given to shipping orders.

WM. MURPHY, Commission Dealer, 130 E. 3d St., CINCINNATI, O.

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Huckleberry Branches, the most beautiful of all the wild greens for filling in with cut flowers and decorations. PACIFIC COAST FERNS, with their fine fronds from 2 to 3 feet in length, stand rough usage better than all others. Just the thing for large bunches and decorations. Can be used in place of Cycas. Extra large Ivy Leaves and Sprays from 2 to 4 feet; Mahonia Leaves and Stalks, bronze and green; Pacific Coast Leucothoe, etc. Send for prices.

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We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
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SHIPPING ON COMMISSION.
Telephone 756 Madison Square

Established 1891.

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Wholesale Florist,

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ORCHIDS A SPECIALTY.

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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**

My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

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(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**

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OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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VIOLETS our specialty.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, March 9.

	Per 100
Beauties, Specials	$20.00 to $35.00
" Extra	12.00 to 20.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	6.00 to 10.00
" " Extra	4.00 to 6.00
" " No. 1	3.00 to 4.00
" " No. 2	1.00 to 2.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 35.00
Meteor	2.00 to 8.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 2.00
" Fancies	2.00 to 3.00
" Novelties	5.00 to 8.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
" Sprengeri, 25c a bunch.	
Callas	8.00 to 12.00
Daffodils	2.00 to 3.00
Daisies	1.00 to 2.00
Freesia	3c to 15c per bunch.
Hyacinths, Roman	1.00 to 2.00
Lilac	.50 to .75
Lilium Harrisii	6.00 to 8.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 4.00
Narcissus	.50 to 1.50
Smilax	5.00 to 10.00
Sweet Peas	1.50 to 2.00
Tulips, single	.50 to 1.00
" double	1.00 to 3.00
Violets	.10 to .35

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Buffalo, March 9.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.50
" Shorts	4.00 to 5.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 5.00
Golden Gate	3.00 to 6.00
Liberty	3.00 to 12.00
Meteor	3.00 to 10.00
Mrs. Morgan	3.00 to 8.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Ulrich Brunner	20.00 to 25.00
Orchids Cattleyas	50.00 to 60.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 12.00
Asparagus plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 10.00
Daffodils	2.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
Lilac	10.00 to 15.00
Lil. Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 4.00
Narcissus	2.00 to 4.00
Smilax	15.00
Sweet Peas	.40 to .60
Tulips, single and double	3.00 to 4.00
Violets	.20 to .50

I like your paper very much. It is an educator and a convenience as well. from the first.—F. P. AVERY, Tunkhannoch, Pa.

HERE'S another dollar for the REVIEW, which we certainly cannot do without.—GELVEN & SON, Sedalia, Mo.

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THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

MY stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

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Wholesale Cut Flower Prices.

Chicago, March 9

	Per doz.
Beauties, 36-inch stems	$4 00
" 30 "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100, $6.00 to	8.00

	Per 100
Bridesmaids, Specials	$6.00 to $ 8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	12.00
" Firsts	9.00 to 10.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 7.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.00 to 2.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	2.00 to 5.00
Freesia	2.00 to 4.00
Sweet Peas	1.00 to 1.50
Easter lilies, $2 00 per doz.	
Callas, $1.25 to $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $1.50 to $2.00 per doz.	

Milwaukee, March 9.

	Per 100
Beauties, Extra	$25.00
" " No. 1	$12.50 to 15.00
" " Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 1	4 00
" " No. 2	2.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 6.00
Perle	3.00 to 5.00
Sunrise	4.00 to 6.00
Carnations, Selects	1.00
" Fancies	2.00 to 3.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri "	2.00 to 3.00
Callas	10.00
Daffodils	2.00 to 3.00
Daisies	.50
Freesia	2.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilac	8.00
Lilium Longiflorum	12.50
Lily of the Valley	3.00
Mignonette, ordinary	2.00 to 3.00
Smilax	20.00
Sweet Peas	1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.25 to .50

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Cincinnati March 9.

	Per 100
Beauties, Specials	$45.00
" Extra	$30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	8.00
" " Extra	7.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	3.50 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	8.00 to 12.50
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00
Sweet Peas	.50 to 1.00
Tulips	3.00 to 4.00
Violets	.50 to .75

Pittsburg, March 9.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	10.00
" " " Extra	6.00 to 8.00
" " " No. 1	3.00 to 4.00
" " " No. 2	2.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	4.00 to 10.00
Sunrise	2.00 to 6.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 4.00
" Novelties	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 4.00
" Sprengeri, sprays	2.00 to 4.00
Callas	6.00 to 8.00
Daffodils	1.00 to 3.00
Daisies	1.00 to 2.00
Freesia	1.00 to 3.00
Hyacinths, Roman	1.00 to 2.00
" Dutch	3.00 to 6.00
Lilac per bunch	1.00 to 1.50
Lilium Harrisii	4.00 to 15.00
Lily of the Valley	2.00 to 3.00
Mignonette	1.00 to 4.00
Narcissus	2.00 to 3.00
Pansies	.50 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.20 to .60
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.25 to .75

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Wholesale Cut Flower Prices.

St. Louis, March 9.

	Per doz
Beauties, Specials	$4.00 to $6.00
" Extra	2.50 to 3.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Golden Gate	6.00 to 8.00
Meteor	4.00 to 6.00
Perle	3.00 to 4.00
Carnations, Common	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Hyacinths, Roman	1.50 to 2.50
" Dutch	3.00 to 4.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	2.00 to 4.00
Narcissus	2.50 to 3.00
Smilax	18.00 to 20.00
Sweet Peas	.50 to .60
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.35 to .40

INDEED, I could not afford to have so good a trade paper stop coming, for I could not get along without the REVIEW. —N. H. PADGETT, Unadilla, N. Y.

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Orders for **Chicago and Vicinity**
WILL BE FILLED BY
A. LANGE,
Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL or MINNEAPOLIS.

WILLIAM L. ROCK,
FLORIST,
1116 Walnut St., Kansas City, Mo.

Clarke Bros.
PORTLAND, ORE.

RETAIL FLORISTS.

(CONTINUED.)

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We are having bright weather again, after an almost unprecedented siege of rain, and we are all glad of the change. Business, outside of the usual work for funerals, is nothing to brag of, but the funeral design portion of it has been good for the past two weeks. Flowers in general seem to be a bit more plentiful, except roses. American Beauties are selling wholesale at from $1.50 to $3 per dozen and very few good blooms offered. Brides and Maids bring 50 cents to $1 for fancy stock, which is a good price. Liberty are 50 to 75 cents per dozen and a few Testouts fetch 75 cents, which completes our supply of roses. Carnations are held at the same figure as they have been for the past six weeks, although I expect prices will fall somewhat in the next few days. Violets are hardly worth picking—they are so cheap and since they are not being handled by the hucksters on the street corners they are a perfect glut. Great bunches containing 200 blooms are sold wholesale at 50 cents per dozen.

A few mums are holding on remarkably well but the stems are almost devoid of foliage and the flowers are used principally in designs. The early daffodils are beginning to disappear and some of the later varieties are coming in to take their place. They sell at from 50 cents to $1 per hundred. Valley is plentiful and a few growers are bringing in fair Harrisii. Freesias are getting scarce but tulips are still holding their own. The last few days of sunshine have brought out a wealth of narcissi and they can be had at any price, but their season is almost over.

Notes.

A. Ringier, of W. W. Barnard & Co., Chicago, has arrived in town. He reports everything along the road in good shape and business ahead of last year.

The agitation regarding the right of street venders to sell on the public sidewalks has been the topic among the San Francisco florists for the past week. The Retail Florists' Association is to appear before the supervisors on Thursday night of this week and renew the fight to have the ordinance recently adopted made permanent. For some unaccountable reason one of our largest daily newspapers has championed the cause of the basket men and devotes several columns each day to records of interviews it has with our prominent merchants who pretend to say the town will go to the dogs if the street peddlers are not allowed to resume business. Such rubbish is very disgusting to our city florists and to the trade in general, and it is to be hoped that the supervisors will make the license high enough so that the hucksters will be compelled to charge a fair price for their stock. G.

WAYSIDE JOTTINGS.

At Golden Gate park, Peter Rock is a very busy man just now. He has a crew of men lifting trees, etc., to beautify the small parks of San Francisco, especially those located south of Market street, where there is an element that not only gets away with the shrubbery, but occasionally some of the statuary and portions of the fountains disappear. This is a growing locality. The stock in the nursery rows look fine after the rain we have had and does credit to Mr. Rock, the painstaking superintendent. He has a block of Erica persoluta alba that is particularly noticeable.

H. Rodfish, of Dwightway, Berkeley, has a grand display of Enchantress. His Lawson and Queen Louise are well grown, "assuming the God-like attitude of freedom" from carnation diseases. His roses, on Baltimore Belle stock, are vigorous and clean.

A. Massey, of Elmhurst, is busy getting his carnation cuttings into the sand. He propagates from selected stock. The houses are neatness itself. A new range has been installed and there seems to be but one thing lacking about this place, viz., "Highland Mary."

At Ocean View the hillsides are beautiful with thousands of violets, and the pansies from this locality are perfectly grand.

In San Francisco violets are being retailed in large bunches at 10 cents per bunch "all over town." The camellias are a sight. We measured some five inches across the back of the flower. Bride and Maid roses are unusually

DO YOU know how much you save when you buy Ribbons direct from a manufacturer? "You save all between profits," the profits of the jobber, the wholesaler, the commission house.

And yet, the Ribbons are the Right Ribbons for you. Ribbons of quality and of careful weave. Colors woven to match the Violet, Rose, Carnation, Foliage. Ribbons different from the ordinary kind, and a postal will bring you samples.

The Pine Tree Silk Mills Company
Philadelphia

Write now for samples of "Right Ribbons" for your Easter trade.

MONARCH—Satin Taffeta—Climax.
CONQUEROR—Metallique Taffeta—CYCLONE.

OFFICE AND SALESROOMS:
806-808-810 ARCH STREET.

"A WEE WAIL FROM THE WOODS (MAN)"

"Quality Counts"

("THAT'S ALL")

This stock can be had only direct from the introducers or their agents.

J. B. DEAMUD, Chicago, Ill.
W. F. KASTING, Buffalo, N. Y.
LEO NIESSEN, Philadelphia, Pa.
J. M. McCULLOUGH'S SONS, Cincinnati, O.
REED & KELLER, New York City.
HOLTON & HUNKEL CO., Milwaukee, Wis.
BARTELDES & CO., Denver, Colo.
G. M. KELLOGG, Kansas City, Mo.
H. G. BERNING, St. Louis, Mo.

A full supply always on hand at these points and prices same as ours—plus cost of carriage

Caldwell The Woodsman Co.

EVERGREEN, ALABAMA.

LOOK THIS ADV. OVER—

Asparagus Plumosus Nanus,

The true Nanus. There's lot of difference, per 1000, $6.50; per 5000, $30.00.

IMPROVED SHASTA DAISY SEEDS, per 1000, $1.00; per 5000, $4.00.

IMPROVED SHASTA DAISY PLANTS.....per 1000, $20.00; per 5000, $50.00.

HAND HYBRIDIZED CARNATION SEED, per 100, $1.00; per 1000, $9.00.

SMILAX SEED.....per oz., 25c; per lb., $2.00

GIANT PANSY SEED.....per oz., 4.00

WASHINGTON NAVEL ORANGE, specimen plants, 4 ft. high, $2.00 each. Try a few.

NEW PHENOMENAL RASPBERRY. From 12 plants last year we sold $24.00 worth of berries. 20 berries fill a quart box. It ships 2000 miles safely. They are the best paying fruit in California to-day, giving over $1200 an acre. Only a few 1000 to spare. Tips, doz., $2.00; per 100, $10.00.

CALIFORNIA POPPY CLUMPS — Golden Yellow, better than any tulip, **hardy.** Different from any other poppy grown .....clumps, per doz., $2.00; per 100, $10.00

Cash or C. O. D., with privilege of examining. 25 seeds or plants at 100 rate. 500 at 1000 rate. 2500 at 5000 rate. Express prepaid at above prices.

California Carnation Company, Loomis, Cal.

LOCK BOX 103

large and perfect. Smilax is very cheap, except on special occasions. One fine lot sold (in bloom) at 5 cents per string, strings five and six feet long. Other green goods are getting more plentiful, but good quality is still in demand.

Frank & Parodi, of 33 Geary street, have leased another building a little farther up the street. Rents are advancing in the vicinity of the old stand.

A "war of roses" exists around Lotta's fountain, the stores acting on the defensive and the basket men driven to the streets.

In Alameda county the horticultural bug hunter would be rewarded by visiting some of the Asiatic establishments. This county is doing some good work in street tree planting. In the coast counties of this state shade trees are not so desirable as ornamental trees, palms, etc.

In the southern part of California, the weather has been so favorable to outside carnations this winter that they are not using near as much bulbous stock as they did last season.

The Cox Seed Company reports a good demand for nursery stock. Mr. Cox thinks this will be their heaviest shipping season, but complains of the freaks of the trade on this coast in having to stock up one month with things that are not in demand a few months later. This, however, has always been characteristic of the Pacific coast. People seem to go to extremes in everything.

W. E. King, of Santa Cruz, has been making a trip around the nurseries and reports business generally good, but delayed by the late rains.

Can anyone tell why so many camellias have dropped their flower buds this year? Mutual Friend.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000
Queen Louise	$1.20	$10.00
Flora Hill	1.20	10 00
Alba	2.50	25 00
Gov. Wolcott	3 40	30.00
Norway	1 00	9 00
Lillian Pond	5 00	45.00
Chicot	1 00	9.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	2 50	20.00
Pres. McKinley	3.00	25.00
Cressbrook	2.50	20.00
Yellow		
Eldorado	1.00	9.00

Scarlet	100	1000
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65.00
J. H. Manley	3.50	30.00
G. H. Crane	1.20	10.00
America	1 20	10 00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	3.00	25 00
Stella	3.00	25.00
Armazindy	.90	8.00
Gaiety	2.00	18.00
Prosperity	1.40	12 00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship **C. O. D. with the privilege of examination;** we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., Loomis, Cal.

Mention The Review when you write.

A GOVERNMENT STATION.

The horticultural authorities at Washington have been contemplating for some time the establishment of a great outdoor nursery in California. This is quite a distinction in favor of our glorious climate, as it has been demonstrated in several of the agricultural sub-stations already started that we are able to grow and ripen in perfection many of the tropical fruits that are of great commercial value and for which the country pays many hundreds of thousands of dollars yearly for its imports. The great trouble has been that such portions of the Pacific coast as are adapted to the growth of tropical fruits are not blessed with the copious rainfall that makes such vegetation of natural growth. But by the systems of irrigation that have recently been introduced many thousands of acres can and will be brought under cultivation.

G.

No. Tonawanda, N. Y.—The King Construction Co. recently shipped the material for two greenhouses to a point in California to which the freight rate was $1.67. It looks as though someone thinks a good thing worth going a long way to get.

We cannot afford to do without the Review.—G. M. Thost, De Soto, Mo.

YOU CANNOT PRODUCE PRIZE WINNERS

With anything but Good Healthy Plants. Our success at Detroit last week broke all records. Get healthy, well-rooted Cuttings from us now, OF THE FOLLOWING VARIETIES:

	Per 100	Per 1000
CRUSADER, Scarlet	$12.00	$100.00
FLAMINGO, "	12.00	100.00
WHITE LAWSON, Pure White	12.00	100.00
LADY BOUNTIFUL, White	12.00	100.00
THE BELLE, White	12.00	100.00
MOONLIGHT, "	10.00	75.00
INDIANAPOLIS, Pink	12.00	100.00
VESPER, White	10.00	75.00
HARLOWARDEN, Crimson	4.50	40.00
LILLIAN POND, White	4.50	40.00
DOROTHY WHITNEY, Yellow	4.50	40.00

	Per 100	Per 1000
ESTELLE, Scarlet	$ 3.00	$ 25.00
MRS. HIGINBOTHAM, Light Pink	4.00	30.00
BOSTON MARKET, White	3.50	27.50
MARSHALL FIELD, Variegated	5.00	40.00
ENCHANTRESS, Light Pink	5.50	50.00
HER MAJESTY, White	4.50	40.00
PRES. McKINLEY, Dark Pink	4.50	40.00
GOV. WOLCOTT, White	4.00	30.00
MRS. LAWSON, Dark Pink	2.00	17.50
PROSPERITY	2.00	16.00
FAIRMAID	3.50	27.50

FIANCEE **Beautiful Clear Pink.** Judged as the FINEST CARNATION IN THE WORLD. Winner of LAWSON GOLD MEDAL and many other CUPS and MEDALS for past two years. To be disseminated next January. Orders booked now at the following rates: **$12.00 per hundred; $100.00 per thousand.**

CHICAGO CARNATION COMPANY, James Hartshorne Manager. JOLIET, ILL.

Mention the Review when you write.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. **CHATENAY**	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$7 00	$60 00
KAISERIN	4 00	35 00
LIBERTY	6 00	50 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

WHITE.	Per 100	1000
GOV. WOLCOTT	$3 50	$30 00
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY, MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7.00	per 100.	$60.00	per 1000	**Lawson**	$2.50	per 100. $20.00 per 1000
Enchantress	6.00	"	.....	"	**Queen Louise**	2.50	" 20.00 "
McKinley	4.00	"	30.00	"	**Mrs. Bradt**	2.50	" 20 00 "
Estelle	4.00	"	30.00	"	**Flora Hill**	2.00	" 15.00 "
Nelson	3.50	"	30.00	"	**Mrs. F. Joost**	1.50	" 12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., Philadelphia, Pa.

Mention The Review when you write.

SPRINGFIELD, ILL.

A. C. Brown is preparing to remove his range of glass to a better location farther out from the center of the city. He will rebuild the old houses and add to them, making in all about 40,000 to 45,000 square feet of glass.

A. C. Canfield, who was formerly in partnership with Mr. Brown, but who embarked in business independently a couple of years ago, has ordered material for an addition of about 10,000 feet of glass.

Both these orders went to the Moninger Co., Chicago.

OCEANIC, N. J.

The meeting of the Monmouth County Horticultural Society was held March 4. The ball committee reported all bills paid and a balance of $40 on hand. A fine lot of flowers were exhibited. Geo. H. Hale had a nice bunch of violets, Princess of Wales, for which he received 95 points. He had also a dish of fine strawberries, Nick Ohmer, scoring 100 points. H. A. Kettel had some fine tulips, Proserpine, Canary Bird, White Hawk and Duc Van Thol, which scored 300 points in all; also some narcissi, for which he received 240 points, and for roses 80 points. N. Butterbach had some sweet peas, Christmas, which scored 90 points. Wm. Turner had some narcissi and hyacinths which scored 140 points. Geo. Kuhn had some celery, very fine for this time of the year, scoring 80 points. N. Butterbach told the boys in poetry about a dream he had, which created a great deal of merriment.

COLUMBUS, O.—The Aberfelda Floral Co., incorporated, has been authorized to change its name to the Leedle Floral Co.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000
White Bradt	$6 00	$50 00
Boston Market	4.00	35.00
Gov. Wolcott	3.00	25.00
Innocence	2 50	20.00
Glacier	2 00	17.50
Norway	2.00	17.50
Lorna	2.00	17.50
White Cloud	1.50	12.50
Variegated.		
Mrs. Bradt	3.00	25 00
Prosperity	2 50	20 00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2.50	20.00
Gomez	1 50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3 50	$30.00
Floriana	2 50	20 00
Lawson	2.50	20.00
Marquis	2.50	20 00
Dorothy	2.00	17 50
Joost	2.00	17.50
Nelson	2.00	17.50
Triumph	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma	3.00	25 00
Morning Glory	2.00	17.50
Success	1.50	12.50
Red.		
Adonis	7.00	65 00
Manley	4 00	35.00
Estelle	3.00	25 00
Crane	2 50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

SURPLUS CARNATIONS

SAND-ROOTED

Subject to Examination.

	100	1000
White Cloud	$1.50	$12.50
Queen Louise	1.75	15.00
Prosperity	2.25	20.00
Bradt	2.25	20.00
Lawson	$2.25	$20.00
Crane	2.25	20.00
Joost	1.50	15.00
Enchantress	6.00	50.00

250 at 1,000 rate. Cuttings sent C.O.D. or cash with order. Marie Louise Violet Cuttings, sand rooted, after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.

Mention The Review when you write.

THE BEST NEW SCARLET CARNATION

The Cardinal.

Winner of FIRST PRIZE for 100 Scarlet and S. A. F. Medal and Certificate AT DETROIT.

TO BE DISSEMINATED NEXT SEASON BY

Chicago Carnation Co. Jas. Hartshorne, MANAGER. **Joliet, Ill.**

and Wm. Murphy, 130 E. 3rd St. **Cincinnati, O.**

At following rates — **$12** per 100; **$100** per 1000.

Mention The Review when you write.

NEW ROSES!

CARDINAL and ENCHANTRESS

CARDINAL—A cross between Liberty and an unnamed carmine seedling. A strong, robust grower, with large, massive crimson flowers, deliciously fragrant. Never shows an open center; keeping qualities first-class.

PRICE—2½-inch pots, $30.00 per 100. Not less than 50 sold, for the present.

ENCHANTRESS—A cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing. Every shoot produces a handsome, clear, pink flower which never fades out; a good keeper.

PRICE

2½ and 3-inch pots, $30.00 per 100.

Cash with Order. Stock Limited.

JOHN COOK,

318 N. Charles St., : : : BALTIMORE, MD.

Mention the Review when you write

ROSE PLANTS in 2½-in. pots Ready Now

UNCLE JOHN, per 100, **$20.00;** per 1000, **$150.00**

	Per 100	Per 1000
American Beauty	$6 00	$50 00
Bride	3 00	25 00
Bridesmaid	3 00	25 00
Golden Gate	$3 00	$25 00
Sunrise	5 00	40 00
Chatenay	6 00	50 00

Rose Cuttings, Well Rooted Ready Now

	Per 100	Per 1000
American Beauty	$3 00	$25 00
Bride	1 50	12 50
Bridesmaid	$1 50	$12 50
Golden Gate	1 50	12 50

THE BENTHEY-COATSWORTH CO., 35 RANDOLPH STREET, **CHICAGO.**

Mention the Review when you write.

Rooted Carnations, Mum and Rose Cuttings.

SPECIAL LOW QUOTATIONS. **We Need Room.** **First-Class Goods.**

	Per 100	1000
Gov. Wolcott, fine stock 56° temp	$2.50	$20.00
Lillian Pond, white	2.50	20.00
Enchantress, pink	5.00	45.00
Prosperity	$2 00	$16 00
Gov. Roosevelt	2.50	20.00
Mrs. Higinbotham	2.20	20.00
Lorna	2.50	20.00
Mrs. Geo. Bradt	$2.50	$20.00
Palmer, red	2.20	16.00
Lawson	2.00	16.00
Flora Hill	1.50	12.00

7000 2½-inch Merry Christmas Mums, fine, $2.25 per 100. Other standard Mums in quantity after May 1. 200,000 Roses, 2½-inch, Maids, Brides, Gates, Perles, Ivory, Chatenay; delivery May, June. All stock shipped out is guaranteed to please.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Mention The Review when you write.

La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

WELL ROOTED

Carnation Cuttings

	Per 100	Per 1000
ENCHANTRESS	$6.00	$50.00
QUEEN	5.00	40.00
LAWSON	3.00	25.00
CRANE	3.00	25.00

We can furnish most any variety on the market to-day. Write us for prices : : :

LEO NIESSEN,

1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

CARNATION CUTTINGS

	Per 100	1000		Per 100	1000
Enchantress	$6.00	$50.00	Challenger	$2 50	$20.00
Queen	5.00	40 00	Fair Maid	3 00	25.00
Lillian Pond	5.00	45 00	Harry Fenn	5.00	40 00
Prosperity	2.50	20.00	Gen. Maceo	2.50	20.00
Lawson	2 50	20 00	Queen Louise	2 00	15 00
Cresshrook	2.50	20.00	Bradt	3.00	25.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

AMERICAN BEAUTIES.

We have a fine lot in 2 x 2½ inch that will be ready to go out early in March. Let us have your order and we will send you fine stock and guarantee satisfaction.

Headquarters for **BOSTON and PIERSON FERNS**—all sizes. Write us.

PLUMOSUS and SPRENGERI.

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100	Pink.	Per 1000	Crimson.	Per 100
The Queen	$5.00	Success	$4.00	Harry Fenn	$5.00
Queen Louise	1.50	Mrs. Higinhotham	5.00	Gov. Roosevelt	2.50
Lorna	2.50	Cresshrook	3.00	Gen. Maceo	1.50
White Cloud	1.50	Mrs. E. A. Nelson	3.00	**Variegated.**	
Flora Hill	1.50	Mrs. Thos. Lawson	3.00	Prosperity	2.50
Red.		Dorothy	2.00	Mrs. G. M. Bradt	3.00
Mrs. Potter Palmer	3.00	Sunbeam	2.50	**Yellow.**	
J. H. Manley	4.00	Morning Glory	1.50	Dorothy Whitney	5.00
Oriole	2.50	Mrs. Joost	1.25	Buttercup	3.00
G. H. Crane	2.00	Daybreak	1.25	Gold Nugget	2.00
Jubilee	1.50	Wm. Scott	1.25	Eldorado	1.25
Portia	1.25	Crocker	1.25		
		Mermaid	2.00		
		Floriana	1.50		

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. Bloomsburg, Pa.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

CARNATION CUTTINGS

We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6 00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4.00	30
Fragrance	6.00	50	Adonis	4 00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12.00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,

Long Dis. Tel. BILLERICA, MASS.

Mention The Review when you write.

100,000 Grafted Rose Plants.

We are now grafting on Manetti the above amount, all from choice **flowering wood,** no blind wood used at all, and offer for sale, ready for delivery April 1st: — **Brides and Maids,** $12 per 100; $100 per 1000. **Liberty,** $15 per 100.

If you wish to improve your stock **give grafted plants a trial.** Come and see our plants and compare them with other growers.

We also offer **CHATENAY Rose Plants,** 2½-inch, $6.00 per 100; $50.00 per 1000.

ROSES — ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.

ROOTED CARNATION CUTTINGS.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Eochantress	6 00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20 00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, **CHICAGO.**

HEATING LONG SASH HOUSE.

Can a sash house, running east and west, 12x200, built on a side hill, east end four feet higher than the west end, be successfully heated by placing the boiler at the lower or west end, the piping to be one 2-inch flow and two 2-inch returns on each side, hung upon the side posts to house, one above the other, with the same grade as the house, *i. e.*, four feet rise to flow from boiler to farther end of house, and four feet fall on return to boiler, or in other words, the flow and returns to be parallel to each other, and run at the same grade as the ground? Can 1,200 feet of 2-inch pipe be heated as economically in the above house as it could be in two houses of half the length each? S. S. P.

The sash house can be heated with the pipes arranged as described. With water at 180 degrees the six pipes should be sufficient to maintain the house at 40 to 45 degrees in severe weather. The system will be more economical and more efficient if the runs are kept at 100 feet or less. Hot water moves slowly and decreases rapidly in efficiency in systems with runs over 100 feet in length. If it is practicable to build two 100-foot houses instead of one 200-foot house hot water pipes arranged as above described will prove more efficient than in the longer house. L. C. C.

CLEVELAND.

James Eadie has made all preparations to remove and rebuild his establishment at a more favorable location as soon as the building season opens. He will have a range of 20,000 feet of glass in fine shape when the work is completed.

Adam Graham, than whom there are few better known or more popular men in the trade, has been in Florida for six weeks. His friends will be glad to learn that his health is improving.

Marion, Ind.—Elijah Burrows and John Smithaker were seriously burned about the face and hands in the Burrows greenhouse east of Marion February 24. A gas pipe burst and an explosion followed which destroyed the building, entailing a loss of $2,000.

Indianapolis!

THE BEST BRIGHT PINK CARNATION IN SIGHT. COME AND SEE IT GROWING

Awarded Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1903, scored 85 points Chicago, Nov. 18, 1903; Certificate of Merit Cincinnati Florists' Club, Jan. 9, 1904; Certificate of Merit, Indiana State Florists' Association, Jan. 12, 1904. What more could you ask? $2.50 per doz., $12.00 per 100, $100.00 per 1000.

A FINE LOT CUTTINGS OF THE FOLLOWING SORTS:

F. Hill	$1.50 per 100	$12.50 per 1000
Crane	2.50 "	20.00 "
Estelle	3.00 "	25.00 "
White Cloud	1.50 "	12.50 "
Lorna	2.00 "	18.00 "
Viola Allen	3.00 "	25.00 "
Floriana	2.00 "	18.00 "
Queen Louise	2.00 "	18.00 "
Ethel Crocker	1.50 "	12.50 "
Lawson	2.00 "	18 00 "

McKinley.....$3.00 per 100 | Her Majesty.....$5.00 per 100 | Mrs. P. Palmer ...$3.00 per 100
Harlowarden..... 5.00 " | Gov. Roosevelt... 2.00 " | Mrs. E. A. Nelson. 3.00 "
Apollo.....$3.00 per 100.

BAUR & SMITH, 330 West 38th Street, INDIANAPOLIS, IND.

Mention the Review when you write.

CARNATION CUTTINGS

	100	1000
Enchantress	$6 00	$50 00
Gov. Wolcott	4 00	35 00
Nelson	3 00	25 00
Estelle	3 00	25 00
Crane	2 50	20 00
Lawson	2 50	20 00
Glacier	2 00	20 00
Marquis	2 00	17 50
Gov. Roosevelt	2 50	20 00
Joost	2 00	15 00
Lorna	2 00	15 00
Queen Louise	2 00	17 50
Triumph	1 50	12 50

Rooted Chrysanthemum Cuttings in season.

BELL MILLER, Springfield, Ill.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2½-inch pots, ready for a shift. $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

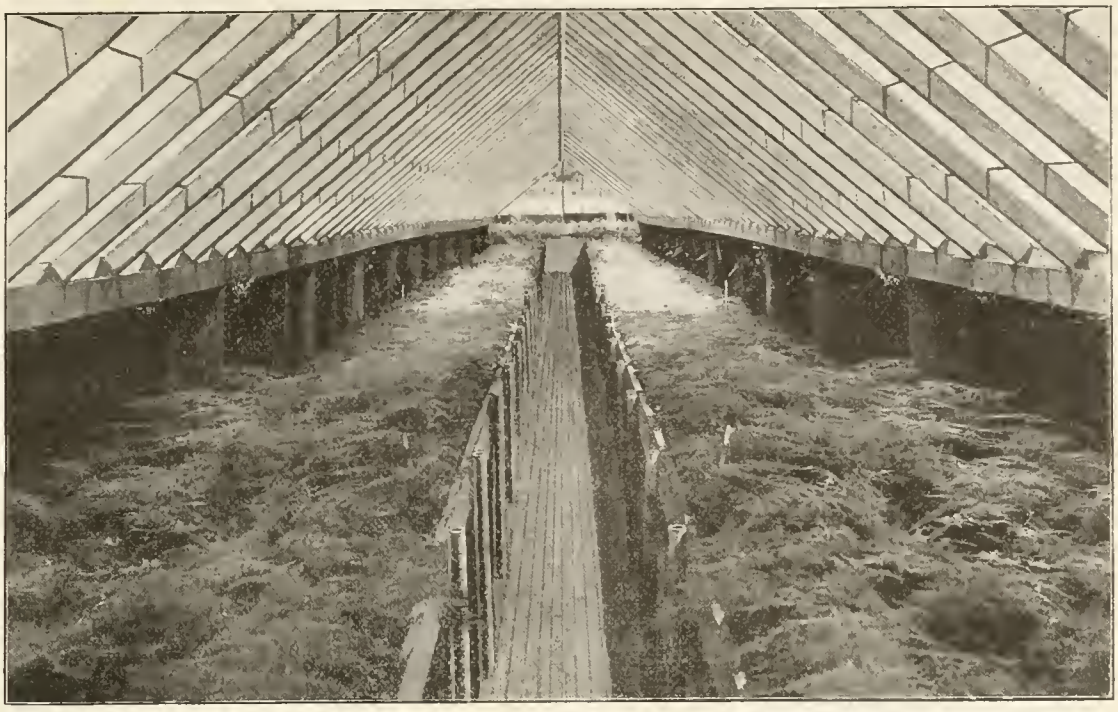
Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Always mention the Florists' Review when writing advertisers.



Confidence is the basis

of all business. We try to keep the confidence of our patrons by sending out only such stock as we know will give satisfaction. As our growing capacity has been doubled by the addition of our new establishment at Edgebrook, Ill., we are in a better position than ever to send out good stock. Our favorable shipping location will save you money in freight and express rates and time in transit.

Just now we are **unusually strong on ASPARAGUS in all sizes, LATANIAS in 5s, 6s and 7s and KENTIAS in 5-inch; but in DECORATIVE PLANTS**

FOR EASTER SALES

We can recommend anything priced on this page.

WHOLESALE PRICE LIST:

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Latania Borbonica	5-in	14-16	4-6	....	$5.00	$37.50
" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1 25	....	...
" " strong.	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6.00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12 in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4 in			....	1.50	12.00
" strong	4-in		3 plants in pot	....	2.00	15.00
"	5-in		3 plants in pot	....	3.00	22.00
"	6 in			....	4 50	....
" strong	6-in			....	6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" "	3-in			....	....	6.00
" "	4 in			....	1.50	10.00
Neph. Bostoniensis	2-in			....	....	3.50
" "	2½-in			....	....	4.50
Neph. Bostoniensis	3-in			....	....	$8.00
" "	4-in			....	$2.00	15.00
" "	5-in			....	3.00	....
" "	6-in			....	6.00	....
" "	7-in			....	9.00	....
" "	8-in			....	12.00	....
" "	10-in			$1 50	....	....
Ficus Elastica	4-in	10-12		....	3.00	....
" "	5-in	14-18		....	6.00	....
Pandanus Veitchii	8-in	22		2.50	....	....
Pandanus Utilis	5-in	10-14		....	5.00	....
Cocos Weddeliana	3-in	10-12	4-5	....	2.50	....
Sanseviera Jav. Var.	5-in			....	3.00	....
Poa Trivialis Var.	3-in			....	....	6.00
Nephrolepis Piersoni	2-in			....	....	15.00
" "	6-in			1.25	....	....
" "	7-in			1.50	....	....
Anna Foster Ferns	10 in			2.50	....	....
Anna Foster Baskets	10-in			1.25	....	....
Sitolobium (Cyc.)	6-in			1.00	....	....
Cibotium Schiedei	6-in			2.00	....	....
Alsophila Australis	7-in			1.50	....	....
" "	8-in			2.50	....	....
" "	10-in			3.50	....	....
Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
" "	5-in			....	2 00	15.00
" "	7-in			....	6.00	....
Aspidium Ten.	4-in			....	1.50	12.00
"	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
Ferns for dishes	good assortment			....	....	3.00
English Ivies	4-in			....	1.50	12.00

The GEO. WITTBOLD CO.

1657 Buckingham Place, I. D. Phones Lake View 557 and 558. **CHICAGO.**

NEW LIGHT PINK CARNATION

NEW DAYBREAK

TO THE COMMERCIAL GROWER who is looking for Profit this variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed-out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000
Other new and standard varieties.

CHRYSANTHEMUMS. The best new American and foreign varieties and best standard sorts.

Write for price list.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

SEASONABLE STOCK.

GERANIUMS (2 and 2½-in.). S. A. Nutt, A. Ricard, Gen. Grant, Beauty Poitevine, E. G. Hill, La Favorite, and mixed, per 100, $2.25.

	Per 100		Per 100
Petunias, 2½-in...	$2.25	Rose-scented Geranium, 2½-in.	$2.50
Heliotrope, 2-in....	2.00	Salvias, 2-in.	2.00
Ivy Geranium, 2-in.	2.00	Cuphea, 2-in.	2.00
German Ivy, 2½-in.	2.25		
English Ivy, 3-in.	3.50		

ROOTED CUTTINGS.

	100	1000		100	1000
Petunias	$1.00	....	Alyssum	.60	....
Heliotrope	1.00	....	Feverfew	.75	....
Coleus	.75	6.00	Vinca Var.	.75	7.00

White Ten-weeks' Stocks, from flats, stocky plants, $0.00 per 1000. CASH, PLEASE.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N. Y.

Jamaica Post Office, Woodhaven Station

Mention The Review when you write.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

COLEUS Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100.

Mixed, $5.00 per 1000; 60c per 100.

Small Privet.

Asparagus Plumosus Nanus, 4-in. $10.00, 8-in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in. $6.00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

Mention The Review when you write.

100,000 Pansies.

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted, 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame; extra large plants coming in bud, $1.00 per 100. **Mammoth Verbenas,** stocky plants, 60c per 100; $5.00 per 1000. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18.00 per 1000.

Samuel Whitton, 15-17 Gray Ave., **Utica, N. Y.**

Mention The Review when you write.

Surplus Geraniums

We have a Surplus of Geraniums in the following vars.: Double Gen. Grant, Jean Viaud, Mme. Landry and Mme. Jaulin. All extra strong plants, 2¼ in. pots, $15.00 per 1000, as long as they last. No order accepted for less than 1000 at this price. Cash with order only.

Look over our regular advt. on page 793.

R. VINCENT, JR. & SON, White Marsh, Md.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

Mention The Review when you write.

ROOTED CUTTINGS

COLEUS, Verschaffeltii, Golden Bedder and Firebrand	$6.00	per 100	
	50.00	"	1000
Ten best sorts, bright colors, in variety	.60	"	100
	5.00	"	1000
CUPHEA, CIGAR PLANT	.60	"	100
SALVIAS, Splendens and Bonfire	1.00	"	100
	9.00	"	1000
HELIOTROPES, Light and dark	1.00	"	100
	9.00	"	1000
AGERATUM, Stella Guerney	.60	"	100
	5.00	"	1000
LOBELIAS, Fancy Blue (the best)	.60	"	100
	5.00	"	1000
WATER IVY	.60	"	100
SWEET ALYSSUM, Gisnt Double	.60	"	100
	5.00	"	1000
MARGUERITES, White and Yellow	1.00	"	100
CHRYSANTHEMUMS, "Estelle," the best Early White, true stock	1.50	"	100
	12.00	"	1000

All strong, well rooted; well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage.

Cash with order, please.

"CRITCHELL'S," AVONDALE, CINCINNATI, O.

Mention Review when you write

A 1 STOCK.

GERANIUMS. Finest named vars. grown, strong and bushy 3-in., our selection, $5.00 per 100. Better order if you want something really fine.

LOBELIA Emperor William, the very finest dwarf blue, grown from cuttings, strong and bushy, full of cuttings, 2-inch, $2.00 per 100. Better order early

PELARGONIUMS. Fancy var., mixed, strong, well branched, 3-inch, $6.00 per 100.

Nothing but First-Class Stock.

Cash—Extras added liberally.

John F. Rupp, Shiremanstown, Pa.

THE HOME OF PRIMROSES

Mention the Review when you write

Need A GOOD Scarlet?

Take my word for it and order **FLAMINGO.**

There is nothing better, nor more profitable in sight. I can also supply the following varieties: Albatross, Lady Bountiful, The Bell, Moonlight, Nelson Fisher, Mrs. Patten and Indianapolis, $12.00 per 100; $100.00 per 1000. The **Queen,** an excellent commercial white of last year's introduction, $5.00 per 100; $40.00 per 1000.

S. S. SKIDELSKY,

708 No. 16th St., PHILADELPHIA, PA.

Mention The Review when you write.

GERANIUMS

	Per 100
10 varieties, fine, 2½-inch pots	$3.00
Coleus—10 varieties, 2-inch pots	2.00
Vinca Var. Vines—2-in. pots	2.50
Alternantheras—Red and yellow, April 1.	2.00
Asparagus Plumosus Nanus Seed—1000, $7.00	1.00

Cash please.

JOS. H. CUNNINGHAM - Delaware, Ohio.

Mention the Review when you write.

HEADQUARTERS FOR

EASTER PLANTS

Blooming Easter week and from now on if desired. I am noted for the past years and have a reputation and the trade all over the land to grow a large assortment and plenty of choice blooming plants of every description. I have an immense stock—seven large houses and five hotbeds are crammed to their full extent, and are in better shape and condition than before.

Azalea Indica—Three houses filled with this only choice American variety. I know exactly what my customers and the public in general want. I and my son Howard went to Europe last summer on account of the scarcity of Mme. Van der Cruyssen, and must say with great pleasure that we were successful in obtaining 2,000 of this beautiful variety. I offer you them now as the gem of my stock, only none of it has been picked out by fall sales (and have the residue left). I make it as a rule not to offer any in the fall outside of Xmas. Please note my prices of the 2 000 Mme. Van der Cruyssen: 6, 7 and 8 in. pots, all sizes, as round as an apple, covered with buds, 60c, 75c, $1.00; specimens $1.25 to $1.50 each. Other varieties of plants. We also have a large stock of Bernard Andre Alba, Niobe (double white), Empress of India, Prof. Wolters, Vervaeneana, Dr. Moore, Soode Manhout Paul Weber, Sigismund Rucker, Illustre and about 12 more leading varieties, 6, 7 and 8-in. pots, 50c, 60c, 75c, 90c $1.00; specimens, $1.25 to $1.50 each. If pots are not wanted we take the fresh soil off, because Azaleas never make new roots during winter. This makes packing light and safe, which reduces the express charges considerably.

Lilium Harrisii and **Japan Multiflorum**—I have about 2 500 to offer, raised from H. F. Michell's special brand of bulbs; 6 inch pots, from 5 to 8 buds to a plant, 10c per bud; under 5 buds, 12c.

Cineraria Hybrida—I have a house full of 2 000 6 in. pots, all shades, from H. F. Michell's best strain $3.00 $4.00 and $5.00 per doz.

Daisies—White (Marguerites), 6 in. pots, $3.00 per doz.

Begonia—Pres. Carnot, 6-in. pots, $3.00 per doz.; mixed varieties, 4-in. pots, $1.80 per doz.; Vernon in bloom, 4-in. pots, $1.50 per doz.

Cyclamen—4 in. pots in bloom $2.00 per doz.

Primula—Obconica, 4-in. pots, $1.80 per doz.

Spiraeas—Compacta, Superba, Floribunda, 6-in. pots $3.00 to $4.00 per doz.; Gladstone (new), 6-in. pots $5.00 per doz.

Hyacinths—Only the choicest, my own importation, all shades, $10.00 per 100.

Hydrangea—Otaksa, 6 to 7-in. pots, from $4.00, $5.00, $6.00, $9.00 to $12.00 per doz.

Tulips—Tournesol, double red or yellow, best selling Tulips, 3 in a 4-in. pot, $1.50 per doz.

Daffodils—Von Zion, best double-nosed, 3 in a 5½-in. pot, $2.50 per doz.

Araucaria—Excelsa, 5½ in. pots, 3 tiers, 50c; 4 to 5 in. pots, slightly damaged, 25c and 30c to 40c; 6-in. pots 5 to 6 tiers, 22, 25 to 26 ins. high, $1.00, $1.25 and $1.50 each; extra large specimens, 8-in. pots, 28 to 35 ins. high, 27 to 35 ins. wide, perfect jewels, $3.00 to $3.50 each, worth easily $5.00 each.

Ficus Elastica—(Rubber plants), 6-in. pots, from 20 to 28 ins. high, $3.00, $4.00, $5.00 and $6.00 per doz.

Dracaena—Bruanti, 22 to 25 ins. high, good for decoration, 35c to 50c each.

Moon Vines—Smith's Hybrid, best in the world, $5.00 per 100, 2½-in. pots. To save express charges please state if pots are wanted.

All goods are shipped at purchaser's risk. Cash with all orders. Buyers coming to Philadelphia are respectfully invited to visit my place and inspect my stock before buying elsewhere. Take 13th or Germantown avenue car to Ontario street.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

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PEERLESS SULPHUR BLOWER.

"A great improvement over the bellows."

Price, $4 00 F. O. B. Chicago.

McMORRAN & CO., 15-21 N. Clinton St., CHICAGO, ILL.

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DREER'S SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange. 40 cents per dozen; $3.00 per 100; $25.00 per 1000.

Choicest Single Flowered in Mixture, 35 cents per dozen; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; $5 00 per 100; $40 00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; $4 00 per 100; $35.00 per 1000.

TWO GREAT TUBEROUS ROOTED BEDDING BEGONIAS

DUKE ZEPPELIN AND LAFAYETTE

See colored illustration of these two varieties on cover of our new 1904 Catalogue; they are the most brilliant among all the Begonias and invaluable either as pot plants or for bedding.

Duke Zeppelin, Pure Rich Scarlet, 15 cents each; $1.50 per dozen: $12.00 per 100.

Lafayette, Brilliant Crimson Scarlet, 25 cents each; $2.50 per dozen; $18.00 per 100.

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A unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias. 25 cents each; $2.50 per dozen; $20.00 per 100.

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A very fine selected strain, strong, well-matured bulbs. Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

MISCELLANEOUS BULBS

	Per doz.	Per 100.	Per 1000
Amaryllis Formosissima	$0.30	$ 2.00	$15.00
Johnsonii	2.00	15.00	
Amorphophallus Rivieri	2.00	15.00	
Caladium, Fancy Leaved, 25 named sorts	1.25	10.00	
Choicest Mixture	1.00	8.00	
Esculentum, 6 to 8-inch bulbs	.40	3.00	
Esculentum, 8 to 10-inch bulbs	.65	5.00	
Esculentum, 10 to 12-inch bulbs	.90	7.00	
Esculentum, 12 to 13-inch bulbs	1.25	10.00	
Hyacinthus Candicans	.30	2.00	
Ismine Calathina	1.50	10.00	
Lilium Auratum, 8 to 9-inch	.75	5.00	
" " 9 to 11-inch	1.00	8.00	
" " 11 to 13-inch	1.75	14.00	
Lilium Speciosum Album and Rubrum, 7 to 9-inch	.90	6.00	
Gladiolus, American Hybrids, choicest mixture	.15	1.00	9.00
Groff's Hybrids, choicest mixture	.35	2.50	22.00
Madeira Vines	.30	2.00	15.00
Montbretias, 5 choice named varieties	.25	1.75	12.50
Tigridia Conchiflora Grandiflora Alba and Pavonia	.30	2.00	15.00
Tuberoses, Double Pearl, selected, 6 to 8-inch	.20	1.00	8.00
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For a complete list of all seasonable Bulbs, including the best list of up-to-date Dahlias, see current Wholesale Price List.

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	Delivery to April 1. Per 100.	April and May Delivery, Per 100.
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Yanariva	2.00	1.50
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Adrian	2.00	1 50
Mrs. Robinson ex. fine stk	1.50	1.25
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Prices are for rooted cuttings. Prompt shipment.

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For delivery now and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs., assorted..... **$60.00**
500 " " **32.50**
100 " " **7.50**

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2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18 00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2-in. pots, $8.00 per 100.

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SPECIAL OFFER.

Bostoniensis,

2¼-inch pots, strong..... per 100, $4 00
From bench, fall planted, ready for 4-inch pots..... per 100, $10 00

Piersoni,

2¼-inch pots, strong, per 100, $10 00
From bench, fall planted, ready for 4-inch pots ..... per 100, $25 00

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Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100: **$17.50** per 1000.

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Box 104.

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Get your order in now for Roses and we will ship when wanted. We grow over 100,000 annually for the trade of the following varieties:

NO.	VARIETY.	R. C.	2 x 2½ In.	2½ x 3 In.	3 x 3 In.
1	Meteors	$1 50	$2 50	$3 50	$5 00
2	Brides	1 50	2 50	3 50	5 00
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4	Ivory	1 50	2 50	3 50	5 00
5	Golden Gate	1 50	2 50	3 50	5 00
6	Perles	2 00	3 00	4 00	6 00
7	LaFrance	2 00	3 00	4 00	6 00
8	A. V. Kaiserin	2 00	3 00	4 00	6 00
9	Woottons	2 00	3 00	4 00	6 00
10	Bell Siebrect	2 00	3 00	4 00	6 00
11	President Carnot	2 00	3 00	4 00	6 00
12	Am. Beauties	3 00	6 00	8 00	10 00
13	Liberty	5 00	8 00	10 00	.....

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HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.

GRAFTED ROSES on Manetti Stock.

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At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

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STEAM HEATING.

Has anyone in the flower business experimented with steam heating otherwise than with the gravity system? We are thinking of building a boiler pit and the same will have to be blasted in the solid rock. We would like to know if anyone has experimented with steam boilers by placing them on top of the ground.

D. B. H.

There are many ranges of glass heated by steam with boilers on a level with the houses. With such arrangements steam traps are used and the return water discharged into cisterns or reservoirs sunk below the level of the returns, from which it is pumped back into the boilers. For this purpose boiler feed pumps can be used or the returns may discharge directly into a tank or reservoir to which a steam trap, which works on the vacuum principle, is attached, which will return the hot water directly to the boilers. For plants which are small the steam trap is very satisfactory when there is considerable drop in the returns, and when the boiler pressure is maintained above eight pounds. Few of the traps work on a pressure of less than six pounds. For very low pressures there is no successful system which returns the water to the boilers except the gravity system unless other power, such as electricity or an auxiliary steam boiler, is maintained to run a pump to feed the return water into the boilers. If it is practicable, maintain a gravity system.

L. C. C.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held Saturday evening, February 27, with President Henderson in the chair. There was a prize given for the best flowering plant grown in not more than a 6-inch pot, which was awarded to C. Wilson, for Primula obconica. Other exhibitors were Mr. Kasberg, Mr. Boreham, J. Bradley and T. D. Lee. Mr. Noodle and Mr. Knifl were the judges. An interesting discussion followed on the culture of the exhibits, in which almost all the members present took part. A schedule was made for the exhibition to be held on Tuesday, June 14. It was voted that this exhibition should be free to the public and that exhibits should be sold on consent of the exhibitor and the proceeds be given to the Dobbs Ferry Hospital Association. A. C. Field, Dr. Todd and B. Huston were elected honorary members.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica, 12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2.50** " **$20** "
20 to 24 inches high.....**$4** per doz.

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THE LARGEST ROSE GROWERS IN THE WORLD.

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POT-GROWN PLANTS. FINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.
Piersoni—2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.
Alternantheras—Red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on larger quantities. CASH WITH ORDER.

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MORRISON, ILL. AND **GENEVA, ILL.**

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Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

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Smilax, 2-inch ..... .50 "

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HENRY ERNST & SON,
WASHINGTON, MO.

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Chrysanthemums.

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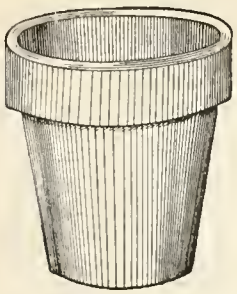

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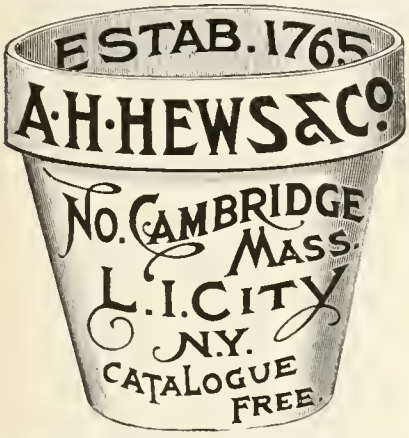

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Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE**, the most useful for florists; also Dend. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

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From 2¼-in. pots. Good Stock. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17 50 per 1000.		
Abutilon in variety	40c	$2.00
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Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
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GERANIUMS—$2.00 per 100; $20 00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Le Cid., Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

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Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Lemon Verbena.....per 1000, $20 00,	50c	2.50
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Moonvines, blue and white	50c	3.00
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Strobilanthes Dyerianus	50c	2.50
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Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List

R. VINCENT, Jr. & SON, WHITE MARSH, Maryland.

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Variegated.		
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Geraniums—Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

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DAHLIAS!

WE MAKE A SPECIALTY OF DAHLIAS AND GROW IN LARGE QUANTITIES ALL THE LEADING NOVELTIES AND STANDARD VARIETIES. WRITE FOR PRICE LIST.

Wagner Park Conservatories,
SIDNEY, OHIO.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

ANTIRRHINUMS.

Also a few hundred antirrhinums, very bushy, will give fine flowers for decoration, $2.50 per 100. E. A. Richards, Greenfield, Mass.

ALTERNANTHERAS.

Alternantheraa Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheraa, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheraa, red and yellow, April 1, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

AQUATICS.

Nymphaea zanzibariensis, dentata, devoniensis and cometalia, strong, dormant on started bulbs, 20c each, or $10.00 per 100. Egyptian lotus, 20c each. Water hyacinth, $2.00 per 100. Parrot feather, 2 cents. Water lettuce, 2 cents. Water poppy, 3 cents.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100; $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, exhibition plants, 4, 5, 6 and 7-in. pots, 15c, 25c, 35c and 75c each. Others 2½-in., 3c; 3-in., 5c; 4-in., 8c. Asparagus plumosus nanus, 3-in., $6.00 100.
J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus Sprengeri, 3-inch, ready for 4s, $5.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Asparagus plumosus nanus, strong 2¼-in., ready for 3-in., $3.50 per 100; 3-in., $5.00 per 100. Cash. Wm. A. Wettlin, Hornellsville, N. Y.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus for sale, 2 and 3-in., or will exchange for roses and carnations.
Robert Buck & Co., Greenfield, Ohio.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Sprengeri, from flats, $1.00; 3-in., $4.00 per 100. C. Winterich, Defiance, O.

Fancy 3-in. Sprengeri, to close, $3.50 100.
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Olmstead's "White Commercial" is the best commercial aster ever produced. Write for circular and prices.
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100. Aurea manicata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Flowering begonias, 20 varieties, 2½-in., at $3.00 per 100; 4-in., $8.00 per 100. Fine stock. Cash, please.
W. T. Stephens & Co., Brookfield, Mo.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

BEGONIA VERNON, pink, white, red and mixed; strong plants, $1.00 100 prepaid.
Wm. S. Herzog, Morris Plains, N. J.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Begonia Vernon, from soil, $1.00 per 100.
Hugo Book, Worcester, Mass.

Rex begonias, 4-in., $6.00; 5-in. $12.00.
W. H. Parsil, Summit, N. J.

BULBS.

Lilium auratum.	12.	100.	1000.
8-9 (130 to case)	$0.65	$4.00	$38.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum album.			
8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00
Lilium speciosum rubrum.			
8-9 (160 to case)	.75	5.50	48.00
9-11 (100 to case)	.90	6.50	60.00

Johnson & Stokes, 217-219 Market St., Phila.

Caladium esculentum—elephant's ear.	100	1000
11 to 14 in. circ	$8.00	$50.00
9 to 11 in. circ	4.50	35.00
7 to 9 in. circ	2.00	15.00
5 to 7 in. circ	1.50	10.00

C. B. Johnson, Wallace, N. C.

Fancy caladiums, $8.00 per 100. Amaryllis Johnsoni, $10.00 100. Crinums in 15 varieties. Musa rosea, strong, dormant roots, $3.00 per 100. Queen lily, $2.00 per 100. Antigonon leptopus, 75c per 12.
B. M. Wichers & Co., Gretna, La.

Fancy leaved caladiums, rarest and best sorts ever put on the market. Brilliant and exquisite coloring, named sorts, $3.00 doz., $11.00 50, $20.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Caladiums, 4-0 in., $1.00 100; 6-8 in., $1.75; 8-10 in., $3.00; extra large, $5.00.
Amaryllis equestris, 1-2 in. dia., 35c doz.; 2-3 in., 50c.; small, 25c. Cash with order.
E. E. STONE, Dickinson, Tex.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

20,000 dwarf Pearl tuberose bulbs, 4 to 6-in. in circ., at $4.00 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Bulbs and tubers. Write us for prices.
W. C. Beckert, Allegheny, Pa.

CANNAS.

Pres. McKinley	Kronos	Alemannia
Pres. Cleveland	Ad. Dewey	Robusta
Chas. Henderson	Peach Blue	Egandala
Aphonse Bonvier	R. Christy	L. Vaughan
Ex. Crampbell	Defender	Mlle. Berat
Chicago	Eisele	America
Duke Marlboro	Berckmans	Shenandoah
Fl. Vaughan	Alsace	Burbank
Fl. Vaughan (dwarf)	Black Prince	Eldorado
Paul Marquant	Avellan	Mme. Crozy

Empress of India, fine pink.
$1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Prea. Carnot.
Black Beauty, $7.00 100	Prea. Cleveland.
Bassett's Red, $3.00 100	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100
Egandale, $3.00 100.	
Florence Vaughan.	Souv. de A. Crozy.

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

Cannas, fine stock, live and plump; every piece will grow. Absolutely true to name. Order now and have shipment made by freight. Martha Washington, Mlle. Berat, L. Pattbey, Francois Ruf, Pres. Cleveland, Chas. Henderson, M. J. Desloges, Duke of Marlborough, at $1.25 per 100, $12.00 per 1000. Alemannia, Burbank, at 75c per 100. Caladium esculentum, 6 to 8-in., $1.25 per 100, $12.00 per 1000. 4 to 6-in., 60c per 100, $5.00 per 1000. Tuberose dwarf Pearl, 4 to 5-in., 50c per 100, $4.50 per 1000. Cash, if you please.
Mrs. Theodora S. Ellis, Griffin, Ga.

200,000 Canna roots. Alemannia, Alsace, Austria, Burbank, Coronet, Chas. Henderson, Chris. Viard, Denil St. Geroy, Flaccida, F. Vaughan, Jaaksonii, J. C. Vaughan, John Laing, Madame Crozy, Maurice Mussey, Paul Marquant, Peachblow, Queen Charlotte, Robusta, Shenandoah and other new and rare varieties, $6.00 to $12.00 per 1000. Freight prepaid to New York, Boston or Philadelphia.
Griffing Brothers Co., Jacksonville, Fla.

Canna roots, a few surplus varieties, $1.50 per 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas, strong plants, 2 to 3 eyes, $2.00 per 100. Cash, please.
B. F. Muschert, Penn Valley, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Chas. Henderson, Bouvier, Robusta, P. Marquant, Austria, $1.00 100; $8.00 1000. J. D. Elsele, Egandale, Beaute Poitevine, $1.50 100; $12.00 1000. Mrs. Kate Gray, $3.00 100; $25.00 1000. Cash with order.
E. E. STONE, Dickinson, Tex.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

The new canna EMIL WIELAND, the best scarlet canna yet produced. Strong plants from 3½-in. pots, 35c each, $3.00 per 10, $25.00 per 100. 50 at 100 rate.
Phoenix Nursery Co., 140S No. Park St., Bloomington, Ill.

15,000 cannas, good, live eyes, for cash prices. Glorioso and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

New canna, WEST VIRGINIA, the earliest and best bloomer yet produced, strong roots, $1.50 per 100; stock limited. Chas. Henderson, $1.25 per 100. A. Bouvier, $1.25 per 100.
Gus Obermeyer, Parkersburg, W. Va.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crousse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

20,000 cannas, $1.00 100. Will exchange for other stock.
Bardell Floral Co., Bowling Green, Ky.

Cannas. All the best standard sorts, 30c doz., $2.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

Pink.	100.	1000.	5000.
Lawson	$1.25	$12.00	$50.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.00	8.00	35.00
Red			
Crane	2.00	18.00	80.00
Estelle	2.50	20.00	
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	....
White.			
Hill	1.25	10.00	40.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	10.00	40.00
Norway	1.25	10.00	40.00
Wolcott	3.50	27.00	125.00
Light Pink.			
Higinbotham	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Mass.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
W. Cloud	1.50	12.50	Hill	1.50	10.00
Q. Louise	1.50	12.50	Palmer	1.50	12.50
			Mrs. Ine	1.25	9.00

Cash with order, please.
John Brod, Niles Center, Ill.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.
THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill	1.50	12.50	G. Angel	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	8.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson	8.00
Red—		Dorothy	2.00
Mrs. P. Palmer	3.00	Sunbeam	2.50
J. H. Manley	4.00	Morning Glory	1.50
Oriole	2.50	Mrs. Joost	1.25
G. H. Crane	2.00	Daybreak	1.25
Jubilee	1.50	Wm. Scott	1.25
Portia	1.25	Crocker	1.25
Yellow—		Mermaid	2.00
D. Whitney	5.00	Floriana	1.50
Buttercup	3.00		
Gold Nugget	2.00	Crimson—	
Eldorado	1.25	Harry Fenn	5.00
Variegated—		Gov. Roosevelt	2.50
Prosperity	2.50	Gen. Maceo	1.50
Mrs. G. M. Bradt	3.00		

J. L. Dillon, Bloomsburg, Pa.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	2.50	25.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.00	9.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.00	9.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	H'lowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	3.00	25.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	2.50	20.00	Armazindy	.90	8.00
P. McK'ley	3.00	25.00	Gaiety	2.00	18.00
Prosperity	1.40	12.00			

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Rooted carnation cuttings.

White.	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. M'ket	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Marquia	2.50	20.00
Glacier	2.00	17.50	Dorothy	2.00	17.50
Norway	2.00	17.50	Joost	2.00	17.50
Lorna	2.00	17.50	Nelson	2.00	17.50
W. Cloud	1.50	12.50	Triumph	1.50	12.50
Variegated.			Light Pink.		
Bradt	3.00	25.00	Fairmaid	3.00	25.00
Prosp'ity	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory	2.00	17.50
Stella	2.50	20.00	Success	1.50	12.50
Red.			Crimson.		
Adonis	7.00	65.00	G. R'velt	2.50	20.00
Manley	4.00	35.00	Gomez	1.50	12.50
Estelle	3.00	25.00	Maceo	1.50	12.50
Crane	2.50	20.00			

W. J. & M. S. Veaey, Fort Wayne, Ind.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink—	100	1000	White—	100	1000
Lawson	$1.50	$12.50	Murphy's		
Nelson	2.50	20.00	White	$3.00	$25.00
G'n Angel	1.25	10.00	Wolcott	3.50	30.00
H'botham	2.00	15.00	Flora Hill	1.25	10.00
Sybil	3.00	25.00	Wh. Cloud	1.25	10.00
McKinley	3.00	25.00	Peru	1.25	10.00
Joost	1.25	10.00	Q'n Louise	1.25	10.00
Red—			Norway	1.25	10.00
Estelle	2.50	20.00	Gov.L'ndes	3.00	25.00
Mrs. Ine	1.25	10.00	Marion	1.25	10.00
Chicago (Red Bradt)	2.00	15.00	Variegated— Bradt	2.00	15.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt	$2 50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt	2.50	20.00	America	2.50	20.00
W. Cloud	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory	2.50	20.00	G. Nugget	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Two new white carnations for 1904. LADY ROUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000.
Also ready now:

Flamingo	The President	Indianapolis
W. Lawson	Mrs. Patten.	J. Hinsdale
N. Fisher		

$12.00 per 100; $100.00 per 1000.

Adonis	Her Majesty	Mrs. T. R'velt
Higinbotham	Harry Fenn	McKinley
Harlowarden	Apollo	Lorna
Stella	Sybil	Pond
Crane	Lawson	Dorothy
M. Field	Lowndes	Wolcott
M. Glory	Gov. Roosevelt	Q. Louise

Send for price list.
F. Dorner & Sons Co., La Fayette, Ind.

FIANCEE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1,000, $100.00.

	100.	1000.		100.	1000.
Crusader	$12.00	100.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W. Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful	12.00	100.00	Wolcott	4.00	30.00
The Belle	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity	2.00	10.00
Ind'apolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Carnation cuttings. Healthy, well-rooted stock.

	100.	1000.		100.	1000.
Pond	$5.00	$40	Her Majesty	$5.00	$40
Wolcott	4.00		Q. Louise	2.00	18
Enchantress	6.00	50	Queen	5.00	40
Fairmaid	3.00	25	Prosperity	3.00	25
Lawson	3.00	25	Estelle	4.00	30
Adonia	8.00		Nelson	3.50	30
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty	3.00	25
M. Field	5.00		Hill	1.50	12
Joost	1.50	12			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.
Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonia	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	—
Mrs. Joost	2.00	15	J. H. Manley	3.00	—

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

ROOTED CUTTINGS NOW READY.

	100	1000		100	1000
Enchantress	$6.00	$50	M. Glory	$2.00	$15
Wolcott	3.00	25	America	2.00	15
Her Majesty	5.00	45	Prosperity	2.50	20
Harlowarden	6.00	50	Innocence	2.00	15
Lawson	2.50	20	Glacier	2.00	15
L. Pond	5.00	45	P. Palmer	2.50	20
Cressbrook	2.50	20	G. Gomez	2.00	15
Batson's Pink	2.00	15	G. Angel	2.00	15
Norway	2.00	15	F. Joost	2.00	15
F. Hill	2.00	15	Crane	2.00	15

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted carnation cuttings. INDIANAPOLIS, $2.50 per doz., $12.00 per 100, $100.00 per 1000.

	100	1000		100	1000
Hill	$1.50	$12.50	Floriana	$2.00	$18.00
Crane	2.50	20.00	Q. Louise	2.00	18.00
Estelle	3.00	25.00	Crocker	1.50	12.50
W. Cloud	1.50	12.50	Lawson	2.00	18.00
Lorna	2.00	18.00	McKinley	3.00	
V. Allen	3.00	25.00	H'lowarden	5.00	
H. Majesty	5.00		G. Roosevelt	2.00	
Palmer	3.00		Nelson	3.00	
Apollo	3.00				

Baur & Smith, West 38th, Indianapolis, Ind.

If you need a good scarlet order Flamingo, there is none better. I can also supply Albatross, Lady Bountiful, The Belle, Moonlight, Nelson Fisher, Mrs. Palmer and Indianapolis at $12.00 100, $100 1000. The Queen, $5.00 100, $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

CARNATIONS—Continued.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market, $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

Carnation cuttings, healthy, well-rooted stock.

	100	1000		100	1000
McKinley	$4.50	$40.00	Pond	$5.00	$45.00
Lawson	2.50	20.00	Wolcott	3.50	30.00
Hig'botham	1.50	12.50	F. Hill	1.50	12.00
Fairmaid	3.00	25.00	Success	3.00	25.00
G. Roosevelt	2.50	20.00	Floriana	2.00	15.00
H'lowardea	5.00	45.00	Crocker	2.00	15.00
M. Naylor	4.00	35.00	Prosperity	3.00	25.00

E. T. Grave, Richmond, Ind.

WESTERN GROWERS, TAKE NOTICE. SPECIAL PRICES.
Healthy, well-rooted carnation cuttings.

	100		100
Gov. Wolcott	$3.00	McKinley	$3.00
Estelle	2.00	Mary Wood	1.50
Lawson	1.50	Scott	1.00
Prosperity	2.00		

Extra strong stock.
Wm. L. Rock Flower Co., Kansas City, Mo.

Rooted carnation cuttings.

	100	1000		100	1000
Enchant	$6.00	$50.00	Marquis	$2.00	$17.50
Wolcott	4.00	35.00	G. Roosevelt	2.50	20.00
Nelson	3.00	25.00	Joost	2.00	15.00
Estelle	3.00	25.00	Lorna	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50
Glacier	2.50	20.00			

BELL MILLER, Springfield, Ill.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Challenger	$2.50	$20
Queen	5.00	40	Fair Maid	3.00	25
Lillian Pond	5.00	45	Harry Fenn	5.00	40
Prosperity	2.50	20	Gen. Maceo	2.50	20
Lawson	2.50	20	Q. Louise	2.00	15
Cressbrook	2.50	20	Bradt	3.00	25

C. Warburton, Fall River, Mass.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$14.00	W. Cloud	$1.75	$15.00
Dorothy	1.50		Hill	1.50	12.50
Joost	1.25	10.00	Crane	1.75	15.00
Marquis	1.50	12.50	Prosperity	1.50	14.00
Glacier	1.75	15.00			

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	—

Isaac H. Moss, Govanstown, Md.

Rooted cuttings, guaranteed to be as good as the best, ready now.

	100	1000		100	1000
Lawson	$2.50	$20.00	G. Angel	$2.00	$15.00
Fairmaid	2.50	20.00	Enchantress	6.00	50.00
Marquis	2.00	15.00	Hill	1.50	12.50
Crane	2.50	20.00			

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

We need the room. First-class goods.

	100	1000		100	1000
Wolcott	$2.50	$20.00	Lorna	$2.50	$20.00
Pond	2.50	20.00	Bradt	2.50	20.00
Enchant	5.00	45.00	Palmer	2.20	16.00
Prosperity	2.00	16.00	Lawson	2.00	16.00
G. R'velt	2.50	20.00	Hill	1.50	12.00
H'botham	2.20	20.00			

Poehlmana Bros Co., Morton Grove, Ill.

Carnation cuttings, well rooted.

Enchantress	$6.00 100	$50.00 1000
Queen	5.00 100	40.00 1000
Lawson	3.00 100	25.00 1000
Crane	3.00 100	25.00 1000

We can furnish most any variety on the market. Write us for prices.
Leo Niessen, 1217 Arch St., Philadelphia.

Carnations, sand-rooted cuttings.

	100	1000		100	1000
W. Cloud	$1.50	$12.50	Prosperity	$2.25	$20.00
Q. Louise	1.75	15.00	Lawson	2.25	20.00
Bradt	2.25	20.00	Crane	2.25	20.00
Joost	1.50	15.00	Enchant	6.00	50.00

250 at 1000 rate. Cash or C. O. D.
A. Laub & Son, Hughsonville, N. Y.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Having a surplus of rooted cuttings of Joost carnations, I offer to sell at $1.50 per 100 or exchange for the following varieties: Peru, Her Majesty, America, Roosevelt, Crane or Mrs. H. Weeks mum cuttings; also smilax to sell at $2.00 per 100.
S. S. Brenneman, Webb City, Mo.

	100.	1000.		100.	1000.
Queen	$3.75	$37.00	Lawson	$1.60	$14.50
Enchant	5.00	45.00	Prosperity	1.60	13.50

All other varieties at equally low prices. Cash with order.
B. Merkel & Sons, Carlstadt, N. J.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and staadard varieties.
H. Weber & Sons, Oakland, Md.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$1.50	$12.50	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.00	18.00	Estelle	2.00	18.00
G. Angel	1.25	10.00			

H. Hansen, 4016 No. Clark St., Chicago.

Rooted carnation cuttings of
Enchantress $6.00 100; $50.00 1000
The Queen 5.00 100; 40.00 1000
High-grade cuttings of these splendid varieties now ready.
Larchmont Nurseries, Larchmont, N. Y.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crowa Point Floral Co., Crown Point, Ind.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.
W. W. Coles, Kokomo, Ind.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.
C. W. Blatchley, Plantsville, Conn.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.
Sidney Littlefield, North Abington, Mass.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

Carnation rooted cuttings. 800 Lawson, 800 Prosperity, 500 Marquis, 500 F. Hill and 1000 Joost, $1.00 per 100; $9.00 per 1000.
E. B. Lewis, Lockport, N. Y.

Rooted cuttings of Flora Hill and Peru, extra fine stock, $9.00 per 1000. Will exchange some of them for a few White Clouds.
A. L. Randall Co., 19-21 Randolph St., Chicago.

Crane, the best standard red carnation; healthy stock, strong well-rooted cuttings, $1.50 100; $12.50 1000.
H. N. Eaton, South Sudbury, Mass.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.
C. C. Pollworth Co., Milwaukee, Wis.

Ethel Crocker, rooted cuttings, $1.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Clean, well-rooted cuttings of Joost, Hill, Crocker, McGowan; while they last, 85c 100. Cash.
Wm. B. Lovell, Sabula, Iowa.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

24 var. of carnations, 2½-in., healthy, well-rooted Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Mrs. Fisher carnation for summer blooming, fine 2-in., $2.50 100; $20.00 1000.
Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Bernheimer, 11 So. 16th St., Phila.

Carnations, Joost, transpl. from flats, extra fine, $1.25 per 100, prepaid.
G. A. Thiele, Frankford, Phila., Pa.

Joost and Hill rooted cuttings, 75c 100. Will exchange other stock.
Burdell Flo. Co., Bowling Green, Ky.

CHRYSANTHEMUMS.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Prima, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Bonita, Yanoma, Orizaba, Lincoln, Monrovia, Joha Shrimpton, G. W. Childs, Nagoya, Rieman, Mrs. Coombes, from sand, $2.60 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Walter Molatsch, Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, pink and white; Willowbrook, Helen Bloodgood, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100.

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
H. N. EATON, South Sudbury, Mass.

Chrysanthemums. Wm. Duckham, graad stock, 3-in. pots, 75c each, $7.00 doz. Souvenir de Calvat, 50c each, $5.00 doz. Josephine Rousset, Mlle. V. Morel, 25c each. Loveliness, 15c each. Mrs. H. V. Casey, M. Richardson, Dunban's Pride, C. J. Salter, F. S. Vallis, $1.00 doz. Mrs. J. Jones, R. C., $1.25 100. Mlle. M. Liger, R. C., $3.00 100.
G. A. Lotze, Jr., Glen Burnie, Md.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Bea Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

Chrysanthemum stock plants. Bergmann, Lady Harriett, Glory of Pacific, Polly Rose, R. Halliday, Bassett, H. Robinson, The Queen, Ivory, F. Pulman, Perrin, J. Jones, T. Eaton, H. H. Rieman, 60c doz.; rooted cuttings, $1.50 100. W. W. Stertziag, Maplewood P. O., St. Louis, Mo.

Chrysanthemums. M. Bonnaffon, Glory Pacific, Halliday, Polar Queen, Mispah and Garza, $1.25 100, or trade McKinley, Egandale cannas, or rooted vinca cuttings. Gloede, Evanston, Ill.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.
Chase & Son, New London, O.

Chrysanthemum rooted cuttings. Orders booked now for April and May delivery. Send for price list of varieties.
W. A. Chalfant, Springfield, Mo.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Mums. 2½-in. T. Eaton and Col. Appleton, $2.00 per 100. Glory of Pacific, $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

70 best varieties of chrysanthemums. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

7,000 2½-in. Merry Christmas, fine, $2.25 100.
Poehlmann Bros Co., Morton Grove, Ill.

Chrysanthemums, young plants, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Cinerarias, 6-in., in bloom, now or for Easter, $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis Jackmanii, field-roots, $12.00 per 100. Sample mailed for 15 cents.
O. H. Drew, Hibernia, New York.

Clematis paniculata, 2½-in., $3.00 100; 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Clematis coccinnea, $40 to $45; cripa, $35 to $40 per 1000. William Tell, Austin, Tex.

Clematis, 6 distinct kinds, 2-year, $2.00 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus in assortment, 2-in., $2.00 per 100. Brilliancy, Model, Hamer and Galety (as large as Brilliancy, but very finely mottled) in assortment, 50c per doz.; separate, 60c.
N. O. Caswell, Delavan, Ill.

Strong, well-rooted cuttings of coleus—Golden Bedder, Crimson Verschaffeltii, Fire Brand and Rainbow, 75c per 100, $6.00 per 1000. Cash with order, please.
Hugo Book, Worcester, Mass.

Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.
Frank A. Pierson, Cromwell, Conn.

Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
The Livingston Seed Co., Columbus, O.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
L. H. Foster, Dorchester, Mass.

Coleus in 10 varieties, 2-in., 35c doz. Rooted cuttings, 75c per 100. Fine assortment.
Elmhurst Nursery, Argentine, Kan.

12 good var., 2-in. pots, $2.00 100. Rooted cuttings at 70c 100, $6.00 1000. Cash.
J. H. Fiesser, 415 Summit Av., W. Hoboken, N. J.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write
Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
B. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, 6ne assortment, 75c 100; $6.00 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus, 10 var., 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash. S. D. Brant, Clay Center, Kan.

Coleus cuttings, 6 leading varieties, $7.00 per 1000. J. C. Murray, Florist, Peoria, Ill.

Coleus cuttings, 10 varieties, $8.00 per 1000. The McGregor Bros. Co., Springfield, Ohio.

Coleus. 15 var., 2-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica. We are headquarters for it. Write us.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1000 lbs., assorted, $60.00; 500 lbs., $32.50; 100 lbs., $7.50.
F. W. O. Schmitz, Prince Bay, N. Y.

CYCLAMEN.

Cyclamen giganteum, twice transplanted, 6 to 9 leaves in four different colors, $4.00 per 100, prepaid.
G. A. Thiele, Frankford, Phila., Pa.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

DAHLIAS.

Dahlias. Mrs. Winters, the world's best white, $18.00 per 100. Ingeborg Egeland, the best scarlet cactus, $5.00 per doz. Up-to-date standard varieties, $6.50 per 100.
Send for catalogue of dahlias, hollyhocks and hardy herbaceous plants.
W. W. WILMORE, Dahlia Specialist, Box 382, Denver, Colo.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer at $5.00 per 100. Can furnish in large quantity.
O. B. STEVENS, Shenandoah, Iowa.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting, 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.
HENRY A. DREER, Philadelphia, Pa.

Dahlias, 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Single Dahlias, sep. colors, mixed, $3.00 100. Cash, please.
H. Ernst & Son, Washington, Mo.

Single dahlias—mixed—size of pot-grown roots—extra fine strain—almost endless variety of form and color—$1.50 per 100; $10.00 per 1000. Very small roots, half price. Cash.
Wm. F. Bassett & Son, Hammonton, N. J.

Dahlias. Seedsmen and florists wishing to keep up to date will be well paid for sending for my trade list. I am listing 108 new varieties, all under name.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Choice, double, named, whole roots, $1.00 per doz., $5.00 per 100.
Madeira vines, strong, No. 1, $1.00 100, $6.00 1000; second size, 50c 100, $3.00 1000.
E. Y. Teas, Centerville, Ind.

Dahlia roots, $5.00 100; $40.00 1000. Plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
B. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, 25 named varieties. Good tubers. Fine for cut flowers; show, cactus and pompons. Named var., $5.00 per 100. Mixed var., $4.00 per 100. Elmhurst Nursery, Argentine, Kan.

Dahlias. A fine collection of show, decorative, cactus and pompons. Field-grown roots, $6.00 per 100, $50.00 per 1000. Send for list.
Vick & Hill Co., Rochester, N. Y.

Dahlias. Choice crowns of Nymphaea, A. D. Livoni, Snowclad, Prince Charming, Strahlen Krone and others, $2.00 100, $15.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Large field-clumps, named or separate colors, 75c doz., $5.50 100, $50.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Dahlias, large field-grown clumps of finest mixed, $2.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

25 leading varieties of dahlias. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Improved Shasta daisy plants, $20.00 1000, $50.00 5000; 500 at 1000 rate, 2,500 at 5000 rate. Cash or C. O. D. with privilege of examining. Express prepaid at above prices.
California Carnation Co., Box 103, Loomis, Cal.

Daisies. Strong September transplanted English daisies (Snowball and Longfellow), wintered in frames and now in bud and bloom, fine for Easter, at $1.00 100; $7.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Bellis, mostly in bud and bloom, from flats, mixed colors, $1.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Marguerite rooted cuttings, strong, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

DRACÆNAS.

DRACAENA INDIVISA.

3-inch pots, $9.75 doz.	$ 6.00 100
4-inch pots, 2.00 doz.	15.00 100
5-inch pots, 2.50 doz.	20.00 100
6-inch pots, 3.50 doz.	25.00 100

HENRY A. DREER, Philadelphia, Pa.

Dracaena indivisa, 3-inch, $5.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
Harvey B. Snow, Camden, New York.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, strong 4-in., $6.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

EASTER PLANTS.

EASTER PLANTS.
40,000 BLOOMING PLANTS FOR EASTER.
Crimson Ramblers, unique designs, extra fine, $1.00 to $25.00 each.
Hydrangeas, finest in the market. $1.00 to $5.00 each.
Lilium Longiflorums, 12 to 15c per bloom.
Hyacinths, in pans, $12.00 per doz.
Azaleas, 75c to $15.00 each.
Hybrid roses, $5.00 per doz. and up.
Spiraeas, $4.00 per doz. and up.
Rhododendrons, $1.00 to $15.00 each.
Also a large assortment of palms and other ornamental plants. Cash. H. C. STEINHOFF, 578 Hudson Boul., West Hoboken, N. J.

Japan dbl. d. cherries, pot grown, fancy twisted, 75c each, $7.50 doz. Multigrafted maples, various sorts on one stem, Atropurpurenm sanguineum, variegated, etc., 50c each, $5.00 doz. Grafted on two stems, figured, 60c each, $6.00 doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

We have the largest stock of EASTER PLANTS in the U. S. See our displayed adv.
Godfrey Aschmann, 1012 Ontario St., Phila.

FERNS.

CIBOTIUM SCHIEDEI.
Do not be without this beautiful fern. Only a small quantity left. Fine healthy stock, 3-in., $30.00 per 100, 25 at 100 rate; 10-in., extra large specimens, $4.50 each, $50.00 per doz.
FERN SPORES.
Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
ANDERSON & CHRISTENSEN.
Telephone Call 29-I. Short Hills, N. J.

Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni—2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Any number at above prices. Cash.
Davis Bros., Geneva, Ill.

PIERSON FERNS A SPECIALTY FOR LATE SPRING AND SUMMER DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

ADIANTUM CUNEATUM. A large stock in prime condition.

3-inch pots	$ 6.00 per 100
4-inch pots	10.00 per 100
5-inch pots	15.00 per 100
6-inch pots	25.00 per 100

HENRY A. DREER, Philadelphia, Pa.

Nephrolepis exaltata Bostoniensis. We are booking orders now for spring delivery. Place your order and secure stock. Have a few thousand ready for immediate delivery. Nice, young plants, $15.00 per 1000. Send P. O. orders on Little River. Soar Bros., Little River, Fla.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-inch., $3.50 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Ferns—	100	1000
Anna Foster, 2½-in.	$4.00	$35.00
Anna Foster, 3-in.	6.00	
Boston, 2½-in	4.00	35.00
Boston, 3-in	6.00	

VICK & HILL CO., Rochester, N. Y.

Bostoniensis, 2¼-in., strong, $4.00 100; from bench, ready for 4-in., $10.00 100. Piersoni, 2¼-in., strong, $10.00 100; from bench, ready for 4-in., $25.00 100.
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Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Double petunias, mostly pink; rooted cuttings, $1.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Petunias, 2½-in., $2.25 100. Rooted cuttings, $1.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Mexican primrose from 2½-in., $2.50 per 100. Cash with order.
H. J. Blanchard, Ashburnham, Mass.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr. 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

California privet, one-year, branched, 12 to 18-inch, $7.50 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

If in need of small privet, write
L. H. Foster, Dorchester, Mass.

ROOTED CUTTINGS.

Rooted cuttings. Coleus, Verschaffeltii, Golden Bedder and Firebrand, 75c 100, $6.00 1000; 10 best sorts, bright colors, in variety, 60c 100, $5.00 1000. Cuphea (cigar plant), 60c 100. Salvias—Splendens and Bonfire, $1.00 100, $9.00 1000. Heliotropes—light and dark, $1.00 100, $9.00 1000. Ageratums—Stella Gurney, 60c 100, $5.00 1000. Lobelias—fancy blue, 60c 100, $5.00 1000. Water ivy, 60c 100. Sweet alyssum—Giant Double, 60c 100, $5.00 1000. Marguerites — white and yellow, $1.00 100. Chrysanthemums—Estelle, the best early white, $1.50 100, $12.00 1000. All strong, well-rooted. Satisfaction guaranteed. Add 10c 100 if wanted by mail. Cash.
Critchell's, Avondale, Cincinnati, O.

Rooted cuttings at 50c per 100, blue lobelias. At 75c, dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, 3-in. Sprengeri, 3-in. vincas and Boston runners.
J. A. WIBE, Box 125, Downers Grove, Ill.

ROOTED CUTTINGS—Continued.

Rooted cuttings. Ageratums-Gurney, Pauline, White; alternaotheras—Red and yellow; verbenas, 10 kinds, 50c per 100. Salvias splendens, Bonfire, Silver Spot; Stevia var.; Vinca var., 90c per 100. Hardy pinks, 5 best kinds, 75c per 100. Fuchsia, 5 kinds, $1.25 per 100, prepaid. Cash.
Byer Bros., Chambersburg, Pa.

R. C. of 15 var. of coleus. Best salvias, White, Pauline and Gurney ageratums, at 60c per 100, delivered free.
Wm. H. Stenger & Son, Granville, Ohio.

Coleus, 75c 100, $6.00 1000. Alyssum, 60c 100. Feverfew, 75c 100. Vinca var., 75c 100, $7.00 1000. White ten weeks' stocks from flats, stocky plants, $6.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Rooted cuttings of Impatiens Sultani, Anthemis coronaria, $2.00 100, prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty	7.00	60.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

CHOICE GRAFTED STOCK. We are now grafting on Manetti, all from choice flowering wood, and offer for sale, April 1 delivery, the following: Bride and Bridesmaid, $12.00 per 100, $100.00 per 1000; Liberty, $15.00 per 100.
Rose plants—Chatenay, 2½-in., $6.00 per 100; $50.00 per 1000.
Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100; Kaiserins and Perlea, $2.50 per 100.
Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses in 2½-in. pots—	100	1000
American Beauty	$6.00	$50.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Golden Gate	3.00	25.00
Sunrise	5.00	40.00
Chatenay	6.00	50.00
Uncle John	20.00	150.00
Rose cuttings, well rooted—	100	1000
American Beauty	$3.00	$25.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50
Golden Gate	1.50	12.50

The Benthey-Coatsworth Co., 35 Randolph St., Chicago, Ill.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

ROSE PLANTS.

Bride, Maid, Ivory,
2-in., $2.50; 2½-in., $3.50 per 100.
Perle Wootton
La France Kaiserin
2-in., $3.00; 2½-in., $4.00 per 100.
American Beauties, 2-in., $4.50; 2½-in., $6.00 per 100.
Soupert and Hermosa, 2½-in., $3.00 per 100.
500 extra fine Hermosa, 2-yr.-old, 3-in. pots, $5.00 per 100.
All rose stock 2 and 3 eyed; shifted from 2 to 2½-in. J. C. Murray, Florist, Peoria, Ill.

Rooted rose cuttings.

	100.	1000.		100.	1000.
Bride	$1.50	$12.50	La France.	$2.00	$15.00
Bridesmaid	1.50	12.50	Meteor	1.50	12.50
Ivory	1.50	12.50	Liberty	3.00	25.00
G. Gate	1.50	12.50			

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, strong 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.
White and Pink Maman Cochet, $25.00 per 1000.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

AMERICAN BEAUTIES, clean, healthy stock.
2-in., $5.00 per 100; $40.00 per 1000.
3-in., $6.00 per 100; $50.00 per 1000.
Bride, Maid and Perle cuttings, $1.25 per 100; 2-in. stock, $2.50 per 100; $20.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.
Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Stock Beauties, Liberties, $10.00 100. Cash.
John Brod, Niles Center, Ill.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

Rose plants from 2¼-inch pots.

	100	1000
Bridesmaid	$3.00	$25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00
Ivory	4.00	

Geo. W. Waterfield, Chestnut Hill, Phila., Pa.

American Beauty, 2½-in., $6.00 100; rooted cuttings, $3.00 100. Bride, Maid, Ivory, Gate, 2½-in., $3.00 100; rooted cuttings, $1.50 100. Perle, Kaiserin, Canadian Queen, 2½-in., $4.00 100; rooted cuttings, $2.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write
Geo. A. Kuhl, Pekin, Ill.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots, Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100.
J. L. Dillon, Bloomsburg, Pa.

Rose cuttings. Stock in perfect shape and ready to ship. Bride, Bridesmaid, Ivory and Golden Gate, $12.50 1000. 500 at 1000 rate.
Siener Bros., 58-60 Wabash Ave., Chicago.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Peonock, 1612 Ludlow St., Philadelphia.

Rooted rose cuttings, $1.50 per 100—Golden Gate, Ivory, Bride, Bridesmaid and Perle. All clean, healthy and well rooted, 2¼-in., $2.50 per 100. Cash. N. P. Colberg, Morris, Ill.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine dishudded plants. Prices and samples upon application.
Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted rose cuttings of Bride, Maid, Golden Gate and Ivory, $1.50 per 100; $12.50 per 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Brides, Maids, Ivory, Perle, fine 2½-in stock, $3.00 100; Beauties, $5.00 100.
J. F. Ammann, Edwardsville, Ill.

Roses. Strong Brides and Maids, 2-in., $2.50 per 100. Satisfaction assured.
Paul O. Taner, Lebanon, Ind.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Balier, Bloomington, Ill.

Kaiserin roses, good plants, 3-in., $8.00 100. Cash. C. E. Meehan, Mt. Airy, Phila., Pa.

H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Rubbers, 20 and 25c each.
W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Bonfire, 2¼-inch., $1.50 per 100. Rooted cuttings, 35c per 100.
Burnell & Totman, Randolph, Vt.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvias, nice 2½-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

Salvias, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

SEEDS.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.
Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alterolfolius, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe island palm), a fine, rapid growing fan palm, $1.00 100 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

Asparagus plumosus nanus seed, the true kind, $6.50 1000, $30.00 5000. Improved Shasta daisy seed, $1.00 1000, $4.00 5000. Hand hybridized carnation seed, $1.00 100, $9.00 1000. Smilax seed 25c oz., $2.00 lb. Giant pansy seed, $4.00 oz., 25 seeds at 100 rate, 500 at 1000 rate, 2500 at 5000 rate. Express prepaid at above prices. Cash or C. O. D.
California Carnation Co., Box 103, Loomis, Cal.

New crop Salvia splendens, Clara Redman or Bonfire, per trade pkt., 25c; oz., $2.25. Asparagus plumosus nanus, per 100 seeds, $1.00; 1000, $7.00; 5000, $6.50 per 1000. Giant Shasta daisy seed, per 100, 15c; 1000, 85c; 5000, $3.75. New crop smilax seed, per oz., 20c; ¼-lb., 60c; lb., $2.00. Write for our florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Asclepias tuberosa, delphiniums, 12 var. Dianthus barbatus, Hunt's best of all; digitalis or fox gloves, 12 varieties. Lobelia cardinalis, stock limited (X). Primula elatior, gold laced (X), Forbesi or Baby primrose (X). Hollyhocks, white and yellow, double extra. A few pounds each of the above, except those marked X. Trial pkt., 10c each.
Chas. Long, 277 Jefferson Ave., Rochester, N. Y.

Chater's hollyhock seed, 6 superb double colors, 70c per oz., 40c per ½ oz. Allegheny, $1.00 per oz., 60c per ½ oz. Ficifolia, double hollyhock, NEW, $1.00 per oz. Single hollyhock, 10 distinct colors, 60c per ½ oz. Cash.
John Charlton & Sons, Rochester, N. Y.

Flowers from our improved strain of Semple's Branching Aster seed command the best price in the cut flower market. Colors—blue, lavender, white, pink, scarlet, and mixed. Trade pkt., 30c; oz., $1.00.
Henry F. Michell Co., 1018 Market St., Phila.

Palm Seeds. New crop Cocos Weddeliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Extra selected aster seeds, 50c per oz., prepaid by mail. Large-branching white, with about 10 per cent pink; large-branching pink, with about 10 per cent white; white, pink and lavender, mixed.
Th. F. Van der Meulen, Dunkirk, N. Y.

Mammoth verbena, white, pink, scarlet, purple and mixed, $1.25 oz. Petunia, single, large-fl., fringed, pkt., 25c and 50c. Dbl. large-fl., fringed, pkt., 50c and $1.00. Send for wholesale seed list. W. C. Beckert, Allegheny, Pa.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

CHOICE FLOWER SEEDS, CROP 1903. Asparagus Sprengeri, 15c per 100; $1.00 per 1000. Complete stock florists' flower seeds.
J. C. Murray's Seed Store, 420 South Adams St., Peoria, Ill.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.
S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Mammoth Evergreen sweet corn. Germination, 90 per cent. Send for sample.
C. E. Hubbard, Topeka, Kan.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100, $7.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMALL FRUIT PLANTS.

New Phenomenal raspberry, 20 berries fill a quart box; can ship 2000 miles. Price—Tips, $2.00 doz., $10.00 100. Cash or C. O. D. with privilege of examining. Express prepaid.
California Carnation Co., Box 103, Loomis, Cal.

Strawberry plants, nearly 50 var. New and old sorts. 10,000 grape vines. 100,000 raspberry plants, leading var. It will pay you to get our catalogue.
Elmhurst Nursery & Fruit Farm, Argentine, Kan.

"Strawberry plants that grow." Standard sorts, $1.75 to $3.00 1000. Also grape, raspberry, blackberry and currant plants. Catalogue free.
C. E. Whitten, R. D. No. 10, Bridgman, Mich.

The McPIKE GRAPE. Send to headquarters for genuine vines. Largest, hardiest, most delicious, most prolific grape known.
Edwin H. Riehl, North Altoa, Ill.

SMILAX.

Smilax, extra strong, bushy plants, 2½-in. pots, $1.25 per 100; $10.00 per 1000.
E. A. Richards, Greenfield, Mass.

Smilax, extra strong and fine, $2.00 per 100. From flats, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.00 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 50c per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, $2.00 per 100.
S. S. Breeneman, Webb City, Mo.

SPIRÆAS.

Spiraea japonica, $3.00 100; S. compacta multiflora, $3.50 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea comp. multi., large clumps, 40c doz., $2.50 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $2.00 per 100.
Paul O. Tauer, Lebanon, Ind.

VEGETABLE PLANTS

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce, Big Boston, from cold frame, $1.00 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Order now, tomatoes, cabbage, cauliflower and egg plants. Get our prices.
Hammerschmidt & Clark, Medina, O.

Lettuce plants, $1.25 per 1000. Tomato, $1.25 per 1000. J. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

VIRBUNUMS.

Viburnums, collected, Cassinoides, dentatum, lantanoides, 6 in. to 2 ft., $8.00 per 1000; lentago, 4 ft. to 8 ft., bushy, good roots, $3.00 per 10, $15.00 per 100.
L. E. Williams, Nottingham, N. H.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

VINCAS.

Vinca variegata, large plants ready for 5-inch pots, or can be divided, $7.50 100; 2¼-inch, $2.50 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Vinca variegata major, 4 to 6 runners, 2½-in., $2.00 per 100. Cash.
C. F. Mahan, R. R. S, Dayton, Ohio.

Vinca variegata vines, 2-in., $2.50 100. Cash.
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TULIP TALK.

As regards soil, etc., it may be stated that the tulip delights in a nice rich light soil, and, when potting, leave the top of the bulb level with the surface of the soil, and do not press too firmly. The great point in forcing tulips, says a writer in the Gardening World, is to be sure that the bulbs are well-rooted ere commencing to force, as on this point much of their successful cultivation depends.

The Due Van Thol varieties are the earliest for forcing; these are too well known to need description. A tulip well worth forcing in large quantities is Mon Tresor, a variety with large, rich, golden-yellow flowers of very attractive appearance, which can be had in bloom by Christmas easily; moreover it grows to a good height (11 inches). Pottebakker White, too, is very effective, as is Canary Bird, a rich, beautiful yellow. Proserpine, a rich, dark, silky rose, should not be omitted from the list. One of the finest for pot work is Vermilion Brilliant, which does not belie its name, and is worthy of a place in every collection. The writer has also found Bacchus a very useful variety for forcing. Then Cottage Maid and Rose Gris-de-Lin are both liked, their colors being so delicate, yet very distinct and pretty. Both respond readily to forcing. La Reine is too well known to need any description. L'Immaculé, too, is a nice, early white variety, and is not expensive; while to those who desire a first-class tulip, Joost Van Vondel White is a lovely variety, albeit rather expensive. Pink Perfection is another variety of great merit, with its beautiful deep pink flowers, and is always appreciated. Keizerskroon is very effective, with its bright red, yellow-edged flowers. Three very fine scented varieties much liked are Prince of Austria, a delightful orange-shaded scarlet variety, and a nice, tall grower; Thomas Moore, rich orange, and Golden Prince, both of which latter are well known.

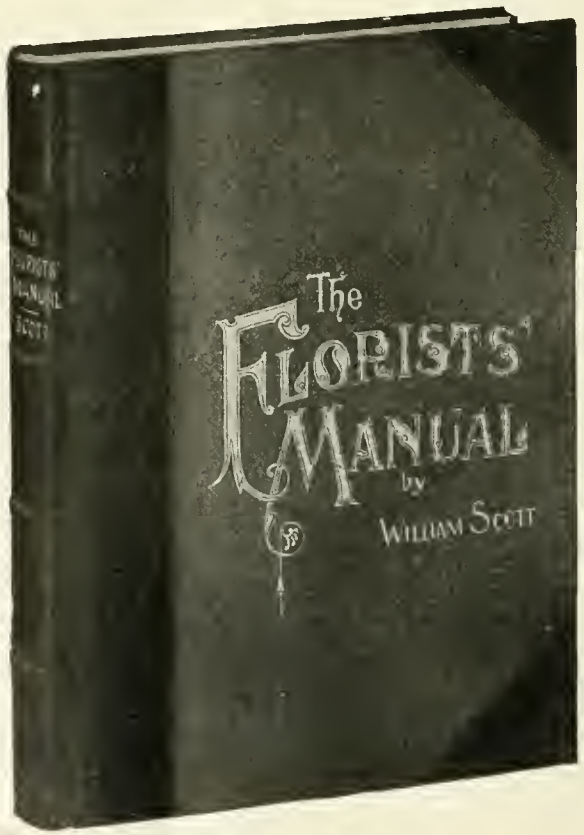
The writer forced all the above-mentioned varieties last winter, and they did so well as to merit another trial this year. In connection with tulip forcing, one often hears the cry of short stalks, but the writer averted this by the use of inverted boxes and pots to fit over the other boxes and pots, thus drawing the stems. In conclusion, the writer must not omit to mention Murillo, a double tulip. Double tulips do not, as a rule, "catch on" like the singles, but Murillo, with its fine double rose and white flowers, more like a peony, is always welcome.

Mt. Clemens, Mich.—Robert Klagge is preparing to put up three more houses as soon as the weather will allow. He has his carnations and violets in fine shape. He still grows violets in bottomless pots, something the average grower used but one year.

Bay Shore, N. Y.—H. L. Patthey has a good thing in his Gov. Odell carnation. It is a strong grower, free bloomer, with perfect flower and strong calyx. The color is a clear light pink. He has another variety, named Successor, which he proposes to put on the market next year. It is a cerise pink of good growth, fine flower and very long stem. It is much like the old William Scott in appearance but a much larger flower and better in every way.

Anonymous queries cannot receive attention. Names and addresses are necessary.

Your paper is the only paper.—J. Sandstrom, Monence, Ill.



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HOUSES FOR SOUTH.

I want to build two houses, about 15x60, to run nearly east and west, one for carnations and one for general stock, with potting room at the west end, which will help to keep off the cold wind. What would be the best way to build them, separate or attached, and what kind of wall would be best; also what size boiler and how many pipes to keep the temperature up to 60 degrees when outside it is 16 below freezing. I want to use brick flues in case we have extra cold snaps, but 16 is the lowest we have had here for six years. G. J. S.

In my judgment the ridge and furrow plan will prove most satisfactory for two houses of the dimensions stated, to be used for stock demanding temperatures so near alike. Experience has made me an advocate of a nine-inch brick wall laid in double courses, with air space between the courses of brick, using a header course every fifth course, and a header course on top directly under the plate or gutter. A three-piece cypress gutter with cypress sash bars and a V-shaped valley between the houses supported on 2-inch gas pipe, the ends of which have been split and flattened by a smith to form a Y into which the gutter will fit will form suitable supports, provided the bottom end of the uprights are set firmly upon a stone, brick, or cement base. If, after the gutter is lined up, a concrete base can be made about the base of each upright by filling in for twelve or fifteen inches with soft concrete, which should be allowed to harden before the weight of the gutter is allowed to come upon it, a most satisfactory foundation will be secured. Such supports should be at least as close as six feet apart.

For your climate and houses of the size you mention hot water heating will prove most satisfactory. The houses can be piped with one 2-inch riser running under the ridge and dividing at the far end into twelve 1¼-inch return pipes, which can be distributed under the benches or along the side walls, as may seem most convenient, always allowing at least one extra pipe under each of the benches next to the outside walls.

The boiler should have a capacity for at least 1,000 feet of radiation and should be arranged to work on the pressure system, with an expansion tank attached to the return near the boiler and opening into a forty or fifty gallon expansion tank located at least ten feet above the highest point in the flow pipes. The highest point in the flow pipes should be at the point farthest from the boiler, or where it subdivides to supply the returns. L. C. C.

Grand Rapids, Mich.—C. R. Hills, of the Grand Rapids Violet Co., has been in New York for a few days.

Baltimore, Md.—James Warden, said to be 102 years of age and formerly engaged in the trade, died in the almshouse February 26.

Wichita, Kan.—Chas. Mueller's boiler gave out at midnight, February 13, and before repairs could be made the temperature fell to 34 degrees.

Chester, Pa.—David Wilson, who recently broke one of the bones in his hand by a fall on the ice, is able to attend business but not yet able to use the injured member.

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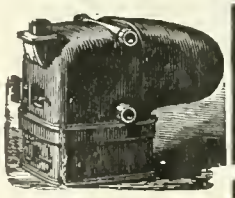

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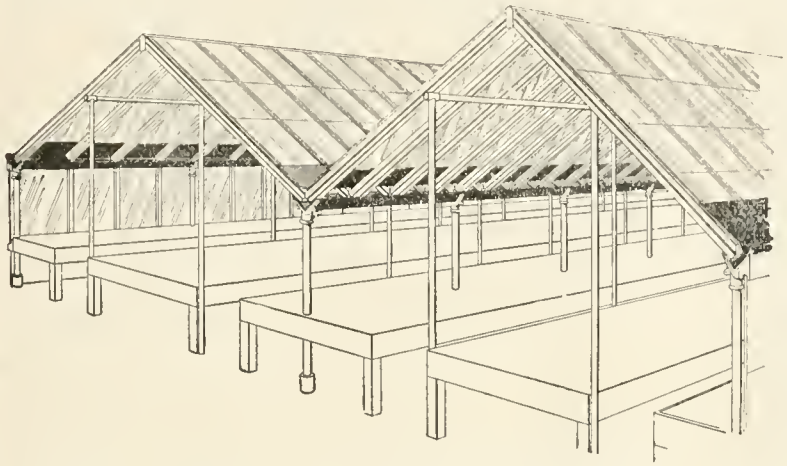

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520-535 Caxton Building,

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NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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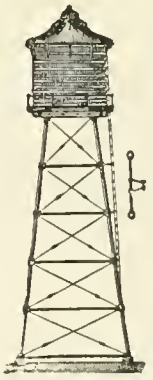

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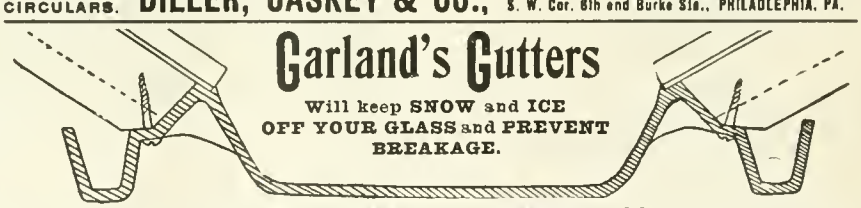

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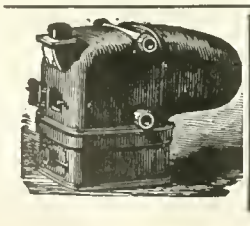

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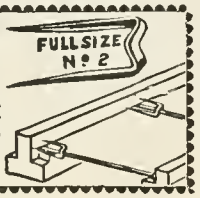

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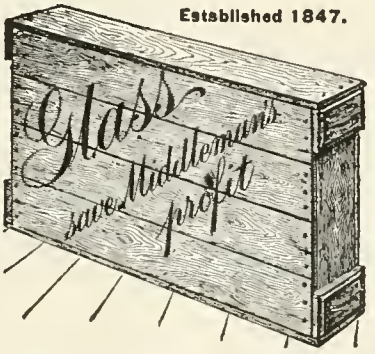

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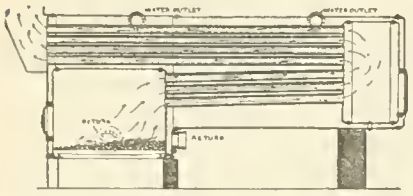

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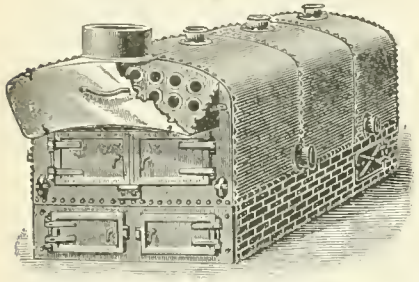

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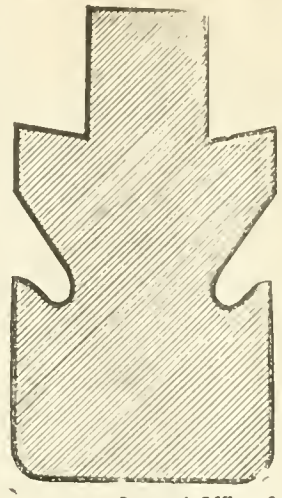

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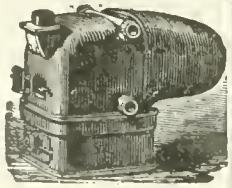

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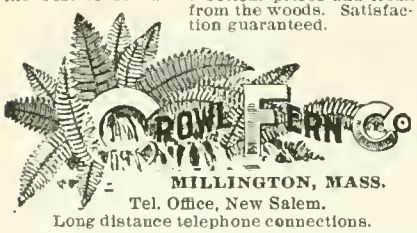

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MISCELLANEOUS SEASONABLE HINTS.

Handling Seedlings.

In concluding my notes last week I said I would like to say something more about the care of seedlings. Seeds do not certainly need the light to germinate, for nearly all are hidden from the light by the covering of compost of some kind, but as soon as they are above the ground light is very essential or they will draw up and be spindling, and that is a poor start for them. Especially is this true of the dicotyledons, which includes the vast majority of our flowering plants. So, when above the ground, the fullest light should be given them. A temporary shade during the brightest hours of a sunny day is of benefit, for it prevents a sudden and severe drying out which would not be at all desirable, but you don't want them under glass that is whitewashed.

Asters, marigolds, phloxes, balsams, ten-week stocks, dianthus and all that class of annuals you will be sowing now and if you have sown thickly, which we are all so guilty of doing, the little plants, in spite of all the light and air you can give them, will quickly run up an inch or so above the soil before the seed leaves are expanded. As soon as the character leaf begins to show, it is time to transplant them into the flats from which they are sold or planted out of doors. The more room you can give them when transplanted, the stouter will they grow. Some may want an inch and a half apart, some two inches. This is when your asters begin to take up some space in your benches, but it is after Easter by that time and your congestion is over and cold frames and hotbeds have come into use.

Transplanting.

Just a word about this operation of transplanting the seedlings. In that well-known book on market gardening, "Gardening for Profit," by Peter Henderson, he impresses on the gardener the necessity for what he calls "firming" the soil round the roots of such plants as cabbage and cauliflower when putting them into the field. Transplanting these little flowering annuals into flats of 3 inches of soil, or maybe a bed or bench, is the same in miniature. It is no use to elaborate on how senselessly this is often done, or how not to do it. Make the hole in the sod large enough so that the roots can go down straight, and deep enough so that the roots and stem will go down and leave the seed leaves almost lying on the sod. Don't squeeze the soil at the surface tight around the little, succulent stem, the watering will do that, but get your dibbling stick down where the roots are and be sure the soil is compact round the roots, where they can at once take hold. I have seen several thousand little asters pine and grow yellow, because a big tall man punched the soil around the stem at the surface and let the roots hang in vacuum.

Excuse me for alluding to cabbage and cauliflower in these notes, but Mr. Peirce, of Waltham, Mass., says that cauliflower is simply a cabbage with a college education and the great Dr. Johnson said it was his favorite flower.

The Cobaea.

There is that free growing summer climber, or vine, that we have to grow, Cobæa scandens. With us April 1 is plenty time to sow it. When it gets growing it grows so rampant that we lose control of it and it is none the better for planting out with too much growth inside. If you don't know which end of the seed to squeeze into the ground, then sow it edgewise, not flat. Push each seed into the soil till the top edge of the seed is even with the surface and keep in a house at 55 to 60 degrees. When the true leaf begins to show, pot singly into 2 or 2½-inch pots and later shift into 4-inch. There is always a demand for this quick-growing climber and the price we get for it makes it more profitable than many things.

High Time to Propagate.

As the season advances there will be more sun heat, with the temperature of your houses higher, and less fire heat, with the sand of your propagating bed cooler. This is the reverse of favorable conditions for propagating nearly all soft-wooded plants and therefore no empty space in your sand should be allowed now, for cuttings put in now will not bother you till after the Easter rush, when bench room is available. If you need them, put in all you can of coleus, achyranthes, ageratum, santolina, lemon verbena, heliotrope, lantana, in fact all that class of plants that enter into your spring trade.

If you grow Hydrangea Otaksa as an Easter plant, you will have propagated some young stock, perhaps two months ago. Don't leave them in 2½-inch pots to draw up into lanky plants. The foundation of a good plant for forcing is laid now. Shift them into 3½ or 4-inch pots and pinch out the crown of growth and give them room to make lateral growth as they need it. A light bench and 45 degrees at night is enough.

Easter Plants.

Easter is getting so near that it is uppermost in our minds and a few words about the principal plants for that all-important time seem unavoidable. We fully expected after three and a half months arctic winter that March would be mild and winter would be gone, or going. It is not so with us. Snow, ice and cloudy days are still with us and this makes all the difference with our crops. It is too late now to give any advice, for everything is under glass. Early as Easter is, it seems after all to suit the majority of the crops quite as well as if it was fifteen days later. I can only mention some plants whose condition I notice and think about right at this date, March 14. If the largest buds of the Crimson Ramblers are just showing color they are all right. If the buds of the Japan lilies are beginning to point downwards they are none too soon and don't put them into a cool house until the buds are about ready to expand.

New Form of Boston Fern Originating with A. E. Mauff, Denver.

Tulips, hyacinths and other bulbous stuff you have only just brought in. If the sun shines they will be all right in a cool house; if cold and cloudy they may want 60 degrees at night. Don't be late with that beautiful double tulip, Murillo. It wants to be out several days to show its satiny pink shade. If azaleas are showing color they are just right; if too forward put them in a cool, shaded house. A bright, sunny day, if not shaded, makes them jump. Rhododendrons will do if just now showing color. They drop their flowers quickly and you don't want them a day too early. Spiræa (astilbe) with the very earliest of their flowers showing white, will be all right and they are wonderfully improved if each plant is stood in a saucer and some liquid manure is constantly kept in the saucer. Lilacs come on so fast that you are not likely to be late with them, but they last a long time in a cool house, so get them out. Every year we have sold 6 or 7-inch pans of double violets. Don't lift them till the last moment, for they are never as good as the hour or day you make them up. If you had Lawson carnations in 6-inch pots with a dozen flowers or buds, how they would sell. William Scott.

CARNATION NOTES—WEST.

Preparation for Easter.

Two weeks from next Sunday Easter will be with us and, as usual, you will want to cut about four times as many blooms during the week previous as you do during ordinary weeks. It is a much easier task to do so at this time of the year than it is at Christmas. Not only is it easier to get the blooms open on account of the increased sunlight and the natural strong, quick growth the plants always make about this time, but it is not so dangerous to the health of your plants. Raising the temperature at this time of the year is not so apt to injure your plants or make the stems weak, because the plants are more robust and growing stronger than in midwinter. Not only do they suffer less, but they will recover quicker. That is, of course, providing you do not overdo it. To raise the temperature 20 degrees and keep it up there for a week would go a long way toward ruining your plants for a good spring crop. You can get as many blooms to open by raising the temperature 10 degrees as you can by raising it 20 degrees, and it will not injure your plants.

If you have not commenced to feed regularly you must prepare to give your plants a little extra food during this period of forcing. The soil will be pretty well exhausted and unless you supply a little extra in the way of a liquid or a top dressing the blooms will come out small. A sprinkling of wood ashes would be an excellent thing, or a light dressing of sheep manure, about a good handful to every four plants. If you have neither of these, you can give a dose of liquid made of cow manure once each week.

Also see that there are no dry spots in the beds near the steam pipes or along the edges. That will tell on the quality as quickly as anything when the days are bright and warm. Another thing you should look for before beginning with this high temperature is red spider. After this long continued firing and infrequent syringing you will most likely find a spot here and there near the steam pipes where a few spiders kept themselves hidden all winter and are now multiplying rapidly, and unless you get rid of them at once you will find it a hard task to subjugate them when the days are bright and warm. This spell of raised temperature would give them such a start, too, that it would tax your efforts to the very utmost to head them off.

With saving up the blooms you should proceed much the same as you do at Christmas, only you cannot save them quite so long if the weather is warm. They come quicker and they go quicker. Whatever you do, don't hold back a lot of fine blooms which would bring a fair price until they become a lot of trash and will not only bring a trashy price themselves, but will injure the sale of your good, fresh blooms. In short, try to be fair to your plants and your customers. A. F. J. Baur.

Carnation Imperial.—Haines.

ROSES.

Composting the Soil.

As soon as the frost is out of the ground the selection, collection and composting of soil for planting purposes should begin. This work, when left till near planting time, does not give the compost time to get thoroughly incorporated and put into the condition that the young stock requires to draw its food supply from, and consequently if too fresh the young plants have to remain in a starved condition while the food is being prepared by the process of decomposition.

The quality of soil being of paramount importance, its selection should be accompanied by careful, intelligent study and a thorough knowledge of the requirements of the different varieties to be grown. A stiff, fibrous loam is the most suitable for most of the varieties at present cultivated under glass, and this should, if possible, be taken from old pasture land which has a good, grassy sod. The top spit, six or seven inches deep, is the richest part and contains the most fiber. It is therefore the best and, when this can be obtained in quantity, it is preferable to going deeper.

This should be put into a neat pile on ground a little above the surrounding level and well decomposed cow manure added in the proportion of four of soil to one of manure for such varieties as Bride, Bridesmaid and Ivory. For Beauties and Meteors it can be made even a little richer. This should be allowed to lie for at least three weeks before being chopped up. After being chopped it should be allowed to lie for about ten days and then turned over. The turning over should be done, if possible, during bright sunny weather.

Turning the pile over two or three times will prevent weeds from growing and put the compost into that hearty and mellow condition so dear to the grower's heart. The young plants will then immediately go to work when benched.

Soil collected during the spring and handled thus is preferable to that collected during fall, as it does not sour so quickly and is not so liable to produce that objectionable crop of green scum on the surface. Ribes.

Carnation John E. Haines.

Carnation Star of Bethlehem

Two Seedlings Raised by John E. Haines, of Bethlehem, Pa.

THE MAUFF FERN.

The illustration on page 811 shows the new form of nephrolepis originating with A. E. Mauff, Denver, Colo. This, like other forms now before the trade, is a sport from Bostoniensis. It was shown at the S. A. F. convention at Milwaukee last August and was highly commended by the judges of the plant display, who were A. Ferguson, Detroit; Henry Young, St. Louis; W. L. Palinsky, Chicago; Harry Papworth, New Orleans, and Otto Spiedel, Oconomowoc. The plant shown is in a 6-inch pot and shows the character of the variety. When grown with plenty of room each frond has a graceful curve and twist, while the pinnæ are fluted on each edge. The fronds are as soft in texture as in the Boston but are twice as broad as in that variety. Mr. Mauff has worked up a stock of several thousand plants, but has not yet named his variety.

WORLD'S FAIR LANDSCAPING.

[Read before the St. Louis Florists' Club, March 3, by J. H. Hadkinson, Superintendent of Floriculture, Louisiana Purchase Exposition.]

Landscape gardening, what is it? I will try to answer this question. To some it implies a mansion or palace on a corner lot, or surrounded with a few feet of lawn, probably a terrace with a line of balloon-trimmed trees along the curb and another band of grass. To others it means a stretch of lawn with geometrical curves, angles, beds, etc., with statuary, fountains and trimmed trees as adjuncts, and to another class it is nature as near as can be, with a little of the art of man added, which very seldom improves it. This latter shows the hand of civilization in its progress, if so we may call it. How often in this style of gardening do we find trees and shrubs planted as if the planter was afraid of his first attempt and tried to hide by planting others in close proximity. Why not show the characteristic growth of the plants or shrubs? Is it because the planter is supplying the stock and needs to place a large bill before his client? Better plant to give a future effect.

There are other questions I might ask. Does a person plan a large dwelling or building without consulting an architect of repute? Why does this stop here? Is it because the owner can get his work done by men whose interests are of a financial nature and end here, never taking into consideration the future growth of these trees and shrubs? Why not employ a person whose previous training has been in this line and who can bring out, by planting, the prominent architectural features of the building and also block out by planting all unsightly objects in the distance and even close by, giving the desired effects and taking in by vistas, etc., the surrounding beauty spots? Why are homes crowded close together on small lots? Is it because this country is small? No, I say, but why is it? If I could allot this, I would give every person at least half an acre, so their families might enjoy freedom and fresh air.

However, I am leaving the part I wished to speak of off, naturalistic gardening. I can cheerfully quote the saying of Richard Rothe, "that the ultimate American will become heir to all the good qualities of his ancestors," therefore, as the boundless natural resources of our country continue to guarantee prosperity there is hope that the present century will yet witness the dawn of a new era of triumph for American science and art. As for the art of ornamental gardening, let us rejoice in our progress, but let us also realize that much more is to be learned in the naturalistic than in the formal line of work.

I cannot close my paper without a few remarks on the progress of the landscape gardening at the World's Fair, St. Louis, where many styles of this work will be found. The English, French, German, Japanese and even the department of landscape gardening and the department of horticultural, have their different styles, where visitors may choose or criticize as they deem best.

The landscape department has achieved quite a success in the work around the cascades, which ought not to pass without a word of recognition. The sunken gardens between the Mines and Metallurgy and Liberal Art buildings, also the gardens between Transportation and Machinery, come in for a share of praise. The sites of the Agriculture and Horticulture buildings are surrounded by a tract of land given up to the department of horticulture to plant with exhibits of shrubs, trees, plants and grass seed, and which was plotted by this department and is now mostly planted, except the exhibits, which are to come in seasonable weather a little later. The whole tract comprises seventy-three acres, the buildings covering twenty-six acres, leaving forty-seven acres to be divided among exhibitors and their exhibits placed in as pleasing a manner as possible to give a good appearance when finished.

During the latter part of April, 1903, work was commenced by this department on this tract, which was then clay hills and banks, to subdue it and get it in proper shape for planting exhibits. This was up-hill work, as engineers, contractors, graders and others were working and endeavoring to get ahead with their work and ahead of each other, so each could make a showing, and the results of this at the present time is that everything is in fine condition for the finishing touches in the spring.

Twenty thousand roses were planted by this department, which made as fine growth as six feet. Paul Neyron planted May 13 made four feet three inches. Shrubbery was planted as late as June 12 and all has made a remarkable growth. The first bed of roses, a circle of fifty feet diameter, was planted when steam graders were working all around, and the next bed was planted a quarter of a mile away. By this you will understand what difficulties had to be bridged over when

commencing. At the present time every inch of the ground has been covered with from three to sixteen inches of good black loam, as necessity required, and lawns of mossy grass have appeared in places which were clay mounds.

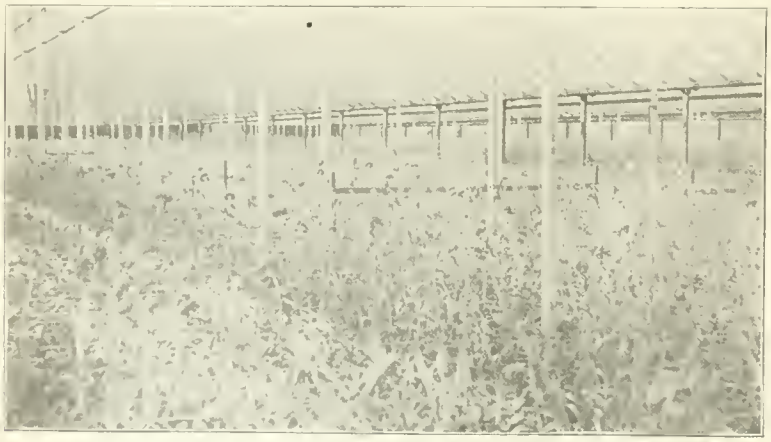
East of the Agriculture building is located the rose exhibits in this section, six acres in extent, being contributed by many nurserymen. Adjoining this is a section given up to conifer exhibits. Directly north of the north main entrance to this building is located the floral clock, which has a dial of 100 feet in diameter. This dial will be planted with flowering and foliage plants. The minute hand is fifty feet long, and last, but not least, will keep time, the minute hand moving six feet every minute. The mechanical working of this clock will be revealed by doors in the tower opening at each hour. It will also strike, marking the hours and half-hours. Electricity will make it possible to see the time by this floral feature after darkness sets, for 2,000 lights are dispersed over the dial.

On the west side of the Agriculture building, north of the center, will be massive beds of cannas, gladioli, caladiums and dahlias, in extent from 400 feet to one-half acre. South of the center on the west side of the Agriculture building, on a two-acre tract, will be located the wild flower section, these flowers varying from nymphæas to opuntias. Fall flowering perennials will be prominent in this planting, also the beautiful autumn foliage.

Returning to rose gardens, we will journey south adjacent to this section. On the south are collections of shrubbery and specimen lawn trees. Farther south, northeast of the conservatory and southeast of the Agriculture building, the aquatic sections are located, the larger being one acre in size and 800 water plants will be used, mostly nymphæas. The space between the Agriculture and Horticulture buildings will be given over to formal treatment. Flower beds will embellish this portion of Agriculture hill. On the terrace north of the Horticulture building will be placed the foreign exhibits. A terrace 500 feet long, with promenade along entire length, will be treated formally.

THE GULLETT ESTABLISHMENT.

We present this week two views of the greenhouses of W. H. Gullett & Sons, rose and carnation growers, of Lincoln, Ill. One illustration shows a partial exterior view; the other shows two new iron gutter carnation houses, the one nearest the camera being the Lawson house in full crop. Gullett & Sons' place consists of twenty-two houses and about 80,000 square feet of glass, mostly devoted to the production of cut flowers, which are shipped principally to the St. Louis market. The firm has some very fine fancy carnations, Adonis, Prosperity and Enchantress, as well as most of the good standard sorts, and grows some fine Brides, Maids, Meteors, Perles, Ivory and Golden Gates; also two houses of American Beauties.



Carnation Range of W. H. Gullett & Sons, Lincoln, Ill.

THE GLADIOLUS.

The following is an extract from a paper recently read before the New Jersey State Horticultural Society by Arthur Cowee, Berlin, N. Y.

While I do not claim to be an authority on the gladiolus, I do lay claim to being the most enthusiastic grower in the country, and I think justly so, too, for annually I have this confirmed by amateurs, seedsmen and professional growers who visit my fields, leaving them reluctantly and always with the remark that they have never seen better quality and in such quantity.

Being an enthusiast and having experimented with almost every known type of this flower, with varied results, naturally I have found some strains so much superior to others that I am constrained to more especially refer to them. It is an acknowledged fact among all growers of summer flowering plants, shrubs and bulbs, be they professional or amateur, that there is no flower grown which requires so little attention and care, and so limited a capital commensurate with the results, as the gladiolus. Although it is a flower which is especially adapted for indoor blooming after the buds are well developed in the garden, still a most magnificent display can be secured by planting en masse or by the use of this flower as a background for continuous blooming dwarf annuals. With a succession of from two to three plantings about two weeks apart, there would be no lack of bloom during the entire season in our northern climate, and with more plantings, our flower loving friends in the south and warmer climates could prolong the blooming season.

When but a boy on the farm I became especially interested in the gladiolus, noting the many attributes which combined to make it one of the most popular and valuable of flowers. Little did I think, however, at that time that there were such possibilities in the development of the size and beauty of the flower, strength of spike, vigor and vitality of corm as has been accomplished. From the common red varieties, with a few inferior light and mixed colors of a few years ago, have been realized by the hands of the skillful scientific hybridists, thousands of the largest and most gorgeous colored flowers, and in some strains the small flower of a few years ago is now the exception.

With the idea of securing the highest quality possible, naturally, without the knowledge since obtained, I turned to the high-priced European and American novelties as a basis for a large collection. Many of the former, however, for the first one or two seasons, would produce magnificent results, but afterward, owing to some unfavorable climatic conditions, or to supposed improper breeding, such varieties would show deterioration not only in the size of flower, but in the size and strength of corm as well. I have spent in one season as much as $1,000 upon one variety, paying for the same in the neighborhood of 50 cents each for the corms, to find three years after but thirty bulbs left. A most magnificent flower and well arranged upon the spike, but not of sufficient vitality to prosper even under the favorable conditions which my fields afforded. This same variety, protected and coddled like a sick child, has been retained by a few growers.

Then, too, the multiplying qualities of most of the novelties of both foreign and domestic origin have been so meager that it would take many years to increase them sufficiently so as to place them within the reach of other than the wealthy. Whereas, with the new hybrids, the reproductive qualities have been strengthened so that not only quality but quantity is as readily secured, thereby placing them within reach of the masses.

I remember very well my first experience with that old red variety, Brenchleyensis, which is generally considered to be a very rapid multiplier, but which, compared with some hybrids with which I am most familiar, is very slow indeed. It is unusual to find more than 100 cormels attached to this old variety, while upon the new hybrids it is quite the rule to find hundreds, and these, too, from bulblet planting.

It is not to be wondered at, therefore, that many growers of this queen of flowers have become discouraged and disgusted with its cultivation, after having secured at high prices varieties bearing the name of some distinguished person or place, and at the same time a most enticing description, to find that these lauded varieties are chance hybrids, the work of bees, butterflies, etc, and not the result of the work of the careful hybridist, with whose extended experience and knowledge of the proper selections of parent plants, these same hybrids or their counterparts could be secured, and of such vitality and vigor that the liability of deterioration would be remote, compared with the chance hybrids which in most strains are the rule rather than the exception. In making the above statement I do not wish to be understood as taking the position that all named va-

Pierre, S. D.—The American Mushroom and Greenhouse Co. has been licensed to incorporate with $300,000 capital stock.

A Partial View of the Establishment of W. H. Gullett & Sons, Lincoln, Ill.

rieties are chance hybrids, for there are many which have been secured by careful work and are a credit to the hybridizer. Nor do I say that there are not some fine creations secured, the result of pollen-carrying insects. The percentage of worthy varieties thus produced, however, is very small, and the parentage of even these too questionable to rely upon.

The fundamental points of excellence to which the hybridizer directs his attention are beauty, quality, purity of color and a constitution able to produce healthy and vigorous growth under climatic changes, consequently in working up to his ideal, many fine specimens have to be discarded, which, under most favorable conditions, might be retained. These points of excellence, of course, are not considered by the honey searchers, and there are few hybridizers whose standard of quality is so high but that they retain many varieties lacking some of these attributes.

My principal object in making these statements is to impress upon you that it is not always the highest priced bulb which gives the best results, for from a system which is quite contrary to the general rule which has been followed by gladiolus hybridizers, there have been obtained strains the quality of which far supersedes many of the high-priced named novelties, which strains, by reason of their prolific multiplication the grower has been able to place upon the market at exceedingly low prices. These strains can be multiplied by the purchaser with little fear of deterioration.

But a few years ago, and even today among many flower enthusiasts, the blue gladiolus is unknown, while there are to be had many shades of this color, embracing also delicate hues of lilac, heliotrope and clematis, enhanced and relieved by wonderful stains and blotches. The foundation of this strain is the species Papilio, and although the flowers are small, compared with most commercial strains, yet, through crossing, larger and more magnificent flowers are being secured yearly, which is sure to make this strain most popular.

ANTHURIUMS.

This genus of warm greenhouse or stove aroids are mostly natives of the West Indies and tropical America and form one of the most handsome and attractive groups, both as regards flower and beauty of foliage. The intensity of color and brilliancy of some of the flowers, such as A. Scherzerianum Veitchii, is unique and startling, and has been named the flamingo plant, from the fancied resemblance which the flower and stem bears to the head and neck of that bird. This variety must not be confounded with A. Veitchii, a white variety introduced in 1877 and grown more for the beauty of its foliage than for its flower, which is inconspicuous.

A. Scherzerianum is also a very handsome and striking variety, with intense scarlet spaths three inches long and two inches broad, and has an orange colored spadix, compact habit; height, one foot. A. Scherzerianum maximum is a very fine variety with brilliant scarlet spathes, which measure nine inches in length by four inches in breadth. A. splendidum, which is grown for the beauty of its foliage, is quite distinct from any others of the genus. It is a noble looking plant and would grace any collection.

There are many hybrid or garden varieties which are beautiful in foliage and flower and are quite as easily grown as the species. They all require a warm, moist temperature, and until the plants are well established a good deal of intelligent care, which is amply repaid by the beauty and lasting qualities of the blooms and by the gorgeous tropical appearance the wealth of foliage gives to a house. As a parlor or window plant during the summer they are unsurpassed. The method of culture which seems to suit nearly all the species and varieties, whether grown for beauty of bloom or foliage, is nearly as follows:

The true condition of atmospheric moisture seems to be essential for this class of plants, and any one who wishes to be successful in the culture of these aroids will have to study the climatic conditions which they enjoy in their native habitat. The soil or compost in which they thrive best is composed of two parts fibrous peat broken into pieces of about half an inch square, one part fibrous loam of the same dimensions, and one part sphagnum. To this should be added some broken potsherds, some charcoal and some silver sand. The pots must be perfectly drained, so that all surplus water may escape freely. The roots must be carefully spread out and the compost worked in between, keeping the crown of the plant a couple of inches above the rim of the pot, the compost to form a sort of a mound leading up to the crown.

They must be syringed frequently and the atmosphere of the house kept moist. They succeed well in a temperature of 65 or 70 degrees and after the season of growth is past a partial rest at 60 degrees for two months will do them good. Some of the less tender varieties even succeed in maturing their growth and flowering at this temperature. After being potted they should have a light shade until growth is commenced.

Propagation can be effected by seeds, but the process is so slow that it is not very interesting, requiring about a year from the time of fertilizing until the seed is ripe and another year before the plants are fit for anything. The usual method employed is to divide the crowns during January and treating them much in the same manner as the old plants.

As they are moisture loving plants, they must have copious supplies of water at all times, and particularly during the growing period, which is during spring and early summer. RIBES.

A CENTURY OLD.

The Royal Horticultural Society of Great Britain was organized March 7, 1804, and the Gardeners' Chronicle commemorates the centenary by a special issue containing a story of the long and honorable career of the society and sketches of the founders, all fully illustrated. As the historian concludes, "in spite of all its vicissitudes the record of a hundred years is decidedly inspiring. The second century opens well and hopefully. The future of the society, in so far as the advancement of horticulture is concerned, will depend upon the practical recognition of the fact that no real progress is possible without the extension of scientific knowledge and its application to practice."

TRICYRTIS HIRTA.

Herbert W. Greensmith, who has charge of Dreer's hardy garden at Riverton, N. J., writes as follows to our English contemporary, the Gardeners' Chronicle:

The recent notes on Tricyrtis hirta were very interesting to me, as this beautiful plant does well here without very much trouble. All it asks of us is to give it a semi-shaded place to protect it from the burning rays of our summer sun. If planted out in the open the fierce light first burns the ends of the leaves and ultimately the stem, till by the end of August the whole plant is almost ruined. It will, however, even then send up shoots from the base, and attempt to flower; and should we have a prolonged fall, it will do so bravely. But planted where the sun will not strike it till towards evening the result is very gratifying. If not disturbed for two or three years it then grows four to five feet high, and produces from thirty to forty of its quaint but prettily spotted flowers on each stem from the summit and axils of the leaves, during the latter part of September and October, for four weeks, or even longer, if there is cool, clear weather; I have known them to last into November.

It is not at all fastidious with us as to soil, growing equally well in sandy and moderately heavy but well-drained soils. I have never had occasion to use any peat, and the plant has been left unprotected during the winter months when our thermometer has shown a temperature of 3 degrees below zero, but has received no injury. I have found it to give most satisfaction when closely divided each year to single crowns or from autumn-struck cuttings, which give the same results. These I plant as early in the season as is possible about six inches apart each way in a solid bed; they then grow about a foot high, and for four weeks or more in the fall are a beautiful sight, being one complete mass of prettily spotted white-and-purple flowers. I have had as many as twenty-three fully developed flowers on a single stem at one time from plants thus grown. Another advantage in keeping them dwarf in this way is that they can, if necessary, be easily protected from early frosts, and thus massed in a solid bed are much more effective than a few isolated plants would be. Cuttings of the growing tips taken in the fall root very readily if inserted in sand and placed in a cold frame in a box or pan. Propagated in this manner, I never care to risk them during the first winter without protection. The tops will die down at the approach of severe frosts to the newly-made callus, from which springs an eye for next summer's growth.

We have also a variegated variety imported as Tricyrtis macropoda variegata. The flowers are not very conspicuous; perhaps this is on account of its not being so happy as the one previously mentioned. This variety flowered in May, and produced large inflated pods, and afterwards purplish-black fruits. Towards autumn the foliage is prettily striped with white, so I should judge, from the Dictionary of Gardening (Nicholson's), it is T. macropoda striata.

Carnation The Belle.

NEW YORK.

The Market.

The market has not yet improved greatly. The cloudy weather has had its influence on the quality of shipments and stock is not up to the mark. Quoted values cannot be considered arbitrary. Often it is "take what you can get." The supply is far in excess of the regular demand and nothing is happening now to create an unnatural call.

Notwithstanding a generally expressed fear that there will not be enough lilies for Easter to go around, the cut flowers are selling at from 8 cents down. Advance orders for pot lilies are being booked generally at 12 cents. Inferior stock may go at 10 cents then, but 12 cents may be safely banked upon as bottom for first quality.

A few bright days last week relieved the violet congestion and many thousands were cleared at $1 per 1,000. There have been very few harvest days for the street merchants during the severe winter. Now their day has come. Its a good thing for the cut flower market. These gentry whom we all decried as a menace in the old days, we now realize to be a great help under certain circumstances.

Southern narcissi are coming in thick and fast, lowering prices still further. The bulb growers have just cause to feel disheartened. Tulips are simply of no account, except a few fancy doubles. Sweet peas are here in floods. Carnations are abundant and prices sagging. The very best of these and roses always find a market, but even the select never go above the price quotations. An examination, however, of last year's prices at this date is interesting. Quotations last March 25, were Beauties specials, $15 to $25; Brides and Maids, $6 to $10; carnations, 50 cents to $8; lilies, $8 to $10; violets, 20 to 40 cents; smilax, $10 to $15 and valley, $1 to $2. The general average is about the same as now.

Rose Night at the Club.

The New York Florists' Club's regular meeting took place on Monday evening, it being rose night. The attendance was about 100 and many were doubtless kept away by the severe storm. The resolutions on the death of Ernst Asmus were read and embodied a touching and beautiful tribute to his memory. Mr. Sheridan, of the dinner committee, made a very satisfactory report. Mr. Nugent, of the entertainment committee, received evidence of the club's appreciation in a special appropriation of funds. The outing committee reported complete arrange-

ments for the summer festival. E. A. Asmus, of West Hoboken, and Henry May, of Chatham, were proposed for membership and Jos. Hayden, of Floral Park, was elected a member.

The exhibits of roses included vases of Golden Gates, by Robert Simpson; Chatenay, by Peter Reinberg, of Chicago; La Detroit, by E. G. Asmus' Son; Uncle John, by Peter Reinberg; Liberty, Brides and Maids by John H. Taylor, of Bayside; Maids, by Frank L. Moore, of Chatham; Brides and Maids, by Henry Hentz, Jr., and Gen. MacArthur, by John N. May and A. Farenwald. A vase of the white Lawson, grown by Chas. H. Allen and exhibited by the F. R. Pierson Co., and a vase of red seedling carnations, by J. M. Cooper, of West Grove, Pa., completed the exhibits, which were all of the very highest quality.

Robert Simpson's paper was entitled "The Rose Grower and his Problems," and was listened to with intense interest. It proved to be most fearless, instructive and original. It condenses the problems of twenty years' experience. He advised the production of high grade stock, even if efforts were confined to the growing of but one variety, so that this may be grown first class and so establish a reputation for doing things well. He spoke of the reluctance of buyers to take up a new variety and considered this an injury to the business, advising a greater variety for the flower loving public. He suggests the resumption of some of the old favorites, mentioning especially Hoste, Watteville, Papa Gontier and Bon Silene.

A. Farenwald gave an interesting impromptu address, referring particularly to Liberty and La Detroit, to his system of disbudding and destroying inferior flowers to the end that perfection might be attained, declaring that only by keeping the standard of roses high could the place at the head of the procession be maintained. The danger of the carnation taking the lead was descanted on and a hearty invitation to all present was given to attend the meeting next week of the Rose Society at Philadelphia.

Antoine Wintzer, of West Grove, Pa., gave a practical and interesting talk on the history of the rose and especially of Golden Gate, one of seven sent to the Dingee & Conard Co., in 1885, by Robert Little, of New Orleans. He gave a history of the rose since 1870, and its progress, speaking especially of the Duchess of Edinburgh, Papa Gontier, Perle des Jardins and American Beauty, of the difficulty of estimating the value of a novelty and the wisdom of an experimental station for the careful trial of all new roses before their dissemination. He especially commended the Crimson and Philadelphia Ramblers and Dorothy Perkins for outdoor culture and for Easter forcing.

After Mr. Heller, of New Castle, Ind., was introduced, Mr. O'Mara gave one of his practical and witty talks. The entertainment committee did itself proud by a liberal supply of the best the market affords in the line of refreshments. The club's exhibition nights are a feature that merit perpetuation.

Various Items.

The California violets in pots find a ready sale at Jno. Perkins' wholesale establishment. The plants are two feet in height and "profusely illustrated."

Carnation Lady Bountiful.

Friends of Wm. Tricker, the veteran water lily specialist, will be pleased to know of his engagement with the Percival Roberts' estate, at Narberth, Pa.

Robert Bottomley, dear to Asheville conventionists, has located at Bernardsville, N. J., with Senator Dryden.

Anton Schultheis, of College Point, has again been appointed school commissioner. Evidently he made a good record and they had to have him for a second term.

J. F. McConnell, of New Rochelle, manager for L. M. & L. A. Noe, met with a nerve racking experience last Friday night, which included an interview with a burglar and the loss of about $200. A $300 diamond brooch was dropped in the gentleman's haste to close the session and the silver was overlooked. The entry was made from the upper window while the family were dining, and Mr. McConnell could not induce the visitor to "stay and have something."

Lewis A. Muller, of the Noe force, has been in line with the rest of the boys; home a week with the grippe.

The New York Cut Flower Co. holds its regular meeting this week.

Charles Millang, whose conservatories have become such an extensive adjunct to his business, employing four men constantly, started this line of wholesaling in a small way some eight years ago. Mr. Millang has added to his office force and has secured the whole floor above his wholesale cut flower department for a special Easter display.

Eugene Dailledouze has only good things to say of the Detroit convention. He brought back, among other things, a touch of lumbago.

John Scott has three houses filled with the Scottii fern in all stages of development, from myriads of runners to 14-inch tubs and specimens that for perfection of shape and complete retention of variety and strength of foliage cannot be excelled by any fern in cultivation. It is such a prolific reproducer that orders which were not promised to be filled before June 1, will go out early in May. Three years ago last October there was but one plant of it, with four fronds; now there are three houses 150 feet long crowded with it and after Easter the entire Flatbush plant will be utilized for it and Scottii will reign supreme. I saw a single order on Mr. Scott's books for $1,000 worth of large plants from a Fifth avenue florist for fall delivery. Mr. Scott has about 8,000 pots of as fine lilies as I have seen this season, carrying from five to fifteen flowers.

There have been several cases of primrose poisoning lately. Mrs. Warendorff, the florist and mother of florists, has been the principal sufferer.

Charles Weathered has been confined to his home for some weeks with a severe attack of rheumatic gout, but is convalescent and was able to attend the club meeting a short time on Monday evening.

The New York Market Florists' Association met on Tuesday evening for consultation about the use of a large tent for market purposes during the spring and summer season, the intention being to cover the entire block at the old stand.

The shamrock will be greatly in evidence on Thursday. The morning papers report an "unprecedented consignment of them from the auld sod." There is an annually increasing sale for the plants in the city stores.

Wm. C. Krick, of Brooklyn, removed May 1 to his new establishment, 1164 Green avenue, giving up his retail business. In the wholesale factory he will have new and modern machinery for the

manufacture of his letters and novelties.

The Tree Planting Association is agitating the idea of extensive tree planting in the streets of New York from a health standpoint.

Madison seems quite like old times again, with Arthur Herrington home from his English voyage and William Duckham recovered from his long and severe illness.

John J. Raynor's lieutenant, Mr. Smith, has added to the prospective wholesalers of Twenty-eighth street. The boy and mother are doing well, and Mr. Smith can now attend to his bowling duties with renewed courage.

The Easter show and sale at the Herald Square exhibition hall has been abandoned. The growers did not take to the idea.

S. R. Wiley has opened an attractive store at 952 Madison avenue, an excellent location.

Bowling.

The Bowling Club will have another prize night contest March 28. Every member of the trade is invited to come and bring a prize to the value of $1 or over. High man gets first choice of the packages. Following are the scores made last Monday:

Lang	132	172	182	...	...
Burns	148	127	186	186	...
Gibbs	141	153	150	124	...
Nugent	93	88	99	85	96
Bennett	126	133	153	120	124
Mansfield	160	170	138	141	140
Haffner	166	173	145	161	138
Siebrecht	170	162	148	164	187
Butterfield	130	158	116	205	123
Shaw	116	124	146	131	132

J. Austin Shaw.

BOSTON.

The Market.

Business in cut flowers continues extremely dull. Flowers are coming forward in increasing quantities, with a very light demand. There is little prospect of any betterment before Easter and the present season promises to be far from a lucrative one for members of the craft. The weather continues very cold, in marked contrast to a year ago, and plenty of snow and ice still remain. Fuel bills will cut a big hole in profits and the winter of 1903 and 1904, with its severe cold and seventy-three days' continuous sleighing, will not readily be forgotten.

Roses are coming in of better quality, particularly in the case of Beauties, $40 per 100 being top price for them. Brides and Bridesmaids are $6 to $10 for the best. Meteors are cheap, nothing bringing over $4, while Liberty has varied from $2 to $10 according to quality. A few Golden Gate, Morgan, Mrs. Oliver Ames, Perle and some nice hybrids are seen, the latter principally Jacqueminot, Magna Charta, Brunner and Mme. Gabriel Luizet.

Carnations of ordinary grades are worth about $10 per 1,000. Fine Lawsons are sold for $2 per 100. Fair Maid and Enchantress bring $3, although some have been sold lower. Very few bring over $3. Large quantities are being handled by the street fakirs, who also have a full line of roses, violets and bulbous stock.

Double violets seldom reach over 50 cents per 100 and $1 secures 300 of the finest Princess of Wales. These are placed on the market in very large quantities now. Bulbous stock continues decidedly "druggy." Pansies, daisies, myosotis, wall flowers and other flowers suggestive of spring are becoming more in evidence.

Opinions vary as to the supply of lilies for Easter, but there will probably be an ample supply for the demand. Prices are still problematical. Disease appears to be very rife still, especially in the Bermuda stock. Some years ago L. candidum was quite considerably grown for the Boston market, but owing to disease was dropped and is now rarely seen. During the past few years some of the private gardeners have taken this in hand and with north of France bulbs have no disease whatever and the spikes carry from eight to fifteen flowers. It would pay some of our enterprising florists to grow batches of this finest of all white lilies for another season.

The Kramer Trophy.

Various Notes.

At Horticultural Hall on March 12, Arthur Cowee, of Berlin, N. Y., spoke on the gladiolus, devoting considerable attention to Meadowvale Farm, where seventy acres of gladioli are grown, 10,000 bushels of bulbs dug and over 100 hands employed. Mr. Cowee declined to state what fertilizers he used in his field to produce good bulbs, but said a mixture of three parts bone and one part ashes was good. There will be no lecture at Horticultural Hall on March 19 and 26, the hall being let for an automobile show for the former date and the spring show occurring on the latter.

A delegation of twenty-five from the Boston Gardeners' and Florists' Club visited the Oakes Ames and F. L. Ames estates, at North Easton, on March 8. Further excursions on field days will be held during the season.

The annual grand spring exhibition of the Massachusetts Horticultural Society will open March 24, closing on the 27th. Everything points to the show being the best held for many years. Exhibitors from outside the state will be particularly numerous. Special features will be orchids, hard-wooded plants, bulbous stock, cyclamens, cinerarias, Rambler roses, etc. Many of the new carnations will be shown.

At the last meeting of the Boston Gardeners' and Florists' Club, on March 16, there was a large attendance. Several new members were elected. The lecture of the evening was by Irving T. Guild, on landscape gardening.

At Prof. C. S. Sargent's estate, in Brookline, Mass., there is at present a magnificent display of imantophyllums, big specimen plants in large pots and tubs carrying a dozen or more spikes each of their gorgeous, orange-colored flowers.

The death roll among shrubs promises to be an unusually lengthy one this season. Evergreens have suffered severely, many being killed outright. Deciduous shrubs are also badly killed, the much planted California privet again being cut to the ground.

Bostonians are sorry that the carnation convention is not coming to the Hub in 1905, but will welcome it in 1906.

W. N. Craig.

BALTIMORE.

Bowling Contest.

The Philadelphia and Washington bowling teams journeyed to Baltimore on Monday night to play in the three-cornered match for the silver cup offered as a prize by F. H. Kramer, of Washington. The boys from the capital put up a good game, but Philadelphia played better and Baltimore bowled best, so that the handsome trophy will stay with them.

After the contest the visitors were entertained by the Baltimore craftsmen. Elaborate preparations had been made for the event. At the conclusion of the repast E. A. Seidewitz took charge as toastmaster. The principal speaker was E. Morgan, president of the first branch of the city council. Responses were also made by Captain Ernest, of the Washington team; Captain Gibson, of Philadelphia; Captain Seybold, of Baltimore, and others. It was an occasion long to be remembered.

Following are the evening's scores:

Washington.	1st.	2d.	3d.	T'l.
Shaffer	128	171	134	433
Cooke	99	176	146	421
McLennon	220	129	165	523
Sherman	135	141	180	456
Ernest	141	163	115	419
Totals	732	780	740	2252
Philadelphia.	**1st.**	**2d.**	**3d.**	**T'l.**
Gibson	163	123	137	423
Dunlap	164	185	203	552
Starkey	140	182	164	486
Graham	161	139	146	446
Connors	190	194	198	582
Totals	818	823	848	2489
Baltimore.	**1st.**	**2d.**	**3d.**	**T'l.**
Richmond	168	122	168	458
Halliday	145	209	176	530
Roone	134	146	143	423
Kreh	224	201	180	605
Seybold	193	173	183	549
Totals	864	851	850	2565

CHICAGO.

The Market.

The ground hog certainly knew his business when he returned to his winter quarters after a look at the sun on the second day of February. We had our six weeks more of winter, and are on our seventh week. The government weather man says that real spring may be expected any minute, but the only way one would know that it is March instead of an average January is by consulting the calendar.

The continued cold weather is having the result of retarding production in the greenhouses and helping to tide us over the quiet season preceding Easter without a serious glut. There are, indeed, enough flowers, with the possible exception of Beauties, and prices have been weak, but the market has cleaned up on the staples pretty well right along. The process of accumulating a stock for Easter will from this on undoubtedly cause a steadily rising market. Shipping demand continues fairly brisk and steady, and local trade has improved in the last few days.

Qualities are good in almost all departments. Beauties are the scarcest item, although few Meteor roses are to be had; indeed, they are nowadays not often called for, the inquiry being almost always for Liberty, of which there are plenty if shorts are allowed to count. Long Liberties, like long Beauties, seem almost always short of the demand. Brides and Maids are equal to all requirements. Carnations are in good crop, but cleaning up fairly well. Prices have stiffened slightly in the last few days. Bulbous stock is selling slowly. Callas are still a glut and there are lots of Easter lilies, many of them of indifferent quality. The less said about violets, the better; it isn't a pleasant story. Smilax is scarce, but asparagus is in large supply.

Easter points to big business, as many inquiries for prices are coming in. In general it is thought last year's list will prevail, at least for advance quotations. There are sure to be quantities of lilies, but many of them will be poor; Harrisii show much disease. Roses will be in fair supply, but there is likely to be a shortage or select stock. Many growers report decreasing cuts of carnations, so that there is no likelihood of too many for Easter; in fact there seems to be no limit to the quantities of good stock this market can take at moderate figures. Pickled stock won't go at all. Don't pickle.

A good many lilies have been sold for local delivery on the plants. There will be large stocks of bulbous plants in pans and azaleas are plentiful and well flowered. There are a few hydrangeas and Ramblers and plenty of primulas, etc. There are not many growers of this class of stock and few novelties are offered.

Various Notes.

Speaking of general market conditions, E. E. Pieser says the season's results are about on a par with last year, except that fancy carnations have not brought to within twenty per cent as much as last season, and violets are off probably fifty per cent in total sales.

C. M. Dickinson, manager of E. H. Hunt's, has returned from a two weeks' trip to Los Angeles to look at the property there in which he is interested. He was well pleased with his trip. W. E. Lynch, of the same house, is also back from a trip to Hartford, Conn.

P. J. Foley is a director of the Allen Gold Mining Co., with mines in operation at Anaconda, Mont.

Paul Kreismann has sold the Morton Grove Greenhouses to N. C. Moore, of Batavia, Ill., who will take possession at the end of the season. It is one of the largest plants in this locality.

Last week's club meeting was held at Winterson's, twenty-six being present. P. J. Hauswirth and W. N. Rudd constitute a committee appointed to look after a hall suitable for both the exhibitions of the Carnation and Rose Societies next February. The club met last night to hear its report.

The George Wittbold Co. is putting up a number of Easter decorations in the State street stores.

Wietor Bros. are cutting large quantities of choice carnations; they had 18,000 last Friday.

E. F. Winterson spent last Sunday visiting growers at Milwaukee under the chaperonage of C. C. Pollworth. He says that all the stock there looks good but none of it better than the roses of his host.

E. H. Hunt, who bought out J. A. Lynn's birch bark ware business, has made up a large stock of this popular Easter specialty. The bark itself seems of particularly fine quality this season, and these goods, are now made up in many attractive shapes. They report a fine trade on it.

Poehlmann Bros. report that quite a number of their lilies, like those of other growers, will be too late for Easter, but that the stock is good. They are now getting 12 to 14 cents for fancy Golden Gate roses.

The Pictorial Printing Co., at Aurora, in which O. P. Bassett and C. L. Washburn are largely interested, had a narrow escape from fire last Sunday. The plant represents $160,000.

Weber Bros. are being congratulated on their success with lilies. They are all longiflorum and a very even lot.

George Reinberg's store has been rearranged and is in better shape than ever before. Their cut has been steadily increasing until they were badly handicapped for space.

Peter Reinberg has accepted the democratic nomination for alderman in the twenty-sixth ward, and will enter upon an active campaign. The ward is normally republican by 800 to 1,000, but Mr. Reinberg is expected to win. Certainly no better candidate could have been selected and every florist in the ward, of whom there are many, will get out and hustle for him. It will be a great advantage to the trade to have him in the council.

Visitors: S. S. Skidelsky, Philadelphia; E. S. Thompson, South Haven, Mich.; C. R. Hills, Grand Rapids, Mich.

A Bench of Brides at the Establishment of the Benthey-Coatsworth Co., New Castle, Ind.

PHILADELPHIA.

The Market.

A brisk snowstorm gave the city a wintry look at the beginning of the week, slightly retarding crops and adding to the coal consumption at a time when it was thought the worst was over. Roses are more plentiful and, as they appear in slighter demand, prices are easier. Other flowers are about as at last report. Great quantities of bulbous stock are bought at low figures. The event of the week is the shamrock pots and pans offered by W. K. Harris for St. Patrick's day. The department stores bought them in large quantities and the retail florists in smaller numbers, though in the aggregate they consumed a great many.

Easter Plants.

The outlook for Easter is that azaleas will be plentiful and of extra fine quality. Lilies will be offered in fair quantity, but it is probable that really fine stock will be in short supply, with prices ranging from 12 to 15 cents a flower. Several large lots have been sold as low as 8 cents, but it is doubtful whether the grower made a profit on these transactions. There will be many belated lilies, more it is feared than usual. Spiræas promise well. Hydrangeas of good quality will not be plentiful, except at one place. There is a fair supply of rhododendrons, genistas, Crimson Ramblers, white daisies and pot roses are numerous.

Bulbous stock will be plentiful. There is a noticeable increase in what might be called the centralization of Easter plant sales. Pennock, Niessen, Reid and the Flower Market are all offering choice plants, which should prove a great convenience to the buyers.

Various Items.

The American Rose Society will hold its annual meeting on Tuesday, Wednesday and Thursday of next week at Horticultural Hall, in connection with the State Society's spring show. It is hoped that Messrs. Anderson, Andre, Beavis, Burton, Campbell, Farenwald, Heacock, Knorr, Mortensen, Myers & Samtman, Palmer, Weiss and our other noted rose growers will uphold the local honor against all comers. The Florists' Club will give a banquet on Wednesday evening in honor of the Rose Society.

The department stores continue to do a surprising amount of decorating. The Wm. Graham Company embellished Blum Bros.' store last week, while Hugh Graham made fine displays at Gimbel's and Lit's, both of which were in evidence this week.

The Germantown Horticultural Society held its March meeting last Monday evening. There was a nice display of blooming plants in great variety. Albert Woltemate showed Spanish iris, quite an Easter rarity. W. P. Peacock, of Atco, N. J., the essayist of the evening, was unable to be present. His paper on dahlias arrived just at the nick of time by special delivery. It was a clever article, well read by the secretary and received a hearty vote of thanks from the society. A number of questions asked will be forwarded to the essayist.

The Pennsylvania Horticultural Society held a business meeting on Tuesday evening to arrange details for the show next week.

The note in this column referring to the J. Wolff Moore Co.'s dinner decorations, should have read J. Wolff Moore. The business is carried on individually and not by a company.

Paul Berkowitz, of H. Bayersdorfer & Co., returned on Monday from a very successful business trip.

Wm. J. Muth, of C. F. Edgar & Co., has just returned from a trip up the state. This firm is much encouraged by their March business.

Berger Bros. are receiving fine carnations from Davis Brothers, of Bloomsburg. Their scarlet variety, Crisis, is very effective.

B. Eschner, of M. Rice & Co., is back again from his second trip, with which he was much pleased.

Edward Reid has lighted his basement throughout with electricity. The new rose cellar shows to great advantage under the bright light.

Hugh Graham has a fine stock of azaleas in all sizes. Phil.

ST. LOUIS.

The Market.

Trade has been very quiet the past week in all lines except funeral work, which seems plentiful. There is nothing of special importance going on in the social section. Milder weather enlivens the outlook for spring trade. The plantsmen, landscape gardeners and nurserymen are preparing for a very busy season in their lines and many of them report plenty of orders ahead. During the past week a great influx of fakirs was noticed. They came from all parts of the country, no doubt drawn here by the near approach of the opening of the World's Fair. All the downtown corners are lined with them, selling violets and carnations. This is not much to the liking of the downtown storemen, who are up in arms. A committee called on the mayor to see what could be done in order to stop this great nuisance and he has promised to look into the matter at once.

The beautiful bright and balmy days we have been having of late will be very conducive in getting the blooming plants in fine shape for the Easter trade. This stock at the present time promises to be fine, especially that of Schray, Beyer, Fillmore and Windler in the south end and Young, Sanders, Felter and Jablonsky in the west end. These gentlemen have a reputation for having fine blooming plants for Easter trade.

In cut flowers, stock of all kind is very plentiful and prices on all grades are down. The market has never been better supplied as to quality and variety. We see today (Monday) a fine lot of Harrisii, tulips, Dutch hyacinths, lily of the valley, California violets, roses and carnations. All three wholesale houses are stocked up for all demands, at prices in reach of everybody. Shipping trade is good.

American Beauties with long stems are somewhat limited as yet, with the price ranging from $3 to $5 per dozen. For the others the price is according to the length of the stem. Brides and Maids are of fine quality, with the select in good demand at from $6 to $8 per 100. Other grades sell slowly at $2 to $3 per 100. The same may be said of Meteor, Liberty and Golden Gate. Perles are soft, with very little call. Carnations are increasing in quantity. Common sorts bring $1.50 to $2. First quality are $3 and fancies run $4 per 100. Quality is of the best, with fine long stems to suit any buyer. In bulb stock Harrisii have taken a drop to 15 cents, with the market fairly well supplied with good, clean stock. Callas are also plentiful and so are tulips, Romans, valley, freesias, daffodils and Paper Whites. These go at prices to suit the buyer of large lots. California violets and sweet peas are altogether too many for the demand and are sold very cheap in order to make room. Smilax is in big demand but very scarce, at prices ranging from 15 to 20 cents per string; $2.50 and $3 per 1,000 is asked for common ferns.

Various Notes.

The S. A. F. executive committee which met here a week ago selected Music Hall for the meeting place and the east nave for the trades' display. Both of these are in the Exposition Building at Thirteenth and Olive streets, which President Breitmeyer says is second to none for the purpose. During the meeting the local club recommended Charles A. Kuehn, whose portrait appeared in our last issue, as superintendent of the trades display. The gentleman was duly confirmed. Mr. Kuehn has already received a number of applications for space and it would be well for those who intend to make displays to communicate with him at once. His address is 1122 Pine street. Mr. Kuehn is at present hard at work making a plan of the floor space in the hall. This will be ready in about ten days and will be sent to exhibitors. Another good move of the executive board was the reappointment of Phil Hauswirth to supervise the bowling contest and Robert F. Tesson the shooting. A great many prizes for both of these contests have already been promised. With the assistance of Carl Beyer, the local chairman on sports, these contests will be in good hands.

The St. Clair Floral Co., of Belleville, Ill., through its president, Dr. A. S. Halstedt, send your correspondent a few blooms of a new red seedling carnation, a cross between Crane and Bon Homme Richard. It certainly looks good and has the habit of the latter in stem and calyx, which speaks well for it. Mr. Halstedt says he will exhibit a number of blooms at the next club meeting.

Charlie Kuehn and Otto Koenig visited Max Herzog last Sunday. They found Brother Max getting along nicely, but not yet able to leave the house.

Miss Tillie Meinhardt, who attended the carnation meeting at Detroit, in company with Mrs. M. S. Vesey, of Fort Wayne, Ind., and afterwards stopped a week with Mrs. Vesey, returned home much pleased with her trip.

The death of Walter Kreitling, at Chicago, was a great shock to his many friends in St. Louis, who are with me in extending to his family our heartfelt sympathy.

Reports from the family of Carew Sanders, who had a severe surgical operation performed two weeks ago, is on the road to recovery, to the gratification of his many friends in the trade.

Nic. Himmer, out at Meramee Highlands, is making preparations for building four new greenhouses this spring. Each will be 25x100. Nic is sending in a fine lot of violets, both single and double.

A new floral establishment is to be opened this week by J. W. Dunford, president of the St. Louis Carnation Co., of Clayton. The store will be located at Broadway and Franklin avenue, in Johnson's drug store. It will be in charge of Miss Jennie Repeto, who just left her cousin, Miss Badaracco, at 1308 Olive street.

John Steidle, of Clayton, left Sunday night in company with Fred C. Weber, for West Baden, Ind., to be gone about ten days.

Bowling.

Next Monday night the Florists' Club team, composed of C. A. Kuehn, A. Y. Ellison, Carl Beyer, Theo. Miller and J. J. Beneke, will bowl a match game with E. W. Guy's Belleville team, at Worden's alleys. The return match is booked for the Sunday after Easter at Belleville.

The Florists' Bowling Club's two teams rolled a match of five games on Monday night. Some extra fine work was done, as the following scores will show:

Team No. 1.	1st.	2d.	3d.	4th.	5th.	T'l.
J. J. Beneke	227	181	174	230	194	1006
Theo. Miller	184	170	172	146	131	803
Wm. Adels	166	147	149	142	129	733
F. M. Ellis	160	166	162	181	169	838
Totals	737	664	657	699	623	3380
Team No. 2.	1st.	2d.	3d.	4th.	5th.	T'l.
C. A. Kuehn	178	134	146	224	176	858
A. Y. Ellison	179	171	162	196	148	856
F. H. Meinhardt	170	123	166	157	156	772
O. R. Beneke	156	161	122	137	143	719
Totals	683	589	596	714	623	3205

J. J. B.

Arthur Cowee, of Berlin, N. Y., has a handsomely illustrated article on the gladiolus in the March issue of Country Life in America.

TORONTO.

The Market.

Trade this week has been considerably better than the previous week and stock has been cleaned up in a way that pleases both wholesaler and retailer. A noticeable feature has been the sudden shortage in bulb stock and the increase in the carnation supply. While the demand for bulb stock may have been greater, yet the supply was much smaller, so that many orders were refused. At present writing a severe blizzard is passing over this part of the country, which will again demoralize trade.

Carnation Show.

The annual carnation show held under the auspices of the Toronto Electoral District Society, Toronto Horticultural Society and Toronto Gardeners' and Florists' Association, took place on Friday at St. George's Hall and was without doubt the best exhibition of this kind ever held in Toronto. Much credit is due the exhibitors for both the quality and quantity of the stock they staged.

The chief prize was a challenge cup given by the Toronto Florists' and Gardeners' Association which was won by the Chicago Carnation Co., with their new Fiancee. John H. Dunlop, of this city, was second, with a magnificent vase of Lawson. Other vases for this cup that may be worth special mention were Enchantress, put up by the Thompson Co., Joliet, Ill.; Harlowarden, Alba and Enchantress, by the Chicago Carnation Co., and Enchantress put up by J. H. Dunlop.

For collection of carnations, J. H. Dunlop received first, with fifteen varieties of grand stock. The Chicago Carnation Co. exhibited seven varieties, 100 of each variety, which made a close second. For the best display in the hall, W. J. Lawrence received first, exhibiting some magnificent roses, a number of his Ivory having stems over five feet. Easter lilies, azaleas, lilacs and bulbous stock were also shown. W. Fendley, of Brampton, exhibited violets and received special mention in the judges' report.

The only certificate of merit given was for The Cardinal, exhibited by the Chicago Carnation Co. This company also exhibited Crusader, which is a fine color and good stem, but the flower appeared to be light, not having enough petals.

The other exhibitors were H. Weber & Sons, Oakland, Md.; Dorner & Sons Co., Lafayette, Ind.; F. R. Pierson, Tarrytown, N. Y.; W. J. Palmer, Buffalo, and John N. May. These exhibited new varieties of carnations, all of which are very promising.

The new roses exhibited were J. Breitmeyer's Sons' La Detroit, which is a new and pleasing shade of pink, with fine stem and foliage; Peter Reinberg's Chatenay, which is favorably commented upon, and Uncle John, similar to Golden Gate, only of a more decided pink; Storrs & Harrison's General McArthur, a rose of much promise.

Other exhibitors were the Dale Estate, Brampton, which put up a fine exhibit of roses and carnations; Wm. Fendley, of Brampton, who put up a fine show of carnations and violets; Manton Bros., who put up a fine collection of plants, including orchids; Jay & Son, who had a collection of plants and carnations.

Among the visitors from out-of-town were Jas. Hartshorne and J. D. Thompson, of Joliet, Ill.; E. Dale and Wm. Fendley, of Brampton; H. L. Janzen, of Berlin; H. Stansbury, Oakville; A. H. Ewing, Woodstock, and John Morgan, Hamilton.

A very interesting part of the show was the auction sale at the close, with Thos. Manton as auctioneer. The stock was in fine shape and realized good prices. Of course, this was only done with stock shipped a long distance, as there was duty and express against it.

D. J.

CINCINNATI.

The Carnation Show.

Our annual carnation show proved to be by far the finest we have ever held and it is an open question whether a finer lot of carnation blooms have ever been staged at any show anywhere in this country. In this statement I am backed up by a well-known carnation grower who has seen all the principal shows. There were so many blooms staged that the club rooms were scarcely large enough to hold all of the exhibits. The average quality of the blooms were way ahead of the ordinary, and one thing that is especially worthy of note is, that there was not a sleepy bloom to be seen anywhere. Nearly all of the late introductions were represented, besides a large number of older varieties, many of which did not suffer greatly in comparison.

So many were the varieties exhibited that it would be impossible to give even a brief description of them all; but among the exhibitors were W. K. Partridge, Richard Witterstaetter, the Thompson Co., H. Weber & Sons, Baur & Smith, F. Dorner & Sons Co., Chicago Carnation Co., Henry Schwarz, J. W. Rodgers, C. C. Murphy, the E. G. Hill Co., E. T. Grave and C. H. Kunzman. Prizes were awarded as follows:

Best vase fifty blooms, white, first to W. K. Partridge, with Alba; second, R. Witterstaetter, with Albatross; third, Chicago Carnation Co., with No. 500.

Best vase pink, first, R. Witterstaetter, with Enquirer; second, Baur & Smith, with Indianapolis; third, the E. G. Hill Co., with Lawson.

Best vase red, first, R. Witterstaetter, with Adonis; second, the E. G. Hill Co., also with Adonis; third, W. K. Partridge, with Chicago. In this class The Cardinal was entered by R. Witterstaetter, but was not considered by the judge, owing to its being a seedling. It was generally conceded that this variety was by far the best red in the show.

Best vase crimson, first, Chicago Carnation Co., with Harlowarden; second, W. K. Partridge, with the same variety.

Best rose variegated, first, W. K. Partridge, with Prosperity; second, J. W. Rodgers, with Bradt; third, The Thompson Co., with Patten.

Best vase variegated, first, W. K. Partridge, with Dorothy Whitney; second, R. Witterstaetter, with the same variety.

Best vase seedlings, first, R. Witterstaetter, with The Cardinal; second, R. Witterstaetter, with Albatross; third, C. C. Murphy, with a red seedling.

Best general display was awarded to R. Witterstaetter.

Baur & Smith's Indianapolis was awarded a certificate of merit.

W. K. Partridge made the largest exhibit, staging over thirty-five vases of blooms. It was a magnificent sight; besides being staged in first-class shape, the blooms averaged an exceedingly high grade.

R. Witterstaetter's exhibit consisted mostly of seedlings and there were many of them. A large vase containing almost fifty distinct varieties was the center of attraction. One of his seedlings, No. 1000 A, a light sparkling pink, darker than Enchantress, is one of the most beautifully colored carnations I have ever seen, and if it turns out as good as it looks it will be heard from next year.

Theo. Beck, of Hamilton, was the judge, and did his work in his usual thorough manner.

The Market.

Business is about the same as last reported, but there is not quite so much stock to be had and prices are stiffening up a bit. Bulbous stock is going somewhat better, especially Harrisii. Green goods are still scarce, especially smilax. The supply of ferns is short also, and the price is now $3.50 per thousand, the highest I have ever known them to be.

Notes.

J. O'Malley was on the sick list, but is about again.

Arthur George, son of Ben. George, has arrived from England and will study the greenhouse business under his father.

Visitors: Mr. Fulle, E. G. Hill and Vernon Grave, of Richmond, Ind.; Theo. Beck, Hamilton O., and Walter Mott, Jamestown, N. Y.

C. J. OHMER.

GRAND RAPIDS.

The weather conditions have been a potent factor up to date. Half the water service in town is frozen up, so great has been the cold. James Schols was one of the afflicted ones, he had to lay pipe a block on the surface of the ground to a water hydrant in order to get a supply. The writer was summoned home from the carnation convention to thaw out the water at the Lake plant. The plant was 3½ days without water; 1,400 feet of pipe was laid on the surface of the ground to get water until the regular supply was thawed out.

We have had a few sunny days that have helped to improve the quality of carnations and roses, which are flowering now a bit too freely for an extra large crop for Easter.

The lily crop is away behind but if there are a few more sunny days there will be at least some growers in with a heavy cut. The outlook for flowering plants for Easter is fair.

Mulick Bros. froze up during the extreme cold and have planted their houses to lettuce, radishes and cucumbers.

Eli Cross has eight violet houses thrown out and planted to lettuce and cucumbers; it is considered a paying crop, after the holidays are ever.

There will be considerable building this season, in spite of the hard winter and enormous coal bills. The intending builders placed an aggregate order for 1,200 boxes of glass which will later be considerably increased.

G. F. C.

YOUR paper gives more returns than any other.—A. SCHOEPEN, Marietta, O.

ROCHESTER, N. Y.

The Market.

The market for cut flowers remains about the same as at my last writing, with stock slightly on the increase, but not enough for the demand, as it is cleaned up every day. Prices for carnations are from $2 to $6 per 100, which sell at retail from 60 cents per dozen for dark colors, 75 cents for all light colors and $1 per dozen for Enchantress. Tulips, daffodils and hyacinths find a ready market this winter at from $2 to $4 per 100.

Various Notes.

The florists and gardeners of this city have organized a club and have elected active members to occupy the chairs. It is expected that we will have many interesting meetings during the year. Honorary members will also add to the success of the club. Another meeting will be held in a few days, which will bring more accomplished work in view.

Geo. F. Boucher, 191 E. Main street, has opened a flower store with James Vick, the seedsman, and reports a good trade.

Felix Albert, 70 East avenue, has opened a fine store decorated with palms and seasonable cut flowers, also novelties in baskets, jardinieres and ribbons.

With the Growers.

Recently I took a trip around to see how the greenhouses were coming out after the arctic weather we have had. I found them all in just as good shape as expected. First of all I called on Miss Crooke and found the foreman, H. Salmon, just as good natured as ever. He was busy with his man potting up bedding stuff and had his houses pretty well loaded, as he said he could not find enough room for all the plants and is anxious to have warmer weather so he can put some of them out in frames. He showed me his carnations, which looked fine, and reported good steady picking for the season. Miss Crooke has a splendid cemetery trade. She reports trade much heavier this season and intends to increase her plant.

I then called on H. Teute, formerly Teute & Dieudreff. He has one greenhouse 30x130 devoted to carnations, and one frame on the east side of his house for violets. Everything looked well. It is only his second season in business. He reports trade good. He will add another twenty-five boxes of glass to his place this spring.

I called on C. Suhr, where you will find Enchantress and Lawson in their glory. The house was covered with bud and bloom and was a sight worth going a long way to see. He said that is the way they have been right along.

I then called on Jas. Bishop, who has a fine house of sweet peas, but next season he will plant it to carnations, as he has great call for them. H. M.

Wausau, Wis.—C. Lund says that this has been the best season as far as sales are concerned but that it has been an expensive one on account of so much cold weather. He has burned close to 200 cords of slabs to March 1, when the supply ran out and he had to buy coal. Slabs cost $2.50 per cord and coal $5.50 per ton. He is in hopes coal will prove the cheaper at those prices.

Mascoutah, Ill.—George Nickel has decided to discontinue business and has sold his stock to Gus Nickel, already in the trade.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Six greenhouses containing about 12,000 square feet of glass, hot water heating, natural gas fuel, seven-room dwelling house, barn and other out-buildings; three acres land within city limits and plenty of water on place; greenhouses planted in lettuce; everything in running order; good home market; will give immediate possession if desired. For further information write Joseph Brumenschenkel, Mansfield, Ohio.

WANTED—Single florist for greenhouse work. Oak Park Ave. and Augusta St., Oak Park, Illinois.

WANTED—At once, a good all around man for greenhouse work; steady position, good wages; do not apply without first-class references as to character. Address James C. Murray, Florist, Peoria, Ill.

WANTED—Retail store manager; one who thoroughly understands the florists' business in all its details and is competent to take the business end of the management. Must have some capital, or else invest part of his salary in the business. A first-class chance for a pushing active young man. Address No. **84**, care Florists' Review, Chicago.

SITUATION WANTED—By a good all around florist and gardener, age 26; Swede; 11 years' experience in Europe and this country; would like to take charge of private place; first-class references; please state wages when writing. Address No. **83**, care Florists' Review, Chicago.

FOR SALE—New Glass, never been opened; 10 boxes A Double 16x24 at $3.80 per box; 50 boxes B Double 16x24 at $3.40; 40 boxes B Double 16x18 at $3.25 per box; 50 boxes A Double 16x18 at $3.40. Address Davis Bros., Morrison, Ill.

WANTED—Good all around florist who can grow a general line of cut flowers and pot plants; must be reliable and take full charge if necessary; German preferred; $25 per month, room and board to commence. Bentzen Floral Co., 4025 Marcus Ave., St. Louis, Mo.

FOR SALE—On the seashore, a fine retail business in a town of 3,000 inhabitants in winter and 18,000 in summer; only florists' business in the place; will sell whole or half interest to the right party; clear profit last year $800. Address No. **82**, care Florists' Review, Chicago.

WANTED—Young man with some knowledge of florists' business; one not afraid of work, steady job to the right man. Address Nantucket Flower Store, Nantucket, Mass.

WANTED—A willing and industrious all around man on a commercial place; not under 35 years; single or married; strictly temperate; best of references required. Geo. E. Feich, Ayer, Mass.

WANTED—Steady, industrious man, to grow carnations; place is of good size and well equipped with latest appliances. Address stating wages wanted, No. **79**, care Florists' Review, Chicago.

SITUATION WANTED—By expert grower of cut flowers and plants; life experience; married; 39 years old; best of references; good wages expected. Address No. **81**, care Florists' Review, Chicago.

FOR RENT—Greenhouses; over 20,000 sq feet of glass; excellent retail business; surplus easily disposed of wholesale; splendid chance for the right man; possesion July 1, 1904. Address No. **85**, care Florists' Review, Chicago.

SITUATION WANTED—By young man who has had 5 years' experience in general greenhouse work and landscape gardening; state wages. Address, Richard Arzt, 231 Thornton St., W. Manchester, N. H.

SITUATION WANTED—By a good gardener and florist; well up in roses, carnations, mums and bedding plants; good propagator, temperate and reliable; good on forcing fruits and vegetables in winter. Address J. Gardner, care Schlegel & Fottler, 22 So. Market St., Boston, Mass.

SITUATION WANTED—To take charge of retail place; good grower of A1 stock, carnations, roses and merchandise plants; 15 years' growing for retail trade; age 36, single; strictly temperate; Illinois preferred. Address No. **89**, care Florists' Review, Chicago.

WANTED—A carnation grower to manage three small houses; $30 per month and board. A snap for the right man. Address E. A. Farnham, Park Ridge, Ill.

WANTED—First class florist to raise principally roses and carnations. Address Columbus Railroad Company, Columbus, Ga.

WANTED—To Rent—Greenhouses suitable to grow good roses in; near Chicago. Address No. **86**, care Florists' Review, Chicago.

SITUATION WANTED—By good rose grower, to take full charge; around Chicago. Address No. **87**, care Florists' Review, Chicago.

WANTED—At once; managing foreman to take charge of 35,000 feet of glass, in cut flowers; one who can handle men to advantage and can produce the best results; must have best of references as to character and ability; state wages wanted and give references; also want first class assistant. Address C. R. Hills, Grand Rapids, Mich.

WANTED—By April 1st; a young, single man for general greenhouse work on a private place as assistant; one who is not afraid of work; $50 per month and room. Address C. G., Box 119, Lake Geneva, Wis.

WANTED—Advertiser can furnish the capital for practical florist, with a few hundred of his own to start Floral Corporation in California, or will furnish capital to party wishing to enlarge plant; state full particulars in either case; good salaried position to right man; photos desired; inquisitive parties please do not answer. Address No. **88**, care Florists' Review, Chicago.

WANTED—A young man to take care of 2 small conservatories and who understands cut flower work in all branches, pertaining to a first class flower store; state age, salary expected and give references. Apply Fred C. Weber, 4326 Olive St., St. Louis, Mo.

FOR SALE—At a bargain, lots, greenhouses and flowers at 1180 North Hamilton Ave., Chicago. Will sell all or a portion thereof. Address all inquiries to Leonard J. Stankowicz, Niles, Ill.

FOR RENT—5 large greenhouses steam heated, well stocked with blooming roses, together with 21 acres of land; good brick dwelling and barn; 7 miles from City Hall, Philadelphia. Apply, Edward Reid, 1526 Ranstead St., Philadelphia, Pa.

WANTED—Two young men as assistants in greenhouse work; wages $9.00 per week. Address with references and particulars, J. A. Peterson, McHenry Ave., Westwood, Cincinnati, Ohio.

WANTED—Young man for general greenhouse work. Address Gift Floral Co., Richmond, Indiana.

WANTED—A good steady and industrious man for rose and carnation grower on small place where good flowers are wanted; state wages expected. Address Box 116, Lake Forest, Ill.

SITUATION WANTED—Next April, by florist 29 years old; has 15 years' experience in Europe and in this country in all branches of floriculture; best of references. Address No. **76**, care Florists' Review, Chicago.

SITUATION WANTED—By expert designer, decorator, and cut flower worker, a courteous salesman of good character and address; long years of experience; best of references as to ability and qualifications; middle States preferred. Address No. **69**, care Florists' Review, Chicago.

WANTED—An A1 rose and carnation grower and propagator of hardy shrubs for catalogue business. Address No. **72**, care Florists' Review, Chicago.

FOR SALE—Not rent.—13,000 feet of glass; very fine property with dwelling; modern conveniences; for terms and particulars, address No. **74**, care Florists' Review, Chicago.

WANTED—Steady young man for general greenhouse work and truck gardening; references; wages $20 with board. Address C. W. Blatchley, Plantsville, Conn.

WANTED—A reliable retail florist to handle the cut of about 5,000 carnation plants. Correspond with J. A. Swartley & Sons, Sterling, Illinois.

WANTED—A good grower of roses and carnations and general stock, on a place of 18,000 square feet of glass; must be thoroughly reliable and strictly temperate; steady place for the right man; state wages expected with or without board. Address Arthur L. Raub & Co., Easton, Pennsylvania.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. **59**, care Florists' Review, Chicago.

SAMUEL S. PENNOCK,

Gardenias and Easter Lilies.

Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.

Mention the Review when you write.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. **60**, care Florists' Review, Chicago

FOR SALE—Oak Park greenhouses, lot, 100x181 with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

FOR SALE—Desirable, paying greenhouse business, 20 miles from Chicago, consisting of 40 000 square feet of glass, planted with roses; two acres of land. Will sacrifice for $10,000; take $4 000 cash; very liberal terms on balance. Plant worth about $25 000. Will rent at $150 per month and sell the growing stock at a low price. Inquire of Valentine Wander, Downers Grove, Ill., or Downers Grove Floral Co., 60 Wabash Ave., Chicago.

FOR SALE—Pumps, Rider and Ericsson's, all sizes, new and second-hand, from $45.00; all repairs. Boilers, second-hand 35 h. p. steam, $70.00; 5 Weathered and Scollay, $50.00; new boilers. Pipe, new 2-in., full lengths at 9¾c; second-hand 2-in., 7½c; 1½-in., 5¾c; 1¼-in., 3½c; ¾-in., 3c. Pipe cutters, second hand, $1 25 and $1.50. Stocks and dies, No. 1 stock, $4.00; No. 2 stock, $5.00. Rubber hose, new ¾-in., guaranteed 150 lbs. water pressure, 7½c per foot; not guaranteed, 4¾c per foot. Glass, new, 16x24 double natural gas made glass, $3.50 per box; 14x20 double, $3 35; 12x16 single $2.40; 10x12 and 8x10 single, $2.28 per box. Hotbed sash, No. 1 cypress, complete, from 75c to $1 65. Get our prices for new cypress building material, ventilating apparatus, oil, putty, white lead, points. Metropolitan Material Co. 1365 Flushing ave., Brooklyn, N. Y.

FOR SALE. Modern house and stable, four acres of land, with greenhouses. Particulars of

WM. E. GLIDDEN, Boston Flower Market, Columbus Ave., BOSTON, MASS.

SITUATION WANTED!

An eastern rose grower would like a position as foreman or manager of western establishment of 100,000 feet or more, making a specialty of growing roses for cut flowers.

Address No. 77, care Florists' Review, Chicago

Mention The Review when you write.

WANTED -- ROSE GROWER

To take full charge of and grow 2000 Beauties and 4000 Teas for cut flowers on a strictly up to date and modern establishment. Houses almost new. State amount of experience had and give names of a few former employers; also wages expected which will be liberal to the right man. No novice or run-about need apply.

This is a steady position for a good, first-class rose grower.

Address B. R., care of C. A. Kuehn, 1122 Pine Street, St. Louis, Mo.

A Rare Opportunity!

Transfer our lease til Aug. 1st, 1905, to party with $700 cash, for whole stock including 10,000 Carnation plants just coming into crop for Easter; 30,000 rooted Carnation cuttings; 4,000 Geraniums, 2 and 3 in., 75 per cent S. A. Nutt. Stock plants of best commercial chrysanthemums; 30 tons of Indiana block coal; rent, $800 a year; 12,000 square feet of glass; a nice 8-room living house; 7 acres of fine farm land.

GAERTNER & GROSENDORF,
Cor. Tuohy & Western Avs., Rogers Pk., Chicago

WANTED.

By a thoroughly good all-round grower, position as foreman in a first-class establishment. American Beauties my specialty. Am now in charge of one of the largest places in the west but desire to make a change.

Address No. 125,
Care Florists' Review, Chicago.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$5 00
30 to 36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 25
8-inch stems per 100	$6 00 to 8 00
Bridesmaids	5 00 to 8 00

	Per 100
Bride	$5 00 to $ 8 00
Ivory	5 00 to 8 00
Liberty	5 00 to 12 00
Golden Gate	5 00 to 8 00
Perle	5 00 to 8 00
Carnations, good	3 00
" fancy	4 00
" extra fancy	5 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

FOR SALE.

Greenhouses in eastern Pennsylvania; 10,000 feet of glass; a well paying business on easy terms; located in a city of 40,000 inhabitants, in the center of the city, alongside of one of the main cemeteries; good reasons for selling. Address all communications No **78**, care Florists' Review, Chicago.

For Sale

In World's Fair City

A good florist business of 10 000 square feet of glass, all in good running order and doing good business, growing Carnations and plants. Will sell with or without stock. Possession given at any time sooner or later. Only those who mean business and have money need apply.

For particulars inquire of

A. JABLONSKY, Wellston, Mo.

Mention The Review when you write.

40,000 Blooming Plants FOR EASTER.

3000 CRIMSON RAMBLERS,
unique designs, extra fine.....$1.00 to $25.00 each.

2000 HYDRANGEAS,
the finest in the market.....$1.00 to $5.00 each.

10,000 LILIUM LONGIFLORUMS,
12c to 15c per bloom.

A large assortment of **HYACINTHS** in pans. $12.00 per doz. **AZALEAS**, 75c to $15.00 each. **HYBRID ROSES**, $5.00 per dozen and up. **SPIRAEAS**, $4.00 per dozen and up. **RHODODENDRONS**, $1.00 to $15.00 each.

Also a large assortment of **PALMS** and other **ORNAMENTAL PLANTS.**

Cash with order.

HERMAN C. STEINHOFF,
578 Hudson Blvd., WEST HOBOKEN, N. J.

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"The Review does the Business."

THE ANNUAL

Easter Number

WILL BE DATED

MARCH 24.

It will be THE BEST SPECIAL SPRING EDITION yet issued. Advertisements must reach us by March 21, to be in time.

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Largest Growers of

FINE STOCK ON HAND

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IN TINY PLANTS, ETC.

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ORDERS BOOKED NOW

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"Get in the Habit"

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CHAS. W McKELLAR

51 Wabash Ave., CHICAGO

WHEN YOU WANT

Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

ORDERS BOOKED NOW FOR EASTER

LOUISVILLE, KY.

The carnation meeting of the Kentucky Society of Florists was held at Jacob Schulz's residence Tuesday night, March 8, and brought out a very large attendance of florists and ladies who came to admire the beautiful new roses and carnations which were sent from the different growers. The tables on which they were shown were beautifully arranged.

Breitmeyer's Sons' new rose, La Detroit, and Peter Reinberg's new rose, Uncle John, were the centers of attraction and were admired by all who saw them.

F. Dorner & Sons Company showed their new carnations, Lady Bountiful and The Belle, which were considered the coming whites. Baur & Smith's vase, of Indianapolis, a beautiful pink, took the eyes of everybody. E. G. Hill Company, of Richmond, Ind., showed a vase of Adonis which was well done and much admired, also their vase of Lawson was hard to beat.

The Cottage Gardens showed The President, Judge Hinsdale, Octoroon, Ethel Ward and Sensation. John May's vase of The Bride was admired. It is a beautiful white. Weber & Sons, Oakland, Md., showed a vase of their New Daybreak and some new seedlings. The Thompson Company showed Nelson Fisher and Mrs. M. A. Patten. E. A. Nelson, of Indianapolis, showed a very fine vase of Mrs. E. A. Nelson.

R. Witterstaetter, of Cincinnati, showed a vase of The Cardinal, a beautiful red, which pleased everybody. A Rasmussen, of New Albany, Ind., showed a vase of well done Enchantress and Lawson.

Joseph Coenen & Co. showed a vase of different kinds of carnations. A. Heitz showed a vase of roses consisting of Brides and Bridesmaids.

Jacob Schulz's display was a vase of Nelson, Prosperity, Estelle, Lillian Pond, Joost, Enchantress and Adonis and several vases of his seedlings, which were very fine. Also a vase of Mme. Chatenay roses, sweet peas and some very fine pansies in bloom. His lilacs were very fine and admired. C. H. Kunzman showed a very fine vase of Prosperity.

H. Lichtefeld.

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Lilies for Easter

And they have for years produced
THE BEST LILIES offered in this market.

We handle all the cut from these greenhouses and these are the lilies on which we are now booking orders.

$15 per 100; **$125** per 1000; 500 at 1000 rate.

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All CUT FLOWERS in Season.

AMERICAN BEAUTY.	Per doz.
Long stemmed	$5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$3.00 to $8.00
Meteors and Gates	3.00 to 8.00
Liberty	6.00 to 15.00
Carnations	1.50 to 2.00
" large and fancy	3.00 to 4.00
Violets	.50 to .75
Valley	2.00 to 3.00
Romans, Paper Whites	2.00 to 3.00
Tulips	2.00 to 5.00
Callas, per doz., $1.25 to $1.50	
Harrisii, per doz., 2.00	
Asparagus, per string, 25 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $3.50	.35
Galax, per 1000, $1.00	.15
Adiantum	1.00
Smilax, per doz., $2.00	
Leucothoe sprays	.75

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"Highest Qualities" as well as "Under Grades"

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Your Orders, are prepared and will take care of them to your advantage.

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PROMPT SERVICE

Our Prices will always be found

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WATER-TIGHT BOILER PIT.

Will some one please tell me through the REVIEW how to go to work to build a pit that will be water tight in low land, to set in boilers for greenhouses?
R. S. H.

It is a very difficult matter to build a pit to keep water out. It is much easier to build one to hold water. Probably as nearly a waterproof pit as can be secured would be obtained in the following manner: Excavate a pit at least two feet larger on all sides than is desired and make the excavation at least a foot deeper than desired. First lay a concrete floor consisting of broken stone, sand and Portland cement in the following proportions: One part of cement, two parts sand and five parts broken stone broken about one to two inches in diameter. Mix all thoroughly and moisten sufficiently to make sand and cement adhere to stones, then tamp firmly. Lay a floor composed of such material at least four inches thick over the entire pit. After it has set (hardened) coat the surface with a mortar composed of one part cement to three of sand, to the depth of one-half to three-quarters of an inch and on top of this build the walls of the pit, laying the stones or brick in cement mortar and plastering the wall with a good coat of cement mortar similar to that used for surfacing the floor. Do not replace earth about the sides of the pit until the wall has set and the plastering on the outside is hard. It should be done, however, before the cement mortar dries sufficiently to check. L. C. C.

LOUISVILLE, KY.—C. H. Kunzman has a new carnation support which he proposes to put on the market. It is three stakes carrying two rings and is collapsible, making it very easy to handle.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE nurserymen who handle phloxes report an annually increasing business on this item.

A HARDY shrub worthy of more general use is Andromeda Mariana, sometimes referred to as the lily of the valley shrub.

AT Palestine, Tex., thieves have been raiding George Reuter's nursery. Among the stock stolen were 800 trees of the Reuter October peach.

SOME of the shrubby hypericums are useful as ground covers in many places, as they can be grown in shaded situations where few shrubs will thrive.

IF the severe winter has killed Caryopteris mastacanthus to the ground, the young shoots may be expected to spring up freely and flower the first season.

WHERE Viburnum plicatum is seen in comparison with V. tomentosum planters almost invariably choose the former; there is now only a slight difference in price.

THERE is a constantly increasing sale for hedge plants. Any florist who can maintain a piece of well kept hedge on his grounds will find it a standing source of profitable orders.

THE Capital City Nursery and Orchard Co., of Indianapolis, has been licensed to incorporate with $10,000 capital stock. The incorporators are H. G. Beckner, E. A. Henby and Oma Beckner.

THE ginkgo, Salisburia adiantifolia, is in good demand; it is one of the best of trees for use in cities. Not only is it odd and ornamental, but it is immune from most insects and grows where the unnatural conditions are fatal to many trees.

SPEAKING of the success which attends care in the shipment of collected rhododendrons, the Wm. H. Moon Co. states that last season a customer to whom they sent a consignment of six carloads lost less than two per cent of the plants. They dig a large ball of earth and protect it in damp moss.

CHARLES A. SADDLER, the well-known nurseryman of Bloomington, Ill., died March 10, of pneumonia. He was, with his brother, proprietor of the Home Nursery, with which had been merged the business of F. S. Phœnix. Mr. Saddler was a man of most exemplary character and high standing in his community and the trade. He was but 46 years of [illegible] and had gained a considerable fortune.

PETERSON NURSERY,
170 La Salle St., CHICAGO.
PEONIES and Hardy Ornamental Stock
Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.
Mention The Review when you write.

HARDY, ORNAMENTAL STOCK
Grown in the Most Northern Nurseries in America.
SPECIAL OFFERS FOR SHREWD BUYERS

ORNAMENTAL TREES

Ash American	5-6 ft.,	8c
Ash, "	4-5 "	7c
Birch, Paper or Canoe	6 7 "	20c
Birch, " "	4-6 "	15c
Catalpa Speciosa	6-7 "	8c
Catalpa "	5-6 "	7c
Cottonwood	10-12 "	10c
Cottonwood	8-10 "	8c
Weir's Cut Leaf Maple	6-8 "	15c
Mountain Ash, European	6-8 "	12c
Mountain Ash, "	5-6 "	10c
Mountain Ash, Oak-leaved	6-7 "	20c
Poplar, Golden	6-7 "	12c
Poplar, "	4-6 "	10c
Poplar, Silver	5-6 "	5c
Poplar, "	6-8 "	6c

CLIMBERS

Amp. Quinquefolia	1 yr., 3c;	2 yrs.,	4c
Amp. Veitchii	1 yr., 5c;	2 yrs.,	8c
Clematis, Assorted		2 yrs.,	20c
Matrimony Vine	2 yrs ,4c;	3 yrs.,	6c
Bitter Sweet, 3-4 ft.		2 yrs.,	7c

SHRUBS

Altheas, Assorted	2-3 ft.,	8c
Berberry, Purple	2-3 "	10c
Berberry, "	12-18 in.,	5c
Currant, Red Flag	2-3 ft.,	8c
Red Twig Dogwood	2-3 "	10c
Deutzia, Assorted	2-3 "	8c
Deutzia, "	3-4 "	10c
Golden Elder	3-4 "	8c
Purple Fringe	2-3 "	8c
Hydrangea, P. G	2-3 "	8c
Hydrangea, "	18-24 in.,	6c
Snowberry, White Fruited	3-4 ft.,	8c
Spiræa, Assorted	2-3 "	8c
Spiræa, "	3-4 "	10c
Syringa, "	2-3 "	8c
Syringa, "	3-4 "	10c

HERBACEOUS PLANTS

Golden Glow....2c	Coreopsis....2c
Achillea The Pearl..2c	Hypericum 4c
Chrysanthemum, Max....3c	Iris Germanica....3c
	Aquilegia....3c

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CATALOGUE FREE, describing many new and valuable varieties.
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Surplus Shrubs CHEAP!
Also other trees and plants in assortment. Send for Wholesale List.
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Dormant Roses
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Fine disbudded plants. Nos. 1, 2 and 3.
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intends to keep at the head for hardy nursery-grown Evergreens for the nursery trade. It's to your advantage to get my prices and place your orders whilst varieties and sizes are complete. Address
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6 or 8 LAUREL TREES. STANDARD.
Please state size and price. Must be in A No. 1 condition. Address
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THE WM. H. MOON CO.,
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CALIFORNIA PRIVET

		Per 1000
200,000	2 years, 2 to 2½ feet, very bushy	$20.00
150,000	2 " 18 to 24 ins., " "	16.00
100,000	2 " 12 to 18 " " "	10.00
200,000	1 year 12 to 18 " branched	9.00
200,000	1 " 10 to 12 " "	7.00
100,000	Cuttings, 8 ins., strong	.80
100,000	" 8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barr's; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.
J. H. O'HAGAN, Little Silver, N. J.
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W. & T. SMITH COMPANY,
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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
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1840 — 1904
Old Colony Nurseries
Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18-24-inch, $5 per 100.
Eleagnus Hortensis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa, 3-4 feet, $5 per 100
TRADE LIST READY.
T. R. WATSON, Plymouth, Mass.
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EASTER

We can supply you. Our stock will be complete; will be specially strong in long-stemmed BEAUTIES and LIBERTIES, BRIDES and MAIDS. You know the quality we handle.

Easter Plants

The stock produced by Philadelphia's Best Growers can be secured by placing your order with me. Order now.

Cut Easter Lilies

We will have any quantity of them. ☞ Write for prices.

LEO NIESSEN,

1217 Arch Street.═══WHOLESALE FLORIST.═══Philadelphia, Pa.

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GET YOUR ORDER IN FOR

LILIES FOR EASTER

3, 4, 5, 6, 8 and 10 FLOWERS, AT 10 to 12½ CENTS A FLOWER.

Also, don't forget FANCY FERNS for EASTER—Bostons and Piersoni all sizes. Get your order in for ROSES for early planting. Write:

GEO. A. KUHL

PEKIN, ILL.

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FOR EASTER

EASTER LILIES 10 Cents per Flower and Bud.

HYDRANGEA—Pink, very fine, 3, 5, 6 flowers, $6.00, $8.00 and $10.00 per doz. **SPIRAEA**—6 inch pot, $4.00 per doz. **HYACINTHS**—Mixed colors, $10.00 per 100. **TULIPS TOURNESOL**—Red and Yellow, $1.40 per doz., 3 in a 4-in. pot. **DAFFODILS**—Double Nose, 3 in a 5-in. pot, $2.40 per doz. **RUBBER PLANTS**—6-in. pots, $4.00 per doz. **BOSTON FERNS**—6-in. pots, $4.00 per doz. **VERNON BEGONIA**—4-in. pots, $1.40 per doz.; 5-in. pots, $2.50 per doz. 6-in. pots, $4.00 per doz.; one mass of bloom almost equal to Lorraine Pink. **ASPARAGUS SPRENGERI**—4-in. pots, $1.20 per doz. **AURACARIAS**—4 tiers 75c each; 5 tiers $1.00 each. **KENTIA PALMS**—3 feet $1.00 each. **PERIWINKLE**—4-in. pots $10.00 per 100. Cash with order please. All orders shipped at purchasers risk. Will take greatest care in packing.

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Tells You What You Want to Know in the Way You Want to be Told.

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POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $4.00 per hundred in 25 sorts. Better and newer kinds at $5.00 and $6.00 per hundred. **Terms Cash with order.**

TEMPTING BARGAINS There is money in the kinds named below, and we offer them post free for cash. This is the first time we have been enabled to offer post free, as this means of transit has only recently come into operation.

SPECIAL OFFER OF 12 CACTUS DAHLIAS as follows, free by post, for $1.20: 6 of each, free by post, $5.50; 12 of each, free by post, $10.00; 100 of each free by post, $80.00. **Alpha, Artus, Floradora, Galliard, J. Weir Pife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows, and Vesta.**

NEW SEEDLING CACTUS DAHLIAS One each of the following 12 distinct varieties, all new and certificated by the Dahlia Societies in England, free by post for $2.00: 6 of each, post free, $10.00; 12 of each, post free, $19.00—**Aunt Chloe, C.G. Stredwick, Flamingo, Gabriel, Ophir, Miss Grace Cooke, Mrs. J. P. Clarke, Mrs. A. F. Perkins, Mrs. H. J. Jones, Mrs. Edward Mawley, Richard Dean, and Sailor Prince.**

WHITE DAHLIAS FOR CUT **Lord Roberts** (Cactus), $8.25 per hundred, free by post; **Purity** (Cactus), $11.25 per hundred, free by post; **Winsome** (new), $1.25 each, free by post; **Guiding Star** (Pompon), $8.25 per hundred, free by post. **Terms cash with order.**

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HENRY M. ROBINSON & CO., 11 PROVINCE ST., L. D. Phone 2618 Main. **BOSTON, MASS.**

Mention The Review when you write.

Vegetable Forcing.

"I do not know," says an English writer, "to what extent the practice of raising onions under glass early in the year, to be afterwards transplanted into the garden, obtains, but it is apparent that those who have accorded it a fair trial are so enamored by the results as to have adopted it instead of the old method of sowing in the open."

THE MARKETS.

Chicago, March 16.—Radishes, 25 to 60 cents dozen bunches; lettuce, heads, $3 to $3.50 barrel; leaf, case, 40 to 45 cents; cucumbers, 50 cents to $1.50 dozen.

New York, March 15.—Cucumbers, $1 to $2 dozen; lettuce, 10 to 20 cents dozen; mushrooms, 10 to 60 cents pound; radishes, $1 to $2.50, 100 bunches; tomatoes, 10 to 20 cents pound; rhubarb, 30 to 65 cents dozen.

HEATING VEGETABLE HOUSE.

Will you oblige me by giving points about my heating plant? I have bought a new vertical twenty horse-power boiler and wish to know how to pipe my vegetable house in the best manner for steam. The dimensions of the house are 25x180, fourteen feet to ridge, with span of twenty feet to the south and eight feet boarded up to the north. E. E. B.

I judge from the writer's letter that he wishes to use the house in question for the production of lettuce, radishes, and possibly cucumbers late in the season. If so the temperature required by these crops will necessitate about 1,890 square feet radiation or a 3½-inch riser running from end to end of the house under the ridge and returning by sixteen 1¼-inch returns. These may be arranged upon the outside walls in coils or, if raised benches are used, small coils, say of three pipes at the south side and four at the north, may be placed on the walls, with the other nine pipes distributed under the benches. If solid benches are used the nine pipes may be distributed over the benches about eighteen inches from the surface of the soil.

The upright boiler will require a deep boiler pit, as the water line in the boiler should be at least two feet below the lowest point in the return pipes, otherwise a steam trap or pump will be necessary to return the condensed water from a hot well to the boiler. In general upright boilers are not desirable for greenhouse heating on this account and because of the small fire box with which they are usually provided. L. C. C.

MUSHROOMS IN CELLAR.

In recent issues of the Review I notice W. S. Croyden's notes on mushrooms and would like to get some further information with regard to the best way to make a start in growing mushrooms. I have one cellar 16x27 and another 8x40 feet. C. B.

In a cellar 16x27 you can have four beds, two on each side, one being built above the other. The beds would of course run lengthwise of the house and in the width of sixteen feet you can make your benches six feet wide. As the bed is better to be away from the cold, damp wall, a space of three inches could be left between the back of the bench and the wall. This would leave a passageway three feet six inches wide up the center of your cellar, which would give ample freedom to take in and out the material for constructing the beds. In the cellar eight feet wide the benches would have to be constructed on the one side only, and to allow freedom to work could not be over five feet wide.

In a very high cellar three benches could be constructed in each tier, but enough space should be left between the benches and over the upper one to give freedom to work. This would require about three feet of space. The lower bench is better to be raised above the ground sufficiently to allow of a free circulation of air under it. In a case of limited space six inches would do, but if a little more can be given, all the better.

The benches should be one foot deep and the bottom boards cut so as to fit closely together. It is a good plan to leave the bottom boards of the upper benches unnailed, so as they can be lifted aside when making the bottom beds, these being the first to be made up, thus allowing an opportunity to get into them and pack the material with the feet.

To make your cellars suitable for mushroom culture through the winter months it would be necessary to have some means of supplying heat, as this crop cannot be grown with any certainty of success if the temperature falls below 50 degrees. In a good, close cellar, with the assistance of the heat from the beds, a flow and return hot water 4-inch pipe ought to be sufficient to give the desired temperature in the 8-foot cellar and double that amount for the 16-foot cellar. The pipes should be arranged so that they will not be too close to any of the benches or they would dry the bed out at the point nearest, which would make the crop come uneven and might even result in considerable injury thereto.

Now that the cold weather is over you could try some beds on the floor of the cellars, making them about five or six feet wide and about two feet deep. This depth would be necessary to insure their retaining sufficient heat to mature the crop. The article you mention having read pretty well covers the preparation of manure, the making up of the beds, spawning, etc., but to this I would add a warning to avoid manure gathered from stables where they use sawdust or wood chips for bedding, as there is always the danger of these containing the mycelium of fungi, which if introduced would work havoc in the mushroom bed.

A moist atmosphere is necessary in the culture of mushrooms, but with the absence of artificial heat the necessary moisture should be easily maintained. Should the atmosphere become dry, however, an occasional sprinkling of the space between the beds may be necessary and even the walls might be lightly sprinkled, but a heavy, stifling atmosphere must be avoided. Some means of airing should be provided and a little air admitted every day when the air outdoors is not too cold, but cold draughts must always be avoided.

W. S. Croydon.

Could not keep house without The Review.—E. E. Allen, Blairsville, Pa.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

E. J. Bowen, the venerable and wealthy California seedsman, died March 5.

Visited Chicago.—E. M. Parmelee, of the John H. Allan Seed Co., Cheboygan, Wis.

Louisville, Ky.—Onion sets are practically sold out here, no yellows are to be had, and but few whites.

The pea and bean growers all agree that the percentage of shrink and the cost of hand picking has been unusually heavy this season.

From the jobbers' standpoint the scarce stocks at present are muskmelon, squash, pumpkin, field corn, beans, sweet peas, seed potatoes and onion sets.

The board of general appraisers has sustained the protest of R. S. Porter & Co. that certain merchandise classed as seed peas by the collector of customs at New York was dutiable as dried peas.

Toronto, Ont.—S. E. Briggs, of the Steele-Briggs Seed Co., and W. E. Wellington, of Stone & Wellington, nurserymen, have been elected members of the executive board of the Industrial Exposition.

The Republican of Ventura, Cal., for March 3 contained an illustrated write-up of the begonias growing on the grounds of the Theodosia B. Shepherd Co., where many fine varieties, including Marjorie Daw, originated.

The market garden trade is the seedsman's standby. Early or late seasons do not affect it; hotbeds are made when the time comes, regardless of weather, and a yearly order may be relied on with but slight variations.

The cold weather and snow storms at the north and the planting time advancing at the south makes it hard for the seedsman to make proper connections. An uncompleted southern order is a most annoying thing at present.

The longer the bad weather continues the harder it will be to properly size up the seed sweet corn situation. The gaps have not yet been filled and no sweet corn has been grown since last fall's harvest, but a lack of inquiry caused by weather conditions has a depressing tendency and will weaken prices until the weather changes.

The G. W. P. Jerrard Co., Caribou, Me., says that potatoes never kept better in this county than they have the past winter. No rot and very few frosted ones. They are going forward rapidly now at very satisfactory prices. Market stock is netting the farmers from 75 to 80 cents per bushel and seed varieties are selling at an advance of these figures. The indications are that there will be quite an increase in the acreage the coming season. Oats, 50 cents per bushel; hay, $10 per ton.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

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THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

FRESH SEED NOW ON HAND

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.

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SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c

WEEBER & DON, Seed Merchants,

114 Chambers St., NEW YORK CITY

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LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100.....$1.50
Per 1000.....13.00
Per case of 2,500.....30.00

H. N. BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

CATALOGUES RECEIVED.

Wm. Bull & Sons, Chelsea, England, plants, etc.; W. A. Manda, South Orange, N. J., plants and seeds; J. K. Alexander, East Bridgewater, Mass., dahlias; Chas. D. Ball, Holmesburg, Pa., palms; Wagner Park Conservatories, Sidney, Ohio, plants; A. Dietsch Co., Chicago, greenhouse material; I. N. Kramer, Cedar Rapids, Ia., seeds and plants; H. W. Buckbee, Rockford, Ill., seeds and plants; G. H. Haszard, Charlottetown, P. E. I., new cactus dahlias; Wachendorff Bros., Atlanta, Ga., cut flowers and plants; M. E. Chandler, Argentine, Kan., plants.

BANGOR, MICH.—M. C. McKee, proprietor of the Rose Lawn Greenhouses, died March 6 after an illness of only four days. He was 64 years of age and leaves a widow, two daughters and a son. Mr. McKee was the village clerk at the time of his death.

THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

Large Flowering BEGONIAS TUBEROUS ROOTED SELECTED BULBS

SINGLE	Per doz.	100	1000
Scarlet	35c	$2 50	$22 50
White	35c	2 50	22 50
Crimson	35c	2.50	22.50
Rose	35c	2.50	22.50
Yellow	35c	2 50	22.50
Mixed	30c	2 25	20.00

DOUBLE	Per doz.	100
Scarlet	60c	$4.50
White	60c	4.50
Crimson	60c	4.50
Rose	60c	4.50
Yellow	60c	4.50
Mixed	50c	4.00

GLOXINIA CRASSIFOLIA ERECTA—Giant Flowering, Carefully Selected Bulbs from a Ghent Specialist

	Per doz.	100
Mixed, first size, 1 in. and over	40c	$3.25
Mixed large size, 1¼ to 1½ in	50c	4.00
Mixed, extra large, 1½ to 2 in	65c	4 75
Scarlet Defiance, extra large	75c	5.00
White, extra large, 1¾ to 2 in	75c	$5.00
Blue, " " 1½ to 2 in	75c	5.00
Spotted, " " 1½ to 2 in.	75c	5.00

See Our Flower Seed Offer in Last Issue.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

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ASTERS--SEMPLE'S BRANCHING.

Our improved strain of this fine ASTER SEED produces perfect double flowers that command the best price in the Cut Flower Market. Colors—Blue, Lavender, White, Pink, Scarlet, and mixed.

Trade Packet, 30c; oz, $1.00. Send for our wholesale catalogue.

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

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Lawn Grass Seed in bulk and packages

PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

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Shasta Daisy—75c per 1000 seeds, $6.50 per 10,000. **Geranium**—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz. **Smilax**—$2.00 per lb **Ipomœa**—"Heavenly Blue" 40c oz., $3 50 per lb. **Cyperus Alternifolius**—25c pkt., $1.00 per oz. **Alsophylla Australis**—(Australian Tree Fern) 50c pkt., $7.50 oz. **Apple Geranium**—75c per 1000 seeds. **Asparagus Sprengeri**—50c per 1000 seeds. **Erythea Edulis**—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1.50 per 1000 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co., Ventura, Cal.

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Our bulbs are not better than the best, but better than the rest.

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SYLVANIA, OHIO.

Bulbs and Tubers

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WRITE FOR PRICES.

Fresh Tobacco Stems, per bale, $1.50

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12 and 13 Faneuil Hall Square, BOSTON.

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is not complete without **our Novel Easter Specialty** of **Chicks** and **Ducklings.** These fluffy little birds are wonderfully life-like. Just the thing to catch your customers' fancy in a box of cut flowers, or in a plant hamper. Put a brood of them in your show window or on your counter. They will make a hit.

Have you our **Plant Baskets** and **Hampers?** They are in variety to suit every requirement.

Our **Waterproof Crepe Paper** and our new **Accordeon Plaited Crepe Paper** are very popular at Easter, as they enhance the beauty of your stock.

China Swans are another of our fancies. They come in several sizes and all are pretty.

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America. 50-56 N. Fourth Street, **Philadelphia.**

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504 LIBERTY AVE., PITTSBURG, PA.

ELMIRA, N. Y.

U. S. Cut Flower Co.

The plans of the United States Cut Flower Company have been materially changed since its inception last summer. It is now fully organized on a substantial basis and is composed entirely of conservative Elmira business men, with the exception of William Algie, who comes here from Alton, Canada, having been connected with the management of the Dale Estate greenhouses for a number of years. The directors of the company are Wm. Algie, president and general manager; W. R. Compton, vice-president; H. C. Mandeville, secretary and treasurer; Frank Inksater and H. N. Hoffman. Plans are being prepared and contracts let for the construction this spring on their tract of land at Elmira Heights, of a block of seventeen houses each 21x200. The King Construction Company's trussed roof with iron gutters will be used, with double purlins, thus allowing the use of light sash bars, 16x24 glass and double rows of ventilators. Mr. King's system of steam heating will also be used, without the automatic stokers. The boiler house will be located alongside the tracks of the Lehigh Valley railroad and a switch run in for coal, etc. It is expected that this block will be completed by July 1, so that stock may be planted at that time and have flowers ready for market in the fall. Most of the space will be devoted to roses and carnations, with some lilies, chrysanthemums and green stuff. H.

QUEENS, N. Y.—The secretary of state has licensed the incorporation of the Cottage Gardens Co., capital $60,000, incorporators Charles W. Ward, Wilhelmina S. Ward and John C. Gowing.

Rooted Carnation Cuttings.

SPECIAL LOW PRICES FOR TEN DAYS.

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$12.00	$50.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.00	8.00	35.00
RED.			
G. H. Crane	2.00	18.00	80.00
Estelle	2.50	20.00	.....
America	2.00	18.00	80.00
Mrs. Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	.....

WHITE.	100	1000	5000
Flora Hill	$1.00	$ 8.00	$35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	
Norway	1.25	10.00	40.00
Gov. Wolcott	3.00	25.00	100.00
LIGHT PINK.			
Higinbotham	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100;	$12.50 per 1000	Golden Gate	$1.50 per 100;	$12.50 per 1000
Maid	1.50 "	12.50 "	Ivory	1.50 "	12.50 "

ROSE PLANTS, 2-inch Pots.

Bridesmaids	$3.00 per 100;	$25.00 per 1000	Perle	$3.00 per 100;	$25.00 per 1000
Brides	3.00 "	25.00 "	Golden Gate	2.50 "	20.00 "
Ivory	$2.50 per 100; $20.00 per 1000.				

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For Sale **Fine Rose Plants**

from 2½-inch pots.

Brides, Maids, Ivory and Perle, $3 per 100
Beauty, $5 per 100

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ROSES — PLANTS AND ROOTED CUTTINGS.	ROSES — Per 100 R. C.	Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle, Kaiserin, Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS — 2½-in., $4 per 100; 3-in., $8; 4-in., $12.50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

W. H. GULLETT & SONS, Lincoln, Ill.

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SEE OUR SPECIAL ADVERTISEMENT ON PAGE 827

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1,000,000 SQUARE FEET OF GLASS

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AM. BEAUTIES, ex. long stem	$4.00
" " 30-in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$10.00 to $12.00
" medium	5.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

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Strong and healthy growers. Earliest and most productive of all White Carnations. The two best commercial sorts.

$12.00 per 100; $100.00 per 1000.
2500 at $95.00 per 1000; 5000 at $90.00 per 1000

Asparagus Comorensis,

Extra strong, select stock, 3-inch, $10.00 per 100; 3½-inch, $12.00 per 100.

F. DORNER & SONS CO., LA FAYETTE, IND.

Wholesale Cut Flower Prices.

Philadelphia, March 16.

	Per doz.
Beauties, Specials	$ 5.00 to $6.00
" Extra	4.00
" No. 1	2.00 to 3.00
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " Shorts	1.00 to 1.50

	Per 100
Bride and Bridesmaid, Specials	$10.00 to $12.00
" " Short	4.00 to 6.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Liberty, Firsts	20.00 to 40.00
" Seconds	5.00 to 10.00
Perle	3.00 to 6.00
Sunrise	4.00 to 8.00
Ivory, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Orchids, Cattleyas	50.00
" Cypripediums	10.00 to 12.00
" Others	10.00 to 20.00
Carnations, Commons	1.50 to 2.00
" Short White	.75 to 1.00
" Fancies	2.50 to 4.00
" Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	.35 to .50
" Sprengeri "	.50
Callas	10.00 to 12.00
Daffodils	2.00
Daisies	.50 to .75
Freesia	2.00 to 4.00
Hyacinths, Roman	1.00 to 2.50
Lilac, per doz.	1.00 to 2.00
Lilium Harrisii	10.00 to 12.00
Lily of the Valley	3.00 to 4.00
Mignonette, ordinary	1.00 to 2.00
" Fancy	3.00 to 4.00
Narcissus	1.50 to 3.00
Smilax	8.00 to 12.00
Sweet Peas	.50 to .75
Tulips, single	2.00 to 4.00
" double	4.00 to 5.00
Violets	.25 to .75
Gardenias, per doz.,	1.25 to 3.00

ROOTED CUTTINGS

PELARGONIUMS, 15 varieties, all named, $2.25 per 100. Verbenas, all choice named varieties, 60c per 100; $5.00 per 1000. Petunias, named, all double, $1.25 per 100; $10.00 per 1000. Heliotropes, $1.00 per 100; $8.00 per 1000. Salvias, $1.00 per 100; $8.00 per 1000. Giant Alyssum, $1.00 per 100. Ageratums, 60c per 100; $5.00 per 1000. Coleus, 70c per 100; $6.00 per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later

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Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

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Specimen Plants from $3 to $6 each.

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We have them in 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

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SHIPPING ON COMMISSION.
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THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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(Established 1882)
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New York, March 16.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.00 to 20.00
" No. 1	6.00 to 8.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	6.00 to 10.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate	2.00 to 10.00
Liberty	3.00 to 25.00
Meteor	2.00 to 6.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	8.00 to 10.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	.75 to 1.00
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
" Novelties	4.00 to 6.00
Gardenias	35.00 to 50.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	8.00 to 10.00
Daffodils	1.00 to 3.00
Daisies	1.00 to 2.00
Freesia.....5c to 15c per bunch.	
Hyacinths, Roman	1.00 to 2.0
Lilac	.50 to .75
Lilium Harrisii	6.00 to 8.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 4.00
Narcissus	.50 to 1.50
Sweet Peas	.50 to 1.00
Tulips, single	.50 to 1.00
" double	1.00 to 2.00
Violets	.10 to .35

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Importers and Manufacturers of
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Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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Everything in Cut Flowers—the best in the market
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GENERAL MANAGER JOSEPH A. MILLANG 55-57 W. 26TH ST.
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VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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Roses, Violets, Carnations, and all varieties of Cut Flowers.

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Consignments realize with us the best market prices.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

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QUEENS, - L. I., N. Y.

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GALAX, Bronze or Green, $1.00 per 1000.

FERNS, Fancy, $2.00 per 1000. Dagger, 1.00 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 1431 Madison Square.

Wholesale Cut Flower Prices.

Pittsburg, March 16.

	Per 100
Beauties, Specials	$30.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	18.00 to 6.00
Brides and Maids, Specials	10.00 to 12.00
" " Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	3.00 to 8.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 3.00
" Novelties	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 4.00
" Sprengeri, sprays	2.00 to 4.00
Callas	6.00 to 10.00
Daffodils	1.00 to 4.00
Daisies	.50 to 1.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	4.00 to 5.00
Lilac	1.00 to 1.50
Lilium Harrisii	6.00 to 15.00
Lily of the Valley	2.00 to 3.00
Mignonette	2.00 to 4.00
Narcissus	1.00 to 4.00
Pansies	.50 to 1.00
Smilax	12.00 to 15.00
Sweet Peas	.25 to .50
Tulips, single	3.00 to 4.00
" double	5.00
Violets	.25 to 1.00

DETROIT, MICH.—George H. Northcott, of Northcott & Brown, 308 Woodward avenue, has sold his interest in the business to his partner.

ROANOAK, IND.—George Stump has sold his residence and greenhouse south of town and will remove to the vicinity of Laporte, to engage in market gardening.

IRONTON, O.—Theo. Miller has sold his greenhouses to Weber Bros., one of whom has been in his employ for several years. The business will be continued as the Miller Greenhouses, Weber Bros., proprietors. Mr. Miller has not decided on his future course.

GALAX LEAVES Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 3000 lots. Small Green Galax for Violets, 75c per 1000.

SOUTHERN SMILAX Per 50-lb. case, $6.00; per 35-lb. case, $4.50; per 25-lb. case, $3.50.

GREEN CAKE MOSS $1.25 per bag.

PALM BUDS Used in Churches on PALM SUNDAY. Short size, $1.00 per doz.; medium size $1.50 per doz.; long size, $2.00 per doz.

PALMETTO LEAVES For Decorations; large size, $2.00 per 100; medium size, $1.50 per 100.

LEUCOTHOE SPRAYS Bronze and Green, 90c per 100; $7.50 per 1000.

GREEN SHEET MOSS Suitable to wrap around pots; per bbl. sack, $2.50.

Pot Covers, Porto Rico Mattings.

CREPE PAPER In many rich varieties at lowest prices.

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38 W. 28th St., NEW YORK.

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Stands at Cut Flower Exchange Coogan Bldg., W. 26th St., and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Wholesale Cut Flower Prices.

Chicago, March 16.

	Per doz.
Beauties, 36-inch stems	$4.00
" 30 "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.25
" Shorts, per 100	$6.00 to 8.00
	Per 100
Bridesmaids, Specials	$6.00 to $ 8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	12.00
" Firsts	9.00 to 10.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 7.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Common	1.50 to 2.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	2.00 to 5.00
Freesia	2.00 to 4.00
Sweet Peas	1.00 to 1.50
Easter lilies, $2.00 per doz.	
Callas, $1.25 to $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 per doz.	

DENVER, COLO.—The liabilities of Bessie Hortop, whose retail store on Sixteenth street passed into the hands of G. S. Redd, assignee, are $3,900, with assets of some $800. On March 2 D. V. Burns was appointed trustee to wind up the business.

APPRECIATION.

From Massachusetts:—"Would not know how to get along without the REVIEW, as it contains much valuable information every issue."

From Ontario:—"We are much pleased with the REVIEW and would not care to do without it."

From New York:—"I am much pleased with your interesting paper; it is all anyone could wish for."

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WE certainly like your paper very much and would not want to do without it.—F. G. MENSE, Glen Cove, L. I., N. Y.

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THE "OLD RELIABLE" FOR
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Chas. W. McKellar,
WHOLESALE COMMISSION FLORIST,
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Lily of the Valley
of good quality always on hand.
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Easter Plants.

Orders booked now for any variety in any quantity.
Write for prices to

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WM. DILGER, Manager.

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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List.

Wholesale Cut Flower Prices.

Cincinnati, March 16.

	Per 100
Beauties, Specials	$40.00
" Extra	$25.00 to 30.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 8.00
Brides and Maids, Specials	8.00
" " Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Liberty	3.00 to 15.00
Meteor	2.00 to 8.00
Perle	2.00 to 6.00
Sunrise	2.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Daisies	.50
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	8.00 to 15 00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to 1.00
Tulips, single	2.00 to 4.00
" double	3.00 to 4.00
Violets, ordinary	.35
" extra	.75

Milwaukee, March 16.

	Per 100
Beauties, Specials	$25.00
" Extra	$18.00 to 20.00
" No. 1	12.00 to 15.00
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 1	4 00
" " No. 2	2.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 8.00
Liberty	8 00 to 10.00
Meteors	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Selects	1.50
" Fancies	2.00 to 3.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Callas	10.00 to 12.50
Daffodils	4.00
Daisies	.75
Freesia	2.00
Hyacinths, Dutch	3.00 to 4.00
Lily of the Valley	2.00 to 3.00
Mignonette	2.00 to 3.00
Smilax	20.00
Sweet Peas	1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.50 to .75

I HAVE always found your paper a very good value for a dollar.—G. H. MILLS, Toronto, Ont.

C. A. KUEHN WHOLESALE FLORIST

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316 Walnut Street, CINCINNATI, OHIO.

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Wholesale Cut Flower Prices.

St. Louis, March 16.

	Per doz
Beauties, Specials	$4.00 to $6.00
" Extra	2.00 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Golden Gate	4.00 to 8.00
Liberty	3.00 to 6.00
Meteor	3.00 to 6.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Common	1.50 to 2.00
" Selects	2.50 to 3.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Daffodils	3.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 5.00
Narcissus	2.50 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to .75
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets	.25 to .40

HERE'S another dollar for the REVIEW, which we certainly cannot do without.—GELVEN & SON, Sedalia, Mo.

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.
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Inch.	Each.	Doz.
6	$0.70	$ 7.50
12	1.25	13.50

Bulb Boxes, 4-inch Deep. Fig. No. 2.

4½x7	.40	4.00
5 x10	.50	5.00
5½x13	.65	7.00

Combination Plant Stand and Vase.

20	3.00	8.25
30	3.50	9.75
40	4.00	11.25

Canoes. Fig. No. 3.

12	.45	4.50
15	.55	6.00
18	.65	7.50
21	.80	9.00
24	.95	10.50

Easter Hats. Fig. No. 4.

6	.60	6.00
7	.70	8.00
8	.95	10.00

Fern Dishes. Fig. No. 5.

4	.20	1.80
5	.25	2.40
6	.30	3.00
7	.35	3.60
8	.40	4.20

Logs. Fig. No. 6:

6	.20	2.00
9	.25	2.75

Logs. Fig. No. 6.

Inch.	Each.	Doz.
12	$0.35	$ 3.50
15	.45	4.50
18	.55	5.50
21	.65	6.50
24	.75	7.50

We can make up to order any size log or log with limb attached.

Hampers 4-inch Deep.

6x10	$0.75	$ 8.00
8x12	1.00	11.00
10x15	1.25	13.00

Fancy Handle Baskets. Fig. No. 12.

20	2.00	23.00
21	2.50	27.00

Handle Baskets, Round. Fig. No. 8.

6	.55	5.00
7	.65	7.00
8	.80	9.00

Handle Baskets Oval.

10	.60	6.00
12	.75	8.00
14	.95	10.00

Handle Fern Baskets.

14	.80	9.00
16	1.10	12.00

Handle Baskets, Diamond Shape.

8	1.00	11.00
9	1.25	13.00

Tulip Basket

Inch.
6
7
8

Tulip Dishes. Fig.

4
5
6
7
8

Shoes. Fig. No

6
10
14
18

Plant Boxes, 4-inch Deep

5 x8
5½x11
6 x14

Pot Covers. Fig.

4
5
6
7
8

Plant and Bulb Tubs.

7
10

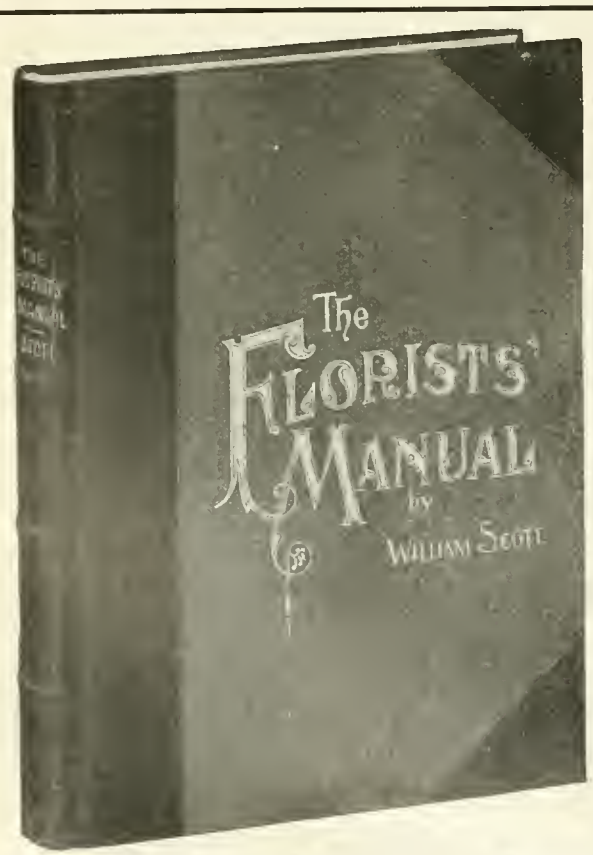
Wall Pockets. Fig.

12

Wall Vase. Fig.

20 high, 5 ins. diam. (including inside

E. H. HUNT, 76-78 Wabash Ave., CHICA



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Florists' Publishing

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most attractive for pot covers and receptacles for bulbous and other plants, and for many other iced are in stock, ready for immediate shipment.

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0	$20.00
0	22.00
5	24.00
5	4.80
0	5.40
0	6.20
5	7.00
0	7.80
0	4.00
5	8.00
5	13.50
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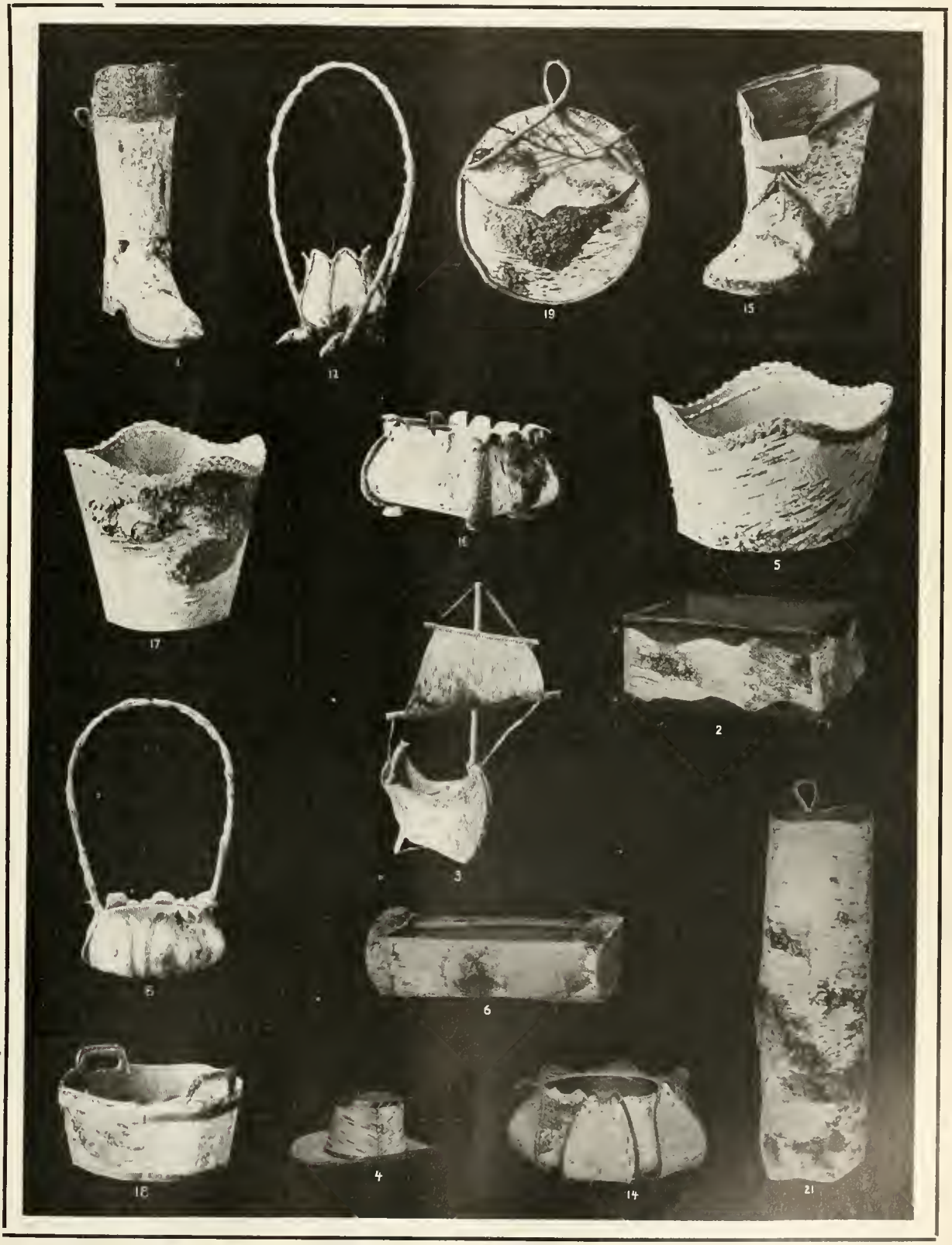

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE.
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Washington, - D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

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Cincinnati, Ohio

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See Special Azalea Advertisement on Page 839.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for **Chicago and Vicinity**
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A. LANGE,
Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
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Clarke Bros.

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Mrs. Chas. Eickholt,
2319 AVENUE M, Galveston, Tex.

S. B. Stewart,
119 No. 16th Street, OMAHA, NEB.

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EASTER PLANTS

Blooming Easter week and from now on if desired. I am noted for the past years and have a reputation and the trade all over the land to grow a large assortment and plenty of choice blooming plants of every description. I have an immense stock—seven large houses and five hotbeds are crammed to their full extent, and are in better shape and condition than before.

Azalea Indica—Three houses filled with this only choice American variety. I know exactly what my customers and the public in general want. I and my son Howard went to Europe last summer on account of the scarcity of Mme. Van der Cruyssen, and must say with great pleasure that we were successful in obtaining 2,000 of this beautiful variety. I offer you them now as the gem of my stock, only none of it has been picked out by fall sales (and have the residue left). I make it as a rule not to offer any in the fall outside of Xmas. Please note my prices of the 2 000 Mme. Van der Cruyssen: 6, 7 and 8-in. pots, all sizes, as round as an apple, covered with buds, 60c, 75c, $1.00; specimens $1.25 to $1.50 each. Other varieties of plants. We also have a large stock of Bernard Andre Alba, Niobe (double white), Empress of India, Prof. Wolters, Vervaeneana, Dr. Moore, Soode Manhout Paul Weber, Sigismund Rucker, Illustre and about 12 more leading varieties, 6, 7 and 8-in. pots, 50c, 60c, 75c, 90c $1.00; specimens, $1.25 to $1.50 each. If pots are not wanted we take the fresh soil off, because Azaleas never make new roots during winter. This makes packing light and safe, which reduces the express charges considerably.

Lilium Harrisii and **Japan Multiflorum**—I have about 2 500 to offer, raised from H. F. Michell's special brand of bulbs; 6 inch pots, from 5 to 8 buds to a plant, 10c per bud; under 5 buds, 12c.

Cineraria Hybrida—I have a house full of 2 000 6 in. pots, all shades, from H. F. Michell's best strain $3 00 $4.00 and $5 00 per doz.

Dalsies—White (Marguerites), 6 in. pots $3.00 per doz.

Begonia—Pres. Carnot, 6-in. pots, $3.00 per doz.; mixed varieties, 4-in. pots, $1 80 per doz.; Veruon in bloom, 4-in. pots, $1.50 per doz.

Cyclamen—4 in. pots in bloom $2.00 per doz.

Primula—Obconica, 4-in. pots, $1 80 per doz.

Spiraeus—Compacta, Superba, Floribunda, 6-in. pots $3.00 to $4.00 per doz.; Gladstone (new), 6-in. pots $5.00 per doz.

Hyacinths—Only the choicest, my own importation, all shades, $10.00 per 100.

Hydrangea—Otaksa, 6 to 7-in. pots, from $4.00, $5.00, $6 00, $9.00 to $12.00 per doz.

Tulips—Tournesol, double red or yellow, best selling Tulips, 3 in a 4-in. pot $1 50 per doz.

Daffodils—Von Zion, best double-nosed, 3 in a 5¼-in. pot, $2 50 per doz.

Arancaria—Excelsa, 5¼ in. pots, 3 tiers, 50c; 4 to 5 in pots, slightly damaged, 25c and 30c to 40c; 6-in. pots 5 to 6 tiers, 22, 23 to 26 ins. high, $1.00, $1 25 and $1.50 each; extra large specimens, 8-in. pots, 28 to 35 ins. high, 27 to 35 ins. wide, perfect jewels, $3 00 to $5.50 each, worth easily $5.00 each.

Ficus Elastica—(Rubber plants), 6-in. pots, from 20 to 28 ins. high, $3 00, $4.00, $5 00 and $6.00 per doz.

Dracaena—Bruanti, 22 to 25 ins. high, good for decoration, 35c to 50c each.

Moon Vines—Smith's Hybrid, best in the world. $5.00 per 100, 2½-in. pots. To save express charges please state if pots are wanted.

All goods are shipped at purchaser's risk. Cash with all orders. Buyers coming to Philadelphia are respectfully invited to visit my place and inspect my stock before buying elsewhere. Take 13th or Germantown avenue car to Ontario street.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, Pa.
Bell Phone Tioga 3669 A.

Mention The Review when you write.

BUFFALO, N. Y.—Tony Wean, who had a bad fire at his greenhouses October 24, losing $2,300 on stock, without insurance, now has a good stock worked up again. He sells his product at the Chippewa market and has lately rented larger and better quarters there, which he is busy rebuilding to be in shape for the Easter trade.

All Your Easter flowers and plants will have an added charm, an added value, if you use the RIGHT RIBBONS on them.

"Right Ribbons" are special ribbons for florists. They are perfect in weave, uniform in quality and of superior lustre. The colors match perfectly the Foliages, Carnations, Roses, Violets.

And yet the prices are less, much less than the usual kind, for "you save all between profits" by buying direct from the mill.

The Pine Tree Silk Mills Company
Philadelphia

A postal will bring you the samples. Write to-day.

MONARCH—Satin Taffeta—Climax.
CONQUEROR—Metallique Taffeta—CYCLONE.

OFFICE AND SALESROOMS:
806-808-810 ARCH STREET.

Mention The Review when you write.

AZALEAS MY SPECIALTY All the best Varieties; 40 per cent Mme. Van der Cruyssen; 50 cents to $2.50 each.

Specimen Plants, $5.00 to $12.00 each.

HUGH GRAHAM, 104 South 13th St. **PHILADELPHIA**

Mention The Review when you write.

CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$6.00	$50 00	Glacier	$2 00	$20.00
Gov. Wolcott	4.00	35.00	Marquis	2.00	17 50
Nelson	3.00	25.00	Gov. Roosevelt	2.50	20.00
Estelle	3.00	25 00	Joost	2 00	15 00
Crane	2 50	20.00	Queen Louise	2 00	17.50
Lawson	2 50	20.00	Triumph	1 50	12 50

ROOTED CHRYSANTHEMUM CUTTINGS.

Kalb, Willowbrook, Polly Rose, Queen, Mrs. Jerome Jones, Timothy Eaton, Merry Christmas, Chadwick, Opah, Lady Harriet, Viviand-Morel, J. K. Shaw, Mrs. Coombes, Marie Calvat, Mrs. Murdock, Mrs. Perrin, Maud Dean, Pres. Smith, Woodford, Helen Bloodgood, Harry Parr, Robert Halliday, Mrs. E. D. Smith, Yellow Jones, Mayflower, Col. Appleton, Golden Wedding, Pennsylvania, Maj. Bonnaffon, Goldmine, Sunshine, R. H. Pearson. **Per 100.....$1.50**

BELL MILLER, Springfield, Ill.

Mention The Review when you write.

PACIFIC COAST.

OCEAN PARK, CAL.—About fifty persons are employed in the local carnation field of twenty acres.

AT Haywards, Cal., a Rhubarb Growers' Association has been organized to market the crops from some 700 acres planted to rhubarb.

LOOMIS, CAL.—A. Mitting has sold a half interest in the California Carnation Co. to Harry McGowan. It is the intention to greatly extend and enlarge the business.

SAN FRANCISCO, CAL.—F. A. Miller is retiring from the cut flower trade. Last week he sold his Market street store, known well locally as the California Floral Depot, to L. Wickstrom, a young man who several years ago was in Mr. Miller's employ. Two veterans in the trade, August Duhem and H. C. Leopold, formerly with the John H. Sievers Company, and later in the San Francisco trade with good success for their own account, have been engaged as Mr. Wickstrom's principal assistants.

THE PHOENIX.

In California certain species of phœnix attain their greatest size and luxuriance. Chief among them is P. canariensis, which all must admit is the queen of palms. It is hardy as far north as Oregon and none thinks of growing it as a house palm in the neighborhood of San Francisco. It is raised from seed and attains the height of two feet the second year, with several characteristic leaves. When planted in a situation that is sufficiently moist, as this variety likes considerable water, it will grow about three feet a season. The trees begin to bear seed at about their eighth or tenth year and after that when the pods drop the young plants will spring out by the hundreds if the surface of the ground is sufficiently moist. We have in San Francisco specimen trees of the P. canariensis thirty feet high and about the same distance across the foliage. They do very well as pot plants and will endure a great deal of neglect without showing much signs of it on the leaves. The tree commences to make a trunk as soon as it bears seed and our grand specimens in California are the wonder and delight of our eastern visitors.

I have planted in close proximity to the variety just described, several trees of P. reclinata. This is, I find, not as hardy or of as fast growth as the other,

500,000 Unrooted Carnation Cuttings.

WHITE.	Per 100	1000	5000
Queen Louise	$0.55	$ 5.00	$23.00
Norway	.55	5.00	23.00
PINK.			
Argyle	.55	5.00	23.00
Mermaid	.55	5.00	23.00
Marquis	.55	5.00	23.00
Lawson	1.00	8.00	35.00
Cressbrook	.75	6.00	25.00
Success	1.00	8.00	35.00

CRIMSON.	Per 100	1000	5000
Harlowarden	$1.50	$12.50	$50.00
Gen. Gomez	.55	5.00	23.00
VARIEGATED.			
Violania, 4-in. bloom, fine	6.00	50.00	.....
Marshall Field	1.50	12.50	60.00
Stella	1.50	12.50	60.00
Mrs. Bradt	1.00	7.50	35.00
Armazindy	.55	5.00	23.00

YELLOW.	Per 100	1000	5000
Golden Beauty	$0.75	$6.00	$25.00
Eldorado	.55	5.00	23.00
Gold Nugget	.60	5.25	25.00
SCARLET.			
America	.55	5.00	23.00
Mrs. Potter Palmer	.55	5.00	23.00
Apollo	.55	5.00	23.00

Cash or C. O. D. with privilege of examining. Express prepaid at above prices.

FOR ROOTED CARNATION CUTTINGS SEE LATE ISSUES OF THIS PAPER.

California Carnation Co., Lock Box 103, Loomis, Cal.

Mention The Review when you write.

although it is one of the most beautiful of the date palms. For the first few years I covered them with burlap each winter and even then the ends of the young leaves were bitten, but they have been planted now about five years and are strong enough to hold their own. P. reclinata is inclined to sucker somewhat here, but if it was a little more hardy it would be an ideal phœnix to plant in a limited space.

P. sylvestris grows slowly with us also but is perfectly hardy. It has not the long, drooping, graceful branches of the two varieties I have previously mentioned, but it is of a more stubby and compact growth and of a glaucous green color. The leaves and stems are exceptionally tough and wiry but I do not think it will ever become very popular here for ornamental planting.

We have several specimens of P. pumila here and were it not so tender it would be an ideal palm. When sheltered it grows a couple of feet a year and when ten feet high the trunk is not over six inches in diameter, after the style of a dracaena. It is very much valued in the southern portion of California but in the neighborhood of San Francisco it cannot be recommended for general planting. The same can be said of P. leonensis, which very much resembles P. canariensis in looks and habits of growth. P. tennis is a very graceful variety and makes a good pot plant. It is of fairly rapid growth but will not stand frost and consequently is not much cultivated here. The most graceful, however, of all the varieties that have to be kept in pots is P. rupicola. This variety makes splendid, arched branches, very wide spreading and is a splendid seller for a house plant. It is easily handled and good sized plants are always in demand. G.

SAN FRANCISCO.

Notes.

The florists are beginning to wonder whether the rain will ever stop. Last month we had only half a dozen days that were not showery and this month bids fair to be likewise. Violets are an awful glut and can be had as cheap as 3 cents a bunch, each bunch containing about 200 flowers. Bulbous stock, such as Sir Watkin and Princeps daffodils, can be had at any price from 50 cents to $1 per hundred for the finest quality of flowers, as this weather suits them to perfection. The white and yellow narcissi have entirely disappeared for the season and tulips are on the wane. Valley of good quality is plentiful and low in price. Harrisii and longiflorum are becoming plentiful and I think they will be cheap at Easter. Roses are scarce, owing to the continued dark weather, but there are enough to fill orders. The price remains about the same but will lower somewhat in case we get a spell of sunshine. Carnations are not over plentiful for the same reason and the price remains stationary. Freesias are getting scarce and short of stem and Dutch hyacinths are disappearing.

Azaleas in bloom are not so noticeable as they were a week ago and I am afraid they will not be in their prime at Easter. Several of our largest growers had poor success this season with imported plants. They were packed too dry and when the cases arrived here both leaves and flowerbuds had dropped off and to force them was, of course, out of the question, and they will have to be grown another year to get any results from them. No one but a dealer who imports from the east and Europe knows how much stock arrives in bad condition. It seems to be impossible to have goods packed so that they can be brought over the continent in the coldest weather and be opened up and found in good order. It takes usually about twenty-eight to thirty-five days to land boxes in San Francisco and as I said before, unless the boxes are well lined and plenty of moss or excelsior used we often have a big freight bill to pay for a mass of stuff that we consign to the rubbish heap.

Notes.

The Frank & Parodi Company have opened another store at 309 Geary street.

E. J. Bowen, the pioneer seedsman, was buried March 8. Mr. Bowen was 71 years of age and had accumulated a large fortune in his business.

Thos. Armstrong, of Fruitvale, has completed plans for a large park to be planted in Vacaville, from which place he has just returned. It calls for the planting of considerable shrubbery and flowering plants and a large area of grass lawn.

Frank Armanino has leased for six years the Chas. Haselbacher greenhouses in Oakland. G.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	2.50	25 00
Gov. Wolcott	3 40	30.00
Norway	1 00	9 00
Lillian Pond	5 00	45.00
Chicot	1 00	9.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1.40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	2 50	20.00
Pres. McKinley	3.00	25 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9.00

Scarlet	100	1000
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65.00
J. H. Manley	3.50	30.00
G. H. Crane	1.20	10.00
America	1 20	10.00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	3.00	25.00
Stella	3.00	25.00
Armazindy	.90	8.00
Gaiety	2.00	18.00
Prosperity	1.40	12 00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

WE PREPAY EXPRESS CHARGES and will ship C. O. D. with the privilege of examination; we assuming all responsibility of Cuttings arriving in good condition and proving satisfactory.

LOOMIS FLORAL CO., Loomis, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000
Queen Louise	$1.20	$10.00
Gov. Wolcott.	3.00	25.00
White Cloud..	1.00	9.00
Scarlet.		
America	1.00	9.00

Pink.	100	1000
Marquis	$1.00	$9.00
Mrs. Joost	1.20	10.00
Variegated.		
Armazindy	0.85	17.00
Prosperity	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention The Review when you write.

YOU CANNOT PRODUCE PRIZE WINNERS

With anything but Good Healthy Plants. Our success at Detroit March 2 broke all records. Get healthy, well-rooted Cuttings from us now, OF THE FOLLOWING VARIETIES:

	Per 100	Per 1000
CRUSADER, Scarlet	$10.00	$ 80.00
FLAMINGO, "	12.00	100.00
WHITE LAWSON, Pure White	12.00	100.00
LADY BOUNTIFUL, White	12.00	100.00
THE BELLE, White	12.00	100.00
MOONLIGHT, "	10.00	75.00
INDIANAPOLIS, Pink	12.00	100.00
VESPER, White	10.00	75.00
HARLOWARDEN, Crimson	4.50	40.00
LILLIAN POND, White	4.50	40.00
DOROTHY WHITNEY, Yellow	4.50	40.00

	Per 100	Per 1000
ESTELLE, Scarlet	$ 3.00	$ 25.00
MRS. HIGINBOTHAM, Light Pink	4.00	30.00
BOSTON MARKET, White	3.50	27.50
MARSHALL FIELD, Variegated	5.00	40.00
ENCHANTRESS, Light Pink	5.50	50.00
HER MAJESTY, White	4.50	40.00
PRES. McKINLEY, Dark Pink	4.50	40.00
GOV. WOLCOTT, White	4.00	30.00
MRS. LAWSON, Dark Pink	2.00	17.50
PROSPERITY	2.00	16.00
FAIRMAID	3.50	27.50

FIANCEE **Beautiful Clear Pink.** Judged as the FINEST CARNATION IN THE WORLD. Winner of LAWSON GOLD MEDAL and many other CUPS and MEDALS for past two years. To be disseminated next January. Orders booked now at the following rates: **$12.00 per hundred; $100.00 per thousand.**

CHICAGO CARNATION COMPANY, James Hartshorne Manager. JOLIET, ILL.

Mention the Review when you write.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. **CHATENAY**	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$7 00	$50 00
KAISERIN	4 00	35 00
LIBERTY	6 00	50 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 50	20 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN	3 00	25 00

WHITE.	Per 100	1000
GOV. WOLCOTT	$3 50	$30 00
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

Carnation Cuttings.

Well rooted from perfectly healthy stock. Inspection invited and satisfaction guaranteed.

Flora Hill, Mrs. Joost, Gen. Gomez, Eldorado, $1.50 per 100; $12.50 per 1000.

Lawson, Prosperity, G. H. Crane, Golden Beauty, Queen Louise, $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER, PLEASE.

C. W. BLATCHLEY,
PLANTSVILLE, - - - CONN.

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Always mention the Florists' Review when writing advertisers.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7.00 per 100.	$60.00 per 1000
Enchantress	6.00 "	.....
McKinley	4.00 "	30.00 "
Estelle	4.00 "	30.00 "
Nelson	3.50 "	30.00 "
Lawson	$2.50 per 100.	$20.00 per 1000
Queen Louise	2.50 "	20.00 "
Mrs. Bradt	2.50 "	20.00 "
Flora Hill	2.00 "	15.00 "
Mrs. F. Joost	1.50 "	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., **Philadelphia, Pa.**

Mention The Review when you write.

100,000 Grafted Rose Plants.

We are now grafting on Manetti the above amount, all from choice **flowering wood,** no blind wood used at all, and offer for sale, ready for delivery April 1st: — **Brides and Maids,** $12 per 100; $100 per 1000. **Liberty,** $15 per 100.

If you wish to improve your stock **give grafted plants a trial.** Come and see our plants and compare them with other growers.
We also offer **CHATENAY Rose Plants,** 2½-inch, $6.00 per 100; $50.00 per 1000.
ROSES — ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100. Kaiserin and Perles, $2.50 per 100.
ROOTED CARNATION CUTTINGS.
All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6.00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20.00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, **CHICAGO.**

DAVENPORT, IA.

The florists of the tri-cities met March 4 in this city and organized the Tri-City Florists' Society. C. Keur, of Hillegom, Holland, was present and addressed the meeting upon the subject of "Florists' Societies in Europe and Their Benefits." Mr. Keur was also elected an honorary member of the new society. Officers were elected and committees appointed as follows: President, John T. Temple, Davenport; vice-president, Mr. Staap, Rock Island; secretary, H. Meyer, Rock Island; treasurer, O. Arp, Davenport; corresponding secretary, Leo Ewoldt, Davenport; board of managers, Mr. Staack, of Moline; Mr. Saethje, of Rock Island, and Otto Klingbiel, of Davenport; committee on by-laws, H. Bills, Henry Pauli, Mr. Staack, Mr. Behring and Mr. Boehm.

MINNEAPOLIS.

Club Election.

At the annual meeting of the Minneapolis Florists' Club, a bowling club was formed which expects to take part in the national bowling contests at St. Louis this summer. Otto Will was made chairman of the bowling committee and the members will bowl the first and third Fridays of each month. The election resulted as follows: President, Tom Hall; vice-president, Otto Will; secretary, R. A. Latham; treasurer, E. Nagel; member of the executive committee, Jake Weisenstein. It was decided to meet the first Friday of each month. R. A. Latham offered the use of his store for the monthly meetings.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Storrs & Harrison Co., Painesville, O., submit for registration: Rose General MacArthur, hybrid tea originated in Indiana, a seedling of Marquis de Litta crossed with a seedling of unknown parentage; flowers large, on long stems, color vivid crimson; foliage deep green and very abundant; a strong grower, throwing up thick canes three to four feet high. Wm. J. Stewart, Sec'y.

Indianapolis!

Was there at the finish

When most of the other varieties were rapidly going to sleep, Indianapolis held up in splendid shape. There are two reasons for this. Indianapolis is a splendid keeper and we have not overfed nor overforced our stock. Our vase of 200 blooms was not entered for competition, that's why you did not see it mentioned among the prize winners, but it made a host of friends. We still have about 10,000 for March delivery. Fine healthy cuttings that will make fine stock for next winter's flowering. Will make you more money than any other pink carnation. Order at once. $2.50 per doz., $12.00 per 100, $100 per 1000.

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

Surplus Carnations

SAND-ROOTED

Subject to Examination.

	100	1000
White Cloud	$1.40	$12.00
Queen Louise	1.50	12.00
Prosperity	2.00	18.00
Bradt	2.00	18.00
Lawson	2.00	18.00
Crane	2.00	18.00
Joost	1.60	15.00

Sand rooted Marie Louise Violets after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.

Mention The Review when you write.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2.50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud, $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2½-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	8.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

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La DETROIT

BREITMEYERS' NEW ROSE

A SEEDLING OF TESTOUT AND BRIDESMAID

TO BE DISSEMINATED APRIL 1, 1904

COLOR—Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent. The full open flower discloses a vivid richness of coloring, rare and fascinating. **FRAGRANCE**—Subtle, strongly tea-scented; reminds one of old Bon Silene. **FORM**—Large cup-shaped, heavy petal, shell-like in formation. **GROWTH**—Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific. **ALL ORDERS BOOKED FILLED IN ROTATION, BEGINNING APRIL 1.**

IS SATISFACTORY TO THE GROWER, THE RETAILER, AND A A FAVORITE WITH THE FLOWER BUYING PUBLIC.

FOR GRAFTED PLANTS in 2½-inch pots.

1 Plant, each	$1.00
12 Plants, each	.75
25 Plants, each	.60
50 Plants and over and less than 100, each	.50
100 Plants and over and less than 1000, each	.40
1000 Plants and over, each	.35

3-inch pot plants, 5 cents each additional.

JOHN BREITMEYER'S SONS

GRATIOT AND MIAMI AVENUES, - - DETROIT, MICH.

Mention The Review when you write.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Joost	1.20	9 00
Lorna	1.50	12.00	America	1 50	12.50
White Cloud.	1.50	12.50	Flora Hill	1.50	10.00
Queen Louise	1.50	12.50	Mrs.P.Palmer	1.50	12.50
Prosperity				2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3.50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2 75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Stock Beauties (2-year-old)	10.00	
Stock Liberty (2-year-old)	10.00	
Asparagus Plumosus, 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,
NILES CENTER, Illinois.

Mention The Review when you write

YOUNG Rose Stock

Brides, Maids, Ivory, 2-in, $2.50 per 100; 2½-in., $3.50 per 100.
Perle, La France, Kaiserin, Wootton, 2-inch, $3 per 100; 2½-inch, $4 per 100.
Beauties, 2-in., $4 50 per 100; 2½-in., $6 per 100.
Soupert and Hermosa, 2½-in., $3 per 100.
500 EXTRA FINE HERMOSA, 2-yr. old, 3-inch pots, $5 per 100.
All rose stock two and three-eyed, shifted from 2-in. to 2½-in. **Healthy, clean stock.**

J. C. MURRAY, Florist, **PEORIA, ILL.**

Mention the Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.
Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in **May, June and July.**
Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, **Baltimore, Md.**

Mention The Review when you write.

CARNATION CUTTINGS

We now have ready good, well-rooted Cuttings from the following varieties:

	100	1000		100	1000
Enchantress	$6.00	$50	Eldorado	$2.50	$20
Fair Maid	3.00	25	Manley	4.00	30
Fragrance	6.00	50	Adonis	4.00	30
The Queen	5.00	40	Lawson	2.50	20
Boston Market	4.00	30	Joost	2.50	20
Gov. Wolcott	5.00	40	Harlowarden	6.00	50
Bradt	3.00	25	Harry Fenn	5.00	40
Prosperity	2.50	20			

New Varieties for 1904—

	100	1000
Nelson Fisher	$12.00	$100.00
Mrs. M. A. Patten	12.00	100.00

All selected cuttings from healthy stock. Send in your orders now and secure early delivery.

BACKER & CO.,
Long Dis. Tel. **BILLERICA, MASS.**

Mention The Review when you write.

A LEAN-TO.

I have a lean-to facing south, built against a building on the north. The house is 15x40 feet, twelve feet high on the north side and six feet on the south. I want to grow Lawson carnations and pink roses. What is the best way to divide the house for that purpose? What varieties of roses should I grow? Would steam or hot water be best for heating?

G. E. F.

To have the best success with Lawson carnations the night temperature should not exceed 52 degrees, while roses, such as Bridesmaid, Golden Gate and Ivory, which would be the most suitable varieties for such a house, do best at a temperature of 56 degrees. The house should be divided by a partition and an extra coil of independent pipe placed in the part devoted to roses. This style of house is a veritable sun trap and would require extra ventilators to prevent early deterioration of bloom, and in the section devoted to carnations early shading would have to be practiced. Steam being much easier controlled than hot water, and quicker in its action, would be the best method of heating.

Ribes.

Barnesboro, N. J.—Frederick Pope, who was a veteran of the trade, died March 9 of dropsy, aged 65 years.

Ashtabula, O.—H. Tong has sold a half interest in his business to DeForest Weeks, who has for three years been with Mr. Tong as manager. The firm will now be Tong & Weeks. They do a wholesale and retail trade, growing asparagus, smilax and carnations principally. Trade is good in this vicinity.

THE BEST NEW SCARLET CARNATION

The Cardinal.

Winner of FIRST PRIZE for 100 Scarlet and S. A. F. Medal and Certificate AT DETROIT.

TO BE DISSEMINATED NEXT SEASON BY

Chicago Carnation Co. Jas. Hartshorne, Manager. **Joliet, Ill.**

and Wm. Murphy, 130 E. 3rd St. Cincinnati, O.

At following rates — **$12** per 100; **$100** per 1000.

Mention The Review when you write.

NEW ROSES!

CARDINAL and ENCHANTRESS

CARDINAL—A cross between Liberty and an unnamed carmine seedling. A strong, robust grower, with large, massive crimson flowers, deliciously fragrant. Never shows an open center; keeping qualities first-class.

PRICE—2½-inch pots, $30.00 per 100. Not less than 50 sold, for the present.

ENCHANTRESS—A cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing. Every shoot produces a handsome, clear, pink flower which never fades out; a good keeper.

PRICE

2½ and 3-inch pots, $30.00 per 100.

Cash with Order. Stock Limited.

JOHN COOK,

318 N. Charles St., : : : BALTIMORE, MD.

Mention the Review when you write.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000
White Bradt...	$6 00	$50 00
Boston Market	4.00	35.00
Gov. Wolcott..	3.00	25.00
Innocence	2 50	20.00
Glacier	2 00	17.50
Norway.....	2.00	17.50
Lorna	2.00	17.50
White Cloud ..	1.50	12.50
Variegated.		
Mrs. Bradt.....	3.00	25 00
Prosperity.....	2 50	20.00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2.50	20.00
Gomez.....	1 50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3.50	$30.00
Floriana	2.50	20 00
Lawson.....	2.50	20.00
Marquis	2 50	20 00
Dorothy.....	2.00	17.50
Joost	2.00	17.50
Nelson	2.00	17.50
Triumph.....	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma.....	3.00	25 00
Morning Glory	2.00	17.50
Success.....	1.50	12.50
Red.		
Adonis	7.00	65 00
Manley.....	4.00	35.00
Estelle.	3.00	25 00
Crane.....	2.50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jauhn. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

ROSE PLANTS in 2½-in. pots Ready Now

UNCLE JOHN, per 100, **$20.00;** per 1000, **$150.00**

	Per 100	Per 1000
American Beauty.....	$6 00	$50 00
Bride	3 00	25 00
Bridesmaid	3 00	25 00
Golden Gate	$3 00	$25 00
Sunrise.....	5 00	40 00
Chatenay	6 00	50 00

Rose Cuttings, Well Rooted Ready Now

	Per 100	Per 1000
American Beauty.....	$3 00	$25 00
Bride.....	1 50	12 50
Bridesmaid	$1 50	$12 50
Golden Gate	1 50	12 50

THE BENTHEY-COATSWORTH CO., 35 RANDOLPH STREET, **CHICAGO.**

Mention the Review when you write.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000
Peru $1.50		$12.50
Lawson.....	1.50	12.50
Flora Hill...	1.50	12.50
White Cloud.	$1.50	$12.50
America	2.00	18.00
Estelle	2.00	18.00

Guardian Angel, $1.25 per 100; $10.00 per 1000.

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. **Chicago**

Salesroom: 60 WABASH AVE., Tel. Central 3067.

Mention the Review when you write.

THE QUEEN

Is a money maker sure. Best White Carnation in sight. Stock ready now, $5.00 per hundred, $40.00 per thousand.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

Mention The Review when you write.

Rooted Carnations, Mum and Rose Cuttings.

SPECIAL LOW QUOTATIONS. We Need Room. First-Class Goods.

	Per 100	1000
Gov. Wolcott, fine stock 56° temp....	$2.50	$20.00
Lillian Pond, white .	2.50	20.00
Enchantress, pink ..	5.00	45 00
Prosperity	$2 00	$16 00
Gov. Roosevelt	2.50	20.00
Mrs. Higinbotham..	2.20	20.00
Lorna	2.50	20.00
Mrs. Geo. Bradt	$2.50	$20.00
Palmer, red.....	2.20	16.00
Lawson	2.00	16.00
Flora Hill.....	1.50	12.00

7000 2½-inch Merry Christmas Mums, fine, $2.25 per 100. Other standard Mums in quantity after May 1. 200,000 Roses, 2½-inch, Maids Brides, Gates, Perles, Ivory, Chatenay; delivery May, June. All stock shipped out is guaranteed to please.

POEHLMANN BROS. CO., - - MORTON GROVE, ILL.

Mention The Review when you write.

Confidence is the basis

of all business. We try to keep the confidence of our patrons by sending out only such stock as we know will give satisfaction. As our growing capacity has been doubled by the addition of our new establishment at Edgebrook, Ill., we are in a better position than ever to send out good stock. Our favorable shipping location will save you money in freight and express rates and time in transit.

Just now we are **unusually strong on ASPARAGUS in all sizes, LATANIAS in 5s, 6s and 7s and KENTIAS in 5-inch; but in DECORATIVE PLANTS**

FOR EASTER SALES

We can recommend anything priced on this page.

WHOLESALE PRICE LIST:

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Latania Borbonica	5-in	14-16	4-6	....	$5.00	$37.50
" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1.25	....	....
" " strong	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6.00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12 in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4-in			....	1.50	12.00
" strong	4-in		3 plants in pot	....	2.00	15.00
"	5-in		3 plants in pot	....	3.00	22.00
"	6-in			....	4.50	....
" strong	6-in			....	6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" "	3-in			....	....	6.00
" "	4-in			....	1.50	10.00
Neph. Bostoniensis	2-in			....	....	3.50
" "	2½-in			....	....	4.50

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Neph. Bostoniensis	3-in			....	....	$8.00
" "	4-in			....	$2.00	15.00
" "	5-in			....	3.00	....
" "	6-in			....	6.00	....
" "	7-in			....	9.00	....
" "	8-in			....	12.00	....
" "	10-in			$1 50		....
Ficus Elastica	4-in	10-12		....	3.00	....
" "	5-in	14-18		....	6.00	....
Pandanus Veitchii	8-in	22		2.50		....
Pandanus Utilis	5-in	10-14		....	5.00	....
Cocos Weddeliana	3-in	10-12	4-5	....	2.50	....
Sanseviera Jav. Var	5-in			....	3 00	....
Poa Trivialis Var	3-in			....	....	6.00
Nephrolepis Piersoni	2-in			....	....	15.00
" "	6-in			1.25	....	....
" "	7-in			1.50	....	....
Anna Foster Ferns	10 in			2.50	....	....
Anna Foster Baskets	10-in			1.25	....	....
Sitolobium (Cyc.)	6-in			1.00	....	....
Cibotium Schiedei	6-in			2.00	....	....
Alsophila Australis	7-in			1.50	....	....
" "	8-in			2.50	....	....
" "	10-in			3.50	....	....
Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
" "	5-in			....	2 00	15.00
" "	7-in			....	6.00	....
Aspidium Ten.	4-in			....	1.50	12.00
" "	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
Ferns for dishes	good assortment			....	....	3.00
English Ivies	4-in			....	1.50	12.00

The GEO. WITTBOLD CO.

1657 Buckingham Place, L. D. Phones Lake View 557 and 558. **CHICAGO.**

NEW BEDFORD, MASS.

Business has been very good the past two weeks, it being quite an improvement over what we have had all winter.

A. B. Hathaway has been doing his own firing this winter and one night recently, when Andrew happened to stay away later than usual, he found, upon his return, a tramp occupying his bed. We have not yet found out who was the most frightened, the tramp or Andrew.

R. S. Hoxie, of Mattapoisett, is bringing in some of the finest white carnations that have been on the market for some time, variety Boston Market.

The annual meeting, supper and election of officers of the New Bedford Florists' Club was held at the Manuin House, March 10. The following officers were elected: President, E. Y. Pierce; vice-president, A. B. Hathaway; treasurer, W. L. G. Brown; secretary, Wm. Pierce; executive committee, R. S. Hoxie, S. S. Peckham and James H. Cleary. A. B. Hathaway read an essay, "Violets and What I Know About Them," which was written by E. Y. Pierce and was very interesting. Otto Sucher is to write an essay on bulbs, Dutch and American grown, for the next meeting.

Wm. Anderson, of Andersou & Williams, Waltham, and Mr. Bryant, of A. H. Hews & Co., Cambridge, were recent visitors. C.

A SHADED HOUSE.

I have a vacant piece of ground north of my dwelling and am thinking of building a greenhouse there, but about thirty feet of the greenhouse would be shaded until eleven or twelve o'clock. Would such a house be suitable for carnations? M. T. O.

The absence of sunshine during the forenoon would have a very weakening effect on carnations and would result in very weak stems, with flowers off color. Such a house might be suitable for palms, ferns and some kind of miscellaneous stock which requires a partial shade. To build on such a contracted space would be unsatisfactory, the conditions being decidedly unfavorable. Ribes.

Winchester, N. H.—Wm. F. Flint, who, besides being a florist, was a surveyor, died March 5 of pneumonia.

...ROOTED...

CARNATION

...CUTTINGS...

ENCHANTRESS

$6.00 per 100; $50.00 per 1000.

THE QUEEN

$5.00 per 100; $40.00 per 1000.

High Grade Cuttings of these two splendid varieties now ready.

Larchmont Nursery,

Larchmont, N. Y.

Mention The Review when you write.

ELIZABETH HOSS.

CANNAS.

THE EXPRESS.—Best dwarf Crimson; $1.50 per doz., $10.00 per 100, from pots.

ALCONA.—Resembles **The Express** but not as dwarf; 30c each, $3.00 per doz., from pots.

OSCODA.—Resembles **Queen Charlotte** but more dwarf; 30c each, $3.00 per doz., from pots.

ELIZABETH HOSS.—A very large flower of Florence Vaughan type. Dormant, $1.25 per doz., $8.00 per 100.

Standard Varieties

Two-eye dormant pieces, $2.00 per 100.

Chas. Henderson
Countess of Breteuil
Golden Bedder
Hofgartendirector Walther
J. Colette Rochaine
Mme. Alfred Blanc
Mme. Louis Druz
Pierson's Premier
Souv. de Mme. Nardy
Chas. Molin
Florence Vaughan
Herman Fisher
Leopard
Maple Avenue
Oscar Dannecker
Pres. Meyer

Many other standard sorts in stock. Descriptions and prices on application.

NATHAN SMITH & SON,

ADRIAN, - - - - MICHIGAN.

Mention The Review when you write.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Floreuce Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

Mention The Review when you write.

NEW LIGHT PINK CARNATION NEW DAYBREAK

TO THE COMMERCIAL GROWER who is looking for Profit

this variety is all that its name implies, and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed-out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000 Other new and standard varieties.

CHRYSANTHEMUMS. The best new American and foreign varieties and best standard sorts.

Write for price list.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burliugton, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at $2.00 per 100; $17.50 per 1000.

CASH WITH ORDER.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

DREER'S SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange. 40 ceots per dozen; $3.00 per 100; $25.00 per 1000.

Choicest Single Flowered in Mixture, 35 cents per dozen; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen: $5 00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

TWO GREAT TUBEROUS ROOTED BEDDING BEGONIAS

DUKE ZEPPELIN AND LAFAYETTE

See colored illustration of these two varieties on cover of our new 1904 Catalogue; they are the most brilliant among all the Begonias and invaluable either as pot plants or for bedding.

Duke Zeppelin, Pure Rich Scarlet, 15 cents each; $1.50 per dozen: $12.00 per 100.

Lafayette, Brilliant Crimson Scarlet, 25 cents each; $2.50 per dozen; $18.00 per 100.

NEW HYBRID FRILLED TUBEROUS BEGONIAS

A unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias. 25 cents each: $2.50 per dozen; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well-matured bulbs. Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

MISCELLANEOUS BULBS

	Per doz.	Per 100.	Per 1000
Amaryllis Formosissima	$0.30	$ 2.00	$15.00
Johnsonii	2.00	15.00	
Amorphophallus Rivieri	2.00	15.00	
Caladium, Fancy Leaved, 25 named sorts	1.25	10.00	
Choicest Mixture	1.00	8.00	
Esculentum, 6 to 8-inch bulbs	.40	3.00	
Esculentum, 8 to 10-inch bulbs	.65	5.00	
Esculentum, 10 to 12-inch bulbs	.90	7.00	
Esculentum, 12 to 13-inch bulbs	1.25	10.00	
Hyacinthus Candicans	.30	2.00	
Ismine Calathina	1.50	10.00	
Lilium Auratum, 8 to 9-inch	.75	5.00	
" " 9 to 11-inch	1.00	8.00	
" " 11 to 13-inch	1.75	14.00	
Lilium Speciosum Album and Rubrum, 7 to 9-inch	.90	6.00	
Gladiolus, American Hybrids, choicest mixture	.15	1.00	9.00
Groff's Hybrids, choicest mixture	.35	2.50	22.00
Madeira Vines	.30	2.00	15.00
Montbretias, 5 choice named varieties	.25	1.75	12.50
Tigridia Conchiflora, Grandiflora Alba and Pavonia	.30	2.00	15.00
Tuberoses, Double Pearl, selected, 6 to 8-inch	.20	1.00	8.00
Double Pearl, fine, 3 to 4-inch	.10	.60	5.00

For a complete list of all seasonable Bulbs, including the best list of up-to-date Dahlias, see current Wholesale Price List.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

Surplus Stock

Special prices as long as surplus lasts.

All A-1 stock, from 2¼-in. pots; not less than 500 of any one variety, $15.00 per 1000.

Geraniums—Jean Viaud, Mme. Landry, Mme. Jaulin, Mme. Charrotte, Single Gen. Grant and Granville.

Salvia—Bonfire, Splendens and Silverspot.

Coleus—Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

Argeratum—Stella Gurney and Dwarf White.

Hardy English Ivy and **Holt's Mammoth Sage.** Cash must accompany the order.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

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Cycas Revoluta!

For delivery now and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs., assorted.....$60.00
500 " " 32.50
100 " " 7.50

Above goods are offered f. o. b. railroad freight depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

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DAHLIAS...

Comprising some 500 varieties mixed, all the different classes; by the 1000 or less; whole clumps, or divided or single tuber; field-grown, and in good condition.

Watertown Dahlia Farm,
WATERTOWN, CONN.

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Chrysanthemums....

PINK.	Per 100	WHITE.	Per 100
Bentley	$2.00	Alice Byron	$4.00
Mrs. Coombes	2.00	Adrian	1.50
Mrs. Chamberlain	2.00	Chadwick	2.00
Marie Liger	5.00	Calvat '99	3.00
K. C. Star	2.00	Convention Hall	5.00
YELLOW.		Mme. Cadbury	3.00
Robt. Halliday	1.50	Mrs. Robinson	1.00
Mrs. H. Emmerton	4.00	Mrs. Tranter	3.00
F. J. Taggart	3.00	**BRONZE.**	
Mrs. F. J. Taggart	2.00	Edgar Sanders	2.00

Prices are for rooted cuttings. Plants from 2¼ x 3¼-in. pots 1c each extra. Five of a kind at 100 rate, but no order filled for less than $1.00. Send for list of 50 choice varieties including novelties of 1901.

W. A. CHALFANT, SPRINGFIELD, MO.

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SEASONABLE STOCK.

GERANIUMS (2 and 2½-in.), S. A. Nutt, A. Ricard, Gen. Grant, Beauty Po tevine, E. G. Hill, La Favorite, and mixed, per 100, $2.25.

	Per 100		Per 100
Petunias, 2½-in	$2.25	Rose-scented Geranium, 2½-in	$2.50
Heliotrope, 2-in	2.00	Salvias, 2-in	2.00
Ivy Geranium, 2-in	2.00	Cuphea, 2-in	2.00
German Ivy, 2½-in	2.25		
English Ivy, 3-in	3.50		

ROOTED CUTTINGS.

	100	1000		100	1000
Petunias	$1.00	....	Alyssum	.60	....
Heliotrope	1.00	....	Feverfew	.75	....
Coleus	.75	6.00	Vinca Var	.75	7.00

White Ten-weeks' Stocks, from flats, stocky plants, $6.00 per 1000. CASH, PLEASE.

Converse Greenhouses, Webster, Mass.

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LIGHTNING FLOWER POT WASHER

washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15 net, f. o. b. Joliet. **C. E. FINLEY, Joliet, Ill.**

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NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent: color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N. Y.
Jamaica Post Office, Woodhaven Station.

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BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100.

COLEUS Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100.

Mixed, $5.00 per 1000; 60c per 100.

Small Privet.

Asparagus Plumosus Nanus, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in, $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. FOSTER, 45 King St., Dorchester, Mass.

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BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18 00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2-in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

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New Crop **ASPARAGUS PLUMOSUS AND SPRENGERI SEED** Special quotations on large quantities

HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.

Grafted Roses on Manetti Stock. **Easter Plants** Write for descriptive price list.

BRIDESMAID, BRIDE, GOLDEN GATE, IVORY, FRANZ DEEGEN, $15 per hundred; $120 per thousand.

SAMUEL S. PENNOCK, 1612 LUDLOW ST., **PHILADELPHIA.**

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Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

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PITTSBURG.

Various Notes.

Business as a whole has shown little change over my last week's report. Stock of all kinds is arriving in large quantities and prices are low.

The forecast on the lily supply for Easter is very satisfactory. The local growers report the stock in the best of condition. The supply will be ample to meet all demands.

John Bader reports a good demand for palms and ferns, and advance orders for blooming plants for Easter delivery are good.

The Pittsburg Cut Flower Co. is handling some very fine Easter lilies. Mr. Langhans speaks very encouragingly on the outlook for Easter business.

The Pittsburg Rose & Carnation Co. will be in full crop for Easter. The Maids, Brides and carnations which they are now cutting are exceptionally fine.

Patrick Maier is sending the Cut Flower Co. quantities of very fine tulips.

Geddis & Blind Bros. are very well pleased with business. Their store is located near the new Wabash terminal. This will add considerably in the way of transient trade to their business.

L. I. Neff has his windows filled with fine blooming plants of his own forcing.

Over in Allegheny E. C. Ludwig is being kept busy with funeral work.

G. & J. W. Ludwig say Lent has not affected their business this season. Julius Ludwig has just returned home from New York, where he has been buying Easter novelties.

One of the prettiest and most costly decorations of the season was executed by Breitenstein & Flemm last week. They transformed a very large ballroom into a garden, which was really a wonderful imitation of the real thing. The effect of hundreds of illuminated Japanese lanterns swung among bay trees, palms and wild smilax, and low masses of blooming azaleas and cinerarias grouped promiscuously, was beautiful. Also bamboo latticed pavilions covered with vines added much to the garden effect. It required twenty large cases of smilax for the decoration. Hoo-Hoo.

Syracuse, N. Y.—A delivery wagon of P. R. Quinlan & Co. caught fire on a recent evening from the explosion of an oil stove used instead of the usual wagon heater. The fire department was called out and extinguished the blaze.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica, 12 inches high, **$2** per doz.; **$15** per 100.
15 inches high, **$2.50** " **$20** "
20 to 24 inches high.....**$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**
SPRINGFIELD, OHIO.
THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

FERNS - BOSTON and PIERSONI

POT-GROWN PLANTS. FINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.
Piersoni—2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.
Alternantheras—Red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on larger quantities. CASH WITH ORDER.

DAVIS BROS.,
MORRISON, ILL. AND GENEVA, ILL.

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DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Axaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.
E. J. VAWTER, President. Ocean Park, Cal.

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Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

...NEW...
Chrysanthemums.

W. DUCKHAM, MILDRED WARE, BEN WELLS, F. A. COBBOLD, S. T. WRIGHT, Mrs. F. W. VALLIS and all other prize winners now ready for immediate delivery.

Grand Stock from 2½-inch pots.

We are Headquarters for these
Wells-Pockett Varieties.
Send for Price List.

CHAS. H. TOTTY - MADISON, N. J.

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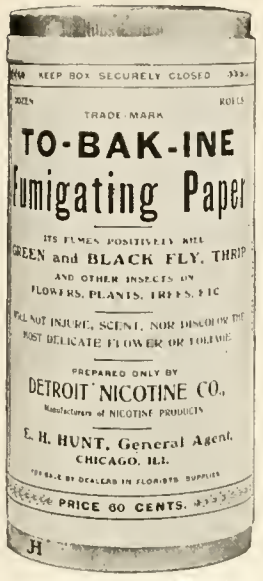

TO-BAK-INE

FUMIGATING PAPER.

SCARBOROUGH, N. Y., Feb. 3, 1904.

"We wish to say that your To-Bak-Ine Fumigating Paper is the most satisfactory agent for the destruction of Green Fly that has ever been brought to our notice. It is clean, quickly applied and effective. As you know, we have been heavy buyers of this product, all of which has been used in our own greenhouses. And as 'actions speak louder than words' we think no further recommendation on our part is necessary."

F. R. & P. M. PIERSON.

One box (12 rolls), 60c; One case (144 rolls), $6.50

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W. W. RAWSON & CO., 12 Faneuil Square, Boston, Mass.
HENRY F. MICHELL CO., 1018 Market Street, Philadelphia, Pa.
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WM. F. KASTING, 481 Washington St., Buffalo, N. Y.
JOHN H. DUNLOP.....5 W. King St., Toronto, Ont.
WM. BRINKER....329 Prospect St., Cleveland, Ohio.
MICHIGAN CUT FLOWER EXCHANGE, 26 Miami Ave., Detroit, Mich.
E. H. HUNT.....76-78 Wabash Ave., Chicago, Ill.
HOLTON & HUNKEL, 457 Milwaukee St., Milwaukee, Wis.
ST. LOUIS SEED CO., 615 N. Fourth St., St. Louis, Mo.
BARTELDES & CO.....1521 15th St., Denver, Colo.
E. W. McLELLAN & CO., 144 Union Square Ave., San Francisco, Cal.

DETROIT NICOTINE CO., Detroit, Mich.

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COLEUS, SALVIAS AND OTHER ROOTED CUTTINGS

Coleus—Verschaffelti, Golden Bedder and Firebrand	$0.75 per	100
	6.00 "	1000
Ten best sorts, bright colors, in variety	.60 "	100
	5.00 "	1000
Salvias—Splendens and Bonfire	1.00 "	100
	9.00 "	1000
Heliotropes—Light and Dark	1.00 "	100
	9.00 "	1000
Argeratum—Stella Gurney	.60 "	100
	5.00 "	1000
Lobelia—Fancy Blue (the best)	.60 "	100
	5.00 "	1000
Water Ivy	.60 "	100
Sweet Alyssum—Giant Double	.60 "	100
	5.00 "	1000
Marguerites—White and Yellow	1.00 "	100
Lemon Verbena	1.00 "	100
Asparagus—4-inch, very strong; good stock for Easter	8.00 "	100
Chrysanthemums—"Estelle," best early white; true stock	1.50 "	100
	12.00 "	1000

All strong, well rooted, well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage. No order filled for less than $1.00. CASH WITH ORDER, please.

"CRITCHELL'S," AVONDALE, CINCINNATI, O.

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Dayton Floral Co.

DAYTON, OHIO.

20,000 ASTERS The best of Carlson's 3 Colors, Michell's Purity and Vick's Newest, ready for 3-inch pots, at 50 cents per hundred; bloom in June.

10,000 COLEUS All varieties; extra fine, from sand, 40 cents per hundred.

5,000 IMPATIENS Scarlet Gem, 50 cents per hundred.

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100,000 PANSIES

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted, 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame; extra large plants coming in bud, $1.00 per 100. **Mammoth Verbenas**, stocky plants, 60c per 100; $5.00 per 1000. **ASPARAGUS PLUMOSUS**, from flats ready for potting, $2.00 per 100; $18 per 1000. **Maidenhair Ferns**, 4-in., $1.25 per doz. **Dracaena Indivisa**, 5-in., $20 per 100.

SAMUEL WHITTON, - - 15-17 Gray Ave., UTICA, N. Y.

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CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa**, strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias**, 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa**, 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST Quakertown, Pa.

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Geraniums

	Per 100.
10 varieties, 2-in. pot, $2.50; 2½-in	$3.00
10 varieties, 3-in. pot	4.00
Alternantheras, red and yellow, April 10	2.00
Double Petunias, 2-in.	3.00
100 Pelargoniums, 2-in.	3.00

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vioes, 2-in.	2.50
Verbena, 2-in.	2.00
E. Crocker and F. Hill, 2-in.	2.50
Asparagus Sprengeri, April 1	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $6.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

Mention Review when you write.

JULIUS ROEHRS,

Grower of

Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.

RUTHERFORD, N. J.

Mention The Review when you write.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

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AA STOCK

GERANIUMS. Finest named vars. grown, strong and bushy 3-in., our selection, $5.00 per 100. Better order if you want something really fine.

LOBELIA Emperor William, the very finest dwarf blue, grown from cuttings, strong and bushy, full of cuttings, 2-inch, $2.00 per 100. Better order early.

PELARGONIUMS. Fancy var., mixed, strong, well branched, 3-inch, $6.00 per 100.

Nothing but First-Class Stock.

Cash—Extras added liberally.

John F. Rupp, Shiremanstown, Pa.

THE HOME OF PRIMROSES

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PANSY PLANTS Large flowering, nice, stocky plants, $2.50 per 1000, 250 at 1000 rate, 50c per 100, postpaid. **Single Dahlias**, separate colors, mixed, $3.00 per 100. **Alternantheras**, red and yellow, R. C., 50c per 100; 2½-in., $2.00 per 100. **Moonvines**, 2½-in. pots, strong, $3.00 per 100. **Carnation**, R. C., inquire for prices and varieties. CASH, PLEASE.

HENRY ERNST & SON,
WASHINGTON, MO.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

ALTERNANTHERAS.

Alternantheras, 6 varieties, 2¼-in. pots, $2.00 100; $17.50 1000.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Alternantheras Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, red and yellow. Rooted cuttings, 50c 100; 2½-in., $2.00 100.
H. Ernst & Son, Washington, Mo.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneseo, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 10, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

AQUATICS.

Nymphaea zanzibariensis, dentata, devoniensis and cometalla, strong, dormant on started bulbs, 20c each, or $10.00 per 100. Egyptian lotus, 20c each. Water hyacinth, $2.00 per 100. Parrot feather, 2 cents. Water lettuce, 2 cents. Water poppy, 3 cents.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots, 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100, $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, exhibition plants, 4, 5, 6 and 7-in. pots, 15c, 25c, 35c and 75c each. Others 2½-in., 3c; 3-in., 5c; 4-in., 8c. Asparagus plumosus nanus, 3-in., $6.00 100.
J. H. Boruhoeft, Tipton, Ind.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus plumosus, fine plants, 3-in. ready for 4-in., $5.00 per 100.
Miller Greenhouse, Weber Bros. Props., Ironton, Ohio.

Asparagus Sprengeri, 3-inch, ready for 4a, $5.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus for sale, 2 and 3-in., or will exchange for roses and carnations.
Robert Buck & Co., Greenfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus, 4-in., strong; good stock for Easter. $8.00 100. Critchell's, Avondale, Cincinnati, O.

Sprengeri, from flats, $1.00; 3-in., $4.00 per 100. C. Winterich, Defiance, O.

Asparagus Sprengeri, April 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Fancy 3-in. Sprengeri, to close, $3.50 100.
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Sprengeri, 2-in., $1.00 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Asters. The best of Carlson's, three colors; Michell's Purity, and Vick's Newest, ready for 3-in., 50c 100. Will bloom in June.
Dayton Floral Co., Dayton, O.

Olmstead's "White Commercial" is the best commercial aster ever produced. Write for circular and prices.
C. A. Olmstead, East Bloomfield, N. Y.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BEGONIAS.

Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100. Aurea maculata, 2-in., $4.00 per 100. Plain green maculata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia ricinifolia maculata, 2½-in., $5.00 per 100. C. W. Baker, Springfield, Ohio.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Begonia Vernon, from soil, $1.00 per 100.
Hugo Book, Worcester, Mass.

Rex begonias, 4-in., $6.00; 5-in. $12.00.
W. H. Parsil, Summit, N. J.

BULBS.

Caladium esculentum—elephant's ear.

			100	1000
11 to 14	in.	circ.	$6.00	$50.00
9 to 11	in.	circ.	4.50	35.00
7 to 9	in.	circ.	2.00	15.00
5 to 7	in.	circ.	1.50	10.00

C. B. Johnson, Wallace, N. C.

Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.
Gloxinia crassifolia erecta, giant flowering. Mixed—First size, 1-in. and over, 40c doz., $3.25 100; large size, 1¼ to 1½-in., 50c doz., $4.00 100; extra large, 1½ to 2-in., 65c doz., $4.75 100. White, blue, spotted, extra large, 1½ to 2-in., 75c doz., $5.00 100. Scarlet Defiance, extra large, 75c doz., $5.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Fancy caladiums, $8.00 per 100. Amaryllis Johnsoni, $10.00 100. Crinums in 15 varieties. Musa rosea, strong, dormant roots, $3.00 per 100. Queen lily, $2.00 per 100. Antigonon leptopus, 75c per 12.
B. M. Wichers & Co., Gretna, La.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Caladiums, 4-6 in., $1.00 100; 6-8 in., $1.75; 8-10 in., $3.00; extra large, $5.00.
Amaryllis equestria, 1-2 in. dia., 35c doz.; 2-3 in., 50c.; small, 25c. Cash with order.
E. E. STONE, Dickinson, Tex.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Cold storage Harrisii, finest Bermuda, case, 400 bulbs, 5x7, $7.00; 1000, $15.00. Case, 300 bulbs, 6x7, $7.00; 1000, $20.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Bulbs and tubers. Write us for prices.
W. C. Beckert, Allegheny, Pa.

CANNAS.

The Empress, the best dwarf crimson, from pots, $1.50 doz., $10.00 100.
Alcona, resembles The Empress, but not as dwarf, from pots, 30c ea., $3.00 doz.
Oscoda, resembles Queen Charlotte, but more dwarf, from pots, 30c ea., $3.00 doz.
Elizabeth Hoss, large flower of Fl. Vaughan type, dormant, $1.25 doz., $8.00 100.
Standard varieties, 2-eye dormant pieces, $2.00 100—Chas. Henderson, Countess of Breteuil, Golden Bedder, Hofgartendirektor Walther, J. C. Rochaine, Mme. A. Blanc, Mme. L. Druz, Pierson's Premier, Souv. de Mme. Nardy, Chas. Molin, F. Vaughan, Herman Fisher, Leopard, Maple Avenue, Oscar Dannacker, Pres. Meyer.
Many other standard sorts in stock. Descriptions and prices on application.
Nathan Smith & Son, Adrian, Mich.

Pres. McKinley	Kronos	Robusta
Pres. Cleveland	Ad. Dewey	Egandale
Chas. Henderson	Peach Blue	L. Vaughan
Alphonse Bouvier	R. Christie	Mlle. Berat
Ex. Crampbell	Defender	America
Chicago	Eisele	Shenandoah
Duke Marlboro	Berckmans	Burbank
Fl. Vaughan	Alsace	Eldorado
Fl. Vaughan (dwarf)	Black Prince	Mme. Crozy
Paul Marquant	Avellan	
	Alemaania	

Empress of India, fine pink. $1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100.	Pres. Cleveland.
Bassett's Red, $3.00 100.	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	Souv. de A. Crozy.
Florence Vaughan.	

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

The new canna EMIL WIELAND, the best scarlet canna yet produced. Strong plants from 3½-in. pots, 35c each, $3.00 per 10, $25.00 per 100. 50 at 100 rate.
Phoenix Nursery Co., 1408 No. Park St., Bloomington, Ill.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bonvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

200,000 Canna roots. Alemannia, Alsace, Austria, Burbank, Coronet, Chas. Henderson, Chris. Viard, Denil St. Geroy, Flaccida, F. Vaughan, Jasksonii, J. C. Vaughan, John Laing, Madame Crozy, Maurice Mussey, Paul Marquant, Peachblow, Queen Charlotte, Robusta, Shenandoah and other new and rare varieties, $6.00 to $12.00 per 1000. Freight prepaid to New York, Boston or Philadelphia.
Griffing Brothers Co., Jacksonville, Fla.

Cannas, fine stock, live and plump; every piece will grow; absolutely true to name. Order now and have shipment made by freight. Martha Washington, Mlle. Berat, L. Patthey, Francois Reif, Pres. Cleveland, Chas. Henderson, Secy. Chabanne, at $1.25 per 100. Alemanuia and Burbank, at 75c per 100.
Will exchange for carnations, geraniums, roses, asparagus, ferns, etc.
Mrs. Theodora S. Ellis, Griffin, Ga.

Chas. Henderson, Bouvier, Robusta, P. Marquant, Austria, $1.00 100; $8.00 1000. J. D. Eisele, Egandale, Beaute Poitevine, $1.50 100; $12.00 1000. Mrs. Kate Gray, $3.00 100; $25.00 1000. Cash with order.
E. E. STONE, Dickinson, Tex.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

New canna, WEST VIRGINIA, the earliest and best bloomer yet produced, strong roots, $1.50 per 100; stock limited. Chas. Henderson, $1.25 per 100. A. Bouvier, $1.25 per 100.
Gus Obermeyer, Parkersburg, W. Va.

Cannas, strong tubers, 1 to 3 eyes, dormant, all sound. Fl. Vaughan, Chas. Henderson, Mme. Crozy, $1.50 per 100. About 500 of each must be ordered at once. Cash.
N. P. Colberg, Morris, Ill.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bonvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hageuburger, West Mentor, O.

Cannas Alemannia, Giant Crimson, Burbank, $1.25 per 100. Egandale, $1.50 per 100.
J. Sanstrom, Momence, Ill.

Canuas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas, strong plants, 2 to 3 eyes, $2.00 per 100. Cash, please.
B. F. Muschert, Penn Valley, Pa.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., Weat Grove, Pa.

CARNATIONS.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	Fair Maid	$3.00	$25
Fragrance	6.00	50	Boston M'rk	4.00	30
The Queen	5.00	40	Wolcott	5.00	40
Bradt	3.00	25	Prosperity	2.50	20
Eldorado	2.50	20	Manley	4.00	30
Adonis	4.00	30	Lawson	2.50	20
Joost	2.50	20	Harlowarden	6.00	50
Fenn	5.00	40	N. Fisher	12.00	100
Patten	12.00	100			

All selected cuttings from healthy stock.
BACKER & CO., Billerica, Maas.

Rooted carnation cuttings of
Enchantress $6.00 100; $50.00 1000
The Queen 5.00 100; 40.00 1000
High-grade cuttings of these splendid varieties now ready.
Larchmont Nurseries, Larchmont, N. Y.

Special low prices for 10 days on rooted carnation cuttings.

Pink	100.	1000.	5000.
Lawson	$1.25	$12.00	$50.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.00	8.00	35.00
Red.			
Crane	2.00	18.00	80.00
Estelle	2.50	20.00	
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	
White.			
Hill	1.00	8.00	35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	
Norway	1.25	10.00	40.00
Wolcott	3.00	25.00	100.00
Light Pink.			
Higinbotham	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.
THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise.	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill	1.50	12.50	G. Angel.	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnation rooted cuttings.

White—	100	Pink—	100
The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	3.00
White Clond	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Red—		Dorothy	2.00
Mrs. P. Palmer	3.00	Sunbeam	2.50
J. H. Manley	4.00	Morning Glory	1.50
Oriole	2.50	Mrs. Joost	1.25
G. H. Crane	2.00	Daybreak	1.25
Jubilee	1.50	Wm. Scott	1.25
Portia	1.25	Crocker	1.25
Yellow—		Mermaid	2.00
D. Whitney	5.00	Floriana	1.50
Buttercup	3.00		
Gold Nugget	2.00	Crimson—	
Eldorado	1.25	Harry Fenn	5.00
Variegated—		Gov. Roosevelt	2.50
Prosperity	2.50	Gen. Maceo	1.50
Mrs. G. M. Bradt	3.00		

J. L. Dillon, Bloomsburg, Pa.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise.	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	2.50	25.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.00	9.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.00	9.00	Crane	1.20	10.00
V. Alleu	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	H'lowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	3.00	25.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	2.50	20.00	Armazindy	.90	8.00
P. McK'ley	3.00	25.00	Gaiety	2.00	18.00
Prosperity	1.40	12.00			

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Euchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market, $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
W. Cloud	1.50	12.50	Hill	1.50	10.00
Q. Louise.	1.50	12.50	Palmer	1.50	12.50
			Mrs. Ine	1.25	9.00

Cash with order, please.
John Brod, Niles Center, Ill.

Rooted carnation cuttings.

White.	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. M'ket	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Marquis	2.50	20.00
Glacier	2.00	17.50	Dorothy	2.00	17.50
Norway	2.00	17.50	Joost	2.00	17.50
Lorna	2.00	17.50	Nelson	2.00	17.50
W. Cloud	1.50	12.50	Triumph.	1.50	12.50
Variegated.			Light Pink.		
Bradt	3.00	25.00	Fairmaid.	3.00	25.00
Prosp'ity	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory.	2.00	17.50
Stella	2.50	20.00	Success.	1.50	12.50
Red.			Crimson.		
Adonis	7.00	65.00	G. R'velt	2.50	20.00
Manley	4.00	35.00	Gomez	1.50	12.50
Estelle	3.00	25.00	Maceo	1.50	12.50
Crane	2.50	20.00			

W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnations. Well rooted, healthy cuttings of the following varieties:

Pink—	100	1000	White—	100	1000
Lawson	$1.50	$12.50	Murphy's		
Nelson	2.50	20.00	White	$3.00	$25.00
G'o Angel.	1.25	10.00	Wolcott	3.50	30.00
H'botham.	2.00	15.00	Flora Hill.	1.25	10.00
Sybil	3.00	25.00	Wh. Cloud	1.25	10.00
McKinley	3.00	25.00	Peru	1.25	10.00
Joost	1.25	10.00	Q'n Louise	1.25	10.00
Red—			Norway	1.25	10.00
Estelle	2.50	20.00	Gov.L'ndes	3.00	25.00
Mrs. Ine	1.25	10.00	Marion	1.25	10.00
Chicago (Red Bradt)	2.00	15.00	Variegated—		
H'low'den.	3.00	25.00	Bradt	2.00	15.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

500,000 unrooted carnation cuttings.

Yellow.	100.	1000.	White.	100.	1000.
G. Beauty	$0.75	$6.00	Q. Louise	$0.55	$5.00
Eldorado	.55	5.00	Norway	.55	5.00
Gold Nugget	.60	5.25	Pink.		
Variegated.			Argyle	.55	5.00
Violania	6.00	50.00	Mermaid	.55	5.00
Field	1.50	12.50	Marquis	.55	5.00
Stella	1.50	12.50	Lawson	1.00	8.00
Bradt	1.00	7.50	Cressbrook	.75	6.00
Armazindy	.55	5.00	Success	1.00	8.00
Scarlet.			Crimson.		
America	.55	5.00	Harlowarden	1.50	12.50
Palmer	.55	5.00	Gen. Gomez.	.55	5.00
Apollo	.55	5.00			

Cash or C. O. D. with privilege of examining. Express prepaid at above prices. See displayed adv. for special low price on 5000 of one variety.
California Carnation Co., Box 103, Loomis, Cal.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt.	$2 50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt.	2.50	20.00	America	2.50	20.00
W. Cloud.	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity.	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory.	2.50	20.00	G. Nugget.	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

FIANCEE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1,000, $100.00.

	100.	1000.		100.	1000.
Crusader.	$10.00	$80.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W.Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful.	12.00	100.00	Wolcott	4.00	30.00
The Belle.	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity.	2.00	16.00
Ind'npolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den.	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market.	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Carnation cuttings. Healthy, well-rooted stock.

	100.	1000.		100.	1000.
Pond	$5.00	$40	Her Majesty.	$5.00	$40
Wolcott	4.00		Q. Louise	2.00	18
Enchantress	6.00	50	Queen	5.00	40
Fairmaid	3.00	25	Prosperity	3.00	25
Lawson	3.00	25	Estelle	4.00	30
Adonis	8.00		Nelson	3.50	30
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty	3.00	25
M. Field	5.00		Hill	1.50	12
Joost	1.50	12			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.
Can also furnish all other good varieties.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Clond	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

CARNATIONS—Continued.

Carnations. Rooted cuttings.

	100	1000		100	1000
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	0.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	—
Mrs. Joost	2.00	15	J. H. Manley	3.00	—

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name. EVENDEN BROS., Williamsport, Pa.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$14.00	W. Cloud	$1.75	$15.00
Dorothy	1.50		Hill	1.50	12.50
Joost	1.25	10.00	Crane	1.75	15.00
Marquis	1.50	12.50	Prosperity	1.50	14.00
Glacier	1.75	15.00			

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	—

Isaac H. Moss, Govanstown, Md.

Carnation cuttings.

	100.	1000.		100.	1000.
Ench'tress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. W'cott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. R'velt.	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

Bell Miller, Springfield, Ill.

We need the room. First-class goods.

	100	1000		100	1000
Wolcott	$2.50	$20.00	Lorna	$2.50	$20.00
Pond	2.50	20.00	Bradt	2.50	20.00
Enchant	5.00	45.00	Palmer	2.20	16.00
Prosperity	2.00	16.00	Lawson	2.00	16.00
G. R'velt	2.50	20.00	Hill	1.50	12.00
H'botham	2.20	20.00			

Poehlmann Bros Co., Morton Grove, Ill.

Surplus carnations, sand rooted. Sent subject to examination.

	100.	1000.		100.	1000.
W. Cloud	$1.40	$12.00	Bradt	$2.00	$18.00
Q. Louise	1.50	12.00	Lawson	2.00	18.00
Prosperity	2.00	18.00	Crane	2.00	18.00
Joost	1.60	15.00			

A. Lanb & Son, Hoghsonville, N. Y.

Rooted carnation cuttings, first-class stock.

	100.	1000.		100.	1000.
Q. Louise	$1.20	$10.00	Marquis	$1.00	$.900
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armaziudy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.

C. Akehurst & Son, White Marsh, Md.

The new light pink carnation NEW DAY-BREAK will commend itself to the commercial grower who is looking for profit; it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.

H. Weber & Sons, Oakland, Md.

Carnations, extra fine stock.

	100.	1000.		100.	1000.
Ench'tress	$4.75	$45.00	Prosperity	$1.60	$15.50
Qoeen	3.50	30.00	Lawson	1.60	15.50

Also other varieties at equally low prices. Cash with order.

B. Merkel & Sons, Carlstadt, N. J.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$1.50	$12.50	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.00	18.00	Estelle	2.00	18.00
G. Angel	1.25	10.00			

H. Hansen, 4016 No. Clark St., Chicago.

Having a surplus of rooted cuttings of Joost carnations, I offer to sell at $1.00 per 100 or exchange for the following varieties: Peru, Her Majesty, America, Roosevelt, Crane or Mrs. H. Weeks mum cuttings.

S. S. Brenneman, Webb City, Mo.

Carnations, 2½-in. pots.

	100.	1000.		100.	1000.
Her Majesty	$6	$50	Harlowarden	$6	$50
Lawson	5	40	Prosperity	5	40

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.

Crown Point Floral Co., Crown Point, Ind.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.

Baur & Smith, W. 38th, Indianapolis, Ind.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.

W. W. Coles, Kokomo, Ind.

Carnation cuttings, well rooted. Hill, Joost, Gomez, Eldorado, $1.50 100; $12.50 1000. Lawson, Prosperity, Crane, G. Beauty, Q. Louise, $2.00 100; $18.00 1000.

C. W. Blatchley, Plantsville, Conn.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.

Sidney Littlefield, North Abington, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted cuttings of Flora Hill, Lawson and Peru, extra fine stock, $9.00 per 1000. Will exchange some of them for a few White Clouds.

A. L. Randall Co., 19-21 Randolph St., Chicago.

Two new white carnations for 1904. LADY BOUNTIFUL and THE BELLE. The two best commercial sorts. Price, $12.00 100; $100.00 1000. F. Dorner & Sons Co., Lafayette, Ind.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Boxton, Nashua, N. H.

Carnation rooted cuttings. 800 Lawson, 800 Prosperity, 500 Marquis, 500 F. Hill and 1000 Joost, $1.00 per 100; $9.00 per 1000.

E. B. Lewis, Lockport, N. Y.

Carnation plants, 2½-in. pots. Norway, Prosperity, Cloud, Gaiety, Glacier, Crane, Adonis, Joost, Scott, Alba, Enchantress.

Mrs. W. S. Whiting, Corliss, Wis.

Crane, the best standard red carnation; healthy stock, strong well-rooted cuttings, $1.50 100; $12.50 1000.

H. N. Eaton, South Sudbury, Mass.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.

C. C. Pollworth Co., Milwaukee, Wis.

The Queen is the best white carnation in sight. Stock ready now. Price, $5.00 100; $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Phila.

Ethel Crocker, rooted cuttings, $1.00 100. Cash.

Port-au-peck Greenhouses, Long Branch City, N. J.

Clean, well-rooted cuttings of Joost, Hill, Crocker, McGowan; while they last, 85c 100.

Wm. B. Lovell, Sahula, Iowa.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.

Wm. Swayne, Box 226, Kennett Square, Pa.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.

The Dingee & Conard Co., West Grove, Pa.

Mrs. Fisher carnation for summer blooming, fine 2-in., $2.50 100; $20.00 1000.

Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.

Eugene Bernheimer, 11 So. 16th St., Phila.

Carnations, Joost, transpl. from flats, extra fine, $1.25 per 100, prepaid.

G. A. Thiele, Frankford, Phila., Pa.

Rooted carnation cuttings. Send for prices and varieties.

H. Ernst & Son, Washington, Mo.

Carnations. Crocker and Hill, 2-in., $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

CHRYSANTHEMUMS.

NEW CHRYSANTHEMUMS, Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Chrysanthemums. Rooted cuttings and 2-inch.

White.	R. C., per 100.	2-inch. per 100.
Timothy Eaton	$2.00	$3.00
W. H. Chadwick	2.00	3.00
White Bonnaffon	1.50	2.50
Minnie Wanamaker	1.50	2.50
Geo. S. Kalb	1.50	2.50
Estelle	1.50	2.50
Mrs. Robinson	1.50	2.50
Ivory	1.50	2.50
Merry Christmas	1.50	2.50
Yellow.		
Golden Wedding	1.50	2.50
Golden Beauty	1.50	2.50
October Sunshine	1.50	2.50
Col. Appleton	1.50	2.50
Major Bonnaffon	1.50	2.50
Pink.		
Mrs. Murdock	1.50	2.50
Viviand-Morel	1.50	2.50
Mrs. Perrin	1.50	2.50
Glory of Pacific	1.50	2.50

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

Cash with order or references from unknown parties.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Yanoma, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, Mrs. Coombes, from sand, $2.00 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, white; Willowbrook, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.

G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100.

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.

H. N. EATON, South Sudbury, Mass.

Rooted chrysanthemum cuttings, $1.50 100.

Kalb.	V. Morel	Harry Parr
Willowbrook	J. K. Shaw	R. Halliday
Polly Rose	Mrs. Coombes	Mrs. E. D. Smith
Queen	M. Calvat	Yellow Jones
Mrs. J. Jones	Mrs. Murdock	Mayflower
T. Eaton	Mrs. Perrin	C. Appleton
M. Xmas	Maud Dean	G. Wedding
Chadwick	Pres. Smith	Pennsylvania
Opah	Woodford	M. Bonnaffon
Lady Harriet	H. Bloodgood	Goldmine.
Sunshine	R. H. Pearson	

Bell Miller, Springfield, Ill.

Chrysanthemums. Wm. Duckham, grand stock, 3-in. pots, 75c each, $7.00 doz. Souvenir de Calvat, 50c each, $5.00 doz. Josephine Rousset, Mlle. V. Morel, 25c each. Lovelliness, 15c each. Mrs. H. V. Casey, M. Richardson, Durban's Pride, C. J. Salter, F. S. Vallis, $1.00 doz. Mrs. J. Jones, R. C., $1.25 100. Mlle. M. Liger, R. C., $3.00 100.

G. A. Lotze, Jr., Glen Burnie, Md.

Well-rooted cuttings of The Queen, $1.25 per 100; Golden Wedding, $1.50 per 100. 10 per cent off for cash with order.

J. S. Stremler, Princeton, Ky.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.

Chase & Son, New London, O.

Chrysanthemums. All the new and standard varieties at lowest prices.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums, rooted cuttings and pot plants. Send for my list of 50 choice varieties.

W. A. Chalfant, Springfield, Mo.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.

A. Rasmussen, New Albany, Ind.

70 best varieties of chrysanthemums. Send for list and prices.

The Dingee & Conard Co., West Grove, Pa.

7,000 2½-in. Merry Christmas, fine, $2.25 100.

Poehlmann Bros Co., Morton Grove, Ill.

Chrysanthemums, young plants, $2.50 per 100.

The McGregor Bros. Co., Springfield, Ohio.

Chrysanthemums, 25 varieties, $1.00 per 100.

R. Merkel & Sons, Carlstadt, N. J.

CINERARIAS.

Cinerarias, 6-in., in bloom, now or for Easter, $3.00 doz.

Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Clematis Jackmanii, field-roots, $12.00 per 100. Sample mailed for 15 cents.
O. H. Drew, Hibernia, New York.

Clematis paniculata, 2½-in., $3.00 100; 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

Clematis, 6 distinct kinds, 2-year, $2.00 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus rooted cuttings, 15 bedding varieties, including Verschaffeltii and Golden Bedder, 60c 100, $5.00 1000; 2¼-in. pots, $2.00 100, $15.00 1000. All orders filled in rotation from April 1.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Coleus in assortment, 2-in., $2.00 per 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy, but very finely mottled) in assortment, 5oc per doz.; separate, 60c.
N. O. Caswell, Delavan, Ill.

Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.
Frank A. Pierson, Cromwell, Conn.

Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
The Livingston Seed Co., Columbus, O.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
L. H. Foster, Dorchester, Mass.

Coleus in 10 varieties, 2-in., 35c doz. Rooted cuttings, 75c per 100. Fine assortment.
Elmhurst Nursery, Argentine, Kan.

12 good var., 2-in. pots, $2.00 100. Rooted cuttings at 70c 100, $6.00 1000. Cash.
J. H. Fiesser, 415 Summit Av., W. Hoboken, N. J.

Coleus, red, yellow and mixed varieties, in 2-in. and rooted cuttings. Write
Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus rooted cuttings, 10 best varieties, 50c 100.
W. H. Humfeld Floral Co., Kansas City, Mo.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash. S. D. Brant, Clay Center, Kan.

Coleus cuttings, 6 leading varieties, $7.00 per 1000. J. C. Murray, Florist, Peoria, Ill.

Coleus, all varieties, extra fine from sand, 40c 100. Dayton Floral Co., Dayton, O.

Coleus cuttings, 10 varieties, $8.00 per 1000. The McGregor Bros. Co., Springfield, Ohio.

Coleus, 10 varieties, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Coleus. 15 var., 2-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica (Japan cedar), the novelty decorative pine. Strong stock, 2-in., $5.00 100, or a sample of 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1000 lbs., assorted, $80.00; 500 lbs., $32.50; 100 lbs., $7.50.
F. W. O. Schmitz, Prince Bay, N. Y.

CYCLAMEN.

Cyclamen. My own strain, the best that can be raised in Giants, once transplanted, $2.00 per 100, $18.00 per 1000; 2¼-in. pots, excellent stock, 5 colors, $4.00 per 100; $30.00 per 1000. A few 3 and 4-in. blooming primroses and 3-in. obconicas for Easter, 6c and 10c.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, twice transplanted, 6 to 9 leaves in four different colors, $4.00 per 100, prepaid.
G. A. Thiele, Frankford, Phila., Pa.

Cyclamen gig., twice transplanted, 4 to 6 leaves in 4 different colors, $4.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

DAHLIAS.

Dahlias. Mrs. Winters, the world's best white, $18.00 per 100. Ingeborg Egeland, the best scarlet cactus, $5.00 per doz. Up-to-date standard varieties, $6.50 per 100.
Send for catalogue of dahlias, hollyhocks and hardy herbaceous plants.
W. W. WILMORE, Dahlia Specialist, Box 382, Denver, Colo.

DAHLIAS. Pot-roots for immediate shipment. Every section, including the popular CACTUS Dahlias, $4.00 per 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 per 100.
Special offer of 12 Cactus dahlias—Alpha, Artus, Floradora, Galliard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows and Vista; 1 of each, $1.20; 6 of each, $5.50; 12 of each, $10.00; 100 of each, $80.00. These prices include free delivery by parcel post.
New seedling Cactus dahlias, 12 distinct varieties, all new and certificated by the Dahlia Societies in England—Aunt Chloe, C. G. Stredwick, Flamingo, Gabriel, Ophir, Miss Grace Cook, Mrs. J. P. Clarke, Mrs. A. F. Perkins, Mrs. H. J. Jones, Mrs. Edw. Mawley, R. Dean and Sailor Prince; one of each, $2.00; 6 of each, $10.00; 12 of each, $19.00. These prices include free delivery by parcel post.
White Dahlias for cutting—Lord Roberts (Cactus), $8.25 per 100; Purity (Cactus), $ 1.25 per 100; Winsome (new), $1.25 each; Guiding Star (pompon), $8.25 per 100. These prices include free delivery by parcel post. Cash with order.
Send for our 144-page catalogue; it's free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer at $5.00 per 100. Can furnish in large quantity.
O. B. STEVENS, Shenandoah, Iowa.

DAHLIA KRIEMHILDE. The great new cactus which will supersede all others for cutting. 30c each, $3.50 per doz., $25.00 per 100. For the choicest, most complete and up-to-date list of dahlias see our new catalogue.
HENRY A. DREER, Philadelphia, Pa.

Dahlias. 60,000 field-grown clumps of cactus, show, decorative, pompon and single varieties. Best named sorts. No job lot, but prices equally low.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Single dahlias—mixed—size of pot-grown roots—extra fine strain—almost endless variety of form and color—$1.50 per 100; $10.00 per 1000. Very small roots, half price. Cash.
Wm. F. Bassett & Son, Hammonton, N. J.

Dahlias. Seedsmen and florists wishing to keep up to date will be well paid for sending for my trade list. I am listing 108 new varieties, all under name.
J. K. Alexander, East Bridgewater, Mass.

Dahlia roots, $5.00 100; $40.00 1000. Plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, 25 named varieties. Good tubers. Fine for cut flowers; show, cactus and pompons. Named var., $5.00 per 100. Mixed var., $4.00 per 100. Elmhurst Nursery, Argentine, Kan.

Dahlias. A fine collection of show, decorative, cactus and pompons. Field-grown roots, $6.00 per 100, $50.00 per 1000. Send for list.
Vick & Hill Co., Rochester, N. Y.

Dahlias. Choice crowns of Nymphaea, A. D. Livoni, Snowclad, Prince Charming, Strahlen Krone and others, $2.00 100, $15.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Dahlias, some 500 varieties, mixed, by the 1000 or less. Whole clumps, divided or single tuber. Field-grown and in good condition.
Watertown Dahlia Farm, Watertown, Conn.

Dahlias, large field-grown clumps of finest mixed, $2.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

Single Dahlias, sep. colors, mixed, $3.00 100. Cash, please.
H. Ernst & Son, Washington, Mo.

25 leading varieties of dahlias. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

50,000 field clumps named. Send for list.
Benj. Connell, West Grove, Pa.

DAISIES.

Daisies. Strong September transplanted English daisies (Snowball and Longfellow), wintered in frames and now in bud and bloom, fine for Easter, at $1.00 100; $7.00 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Bellis, mostly in bud and bloom, from flats, mixed colors, $1.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

DRACÆNAS.

DRACAENA INDIVISA.

3-inch pots, $0.75 doz.	$ 6.00	100
4-inch pots, 2.00 doz.	15.00	100
5-inch pots, 2.50 doz.	20.00	100
6-inch pots, 3.50 doz.	25.00	100

HENRY A. DREER, Philadelphia, Pa.

Dracaena indivisa, 3-inch, $5.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Dracaena indivisa, 18 to 22 inches high, $6.00 per 100.
Harvey B. Snow, Camden, New York.

Dracaena indivisa. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Dracaena indivisa, 2-in., strong, $2.25 100.
E. I. Rawlings, Quakertown, Pa.

Dracaena indivisa, strong 4-in., $6.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Dracaena indivisa, 5-in., $20.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

EASTER PLANTS.

Easter lilies, 10c per bud and flower. Hydrangeas, pink, very fine, 3, 5 and 6 flowers, $6.00, $8.00 and $10.00 doz. Spiraeas, 6-in., $4.00 doz. Hyacinths, mixed colors, $10.00 100. Tournesol tulips, red and yellow, 3 in a 4-in. pot, $1.40 doz. Daffodils, 3 in a 5-in. pot, $2.40 doz. Rubbers, 6-in., $4.00 doz. Boston ferns, 6-in., $4.00 doz. Begonia Vernon, 4-in., $1.40, 5-in., $2.50, 6-in., $4.00 doz. A. Sprengeri, 4-in., $1.20 doz. Araucarias, 4 tiers, 75c, 5 tiers, $1.00 ea. Kentias, 3 ft., $1.00 ea. Periwinkle, 4-in., $10.00 100. Cash.
S. V. Smith, 63 Goodman St., Rising Sun, Philadelphia, Pa.

EASTER PLANTS.
40,000 BLOOMING PLANTS FOR EASTER.
Crimson Ramblers, unique designs, extra fine, $1.00 to $25.00 each.
Hydrangeas, finest in the market, $1.00 to $5.00 each.
Lilium Longiflorums, 12 to 15c per bloom.
Hyacinths, in pans, $12.00 per doz.
Azaleas, 75c to $15.00 each.
Hybrid roses, $5.00 per doz. and up.
Spiraeas, $4.00 per doz. and up.
Rhododendrons, $1.00 to $15.00 each.
Also a large assortment of palms and other ornamental plants. Cash. H. C. STEINHOFF,
578 Hudson Boul., West Hoboken, N. J.

LILIES FOR EASTER.
In pots or cut, 10c per bud.
Fine stocky plants just right for your retail trade. If you have greenhouses, order early and have them shipped in bud. Daffodils, Trumpet narcissi, tulips, and hyacinths, 6-in. pans, 25c; 8-in. pans, 50c and 75c. Hyacinths in 5-in., fine, 12c. Azaleas, spiraeas, Azalea mollis, etc. Central shipping point; all goods carefully packed. Terms cash.
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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

PETUNIAS.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Double petunias, 15 different varieties. Dreer's sets and others, $1.50 per 100.
B. Merkel & Sons, Carlstadt, N. J.

Petunias, 2½-in., $2.25 100. Rooted cuttings, $1.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double petunias, 2-in., $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Double-fringed petunias, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Mexican primrose from 2½-in., $2.50 per 100. Cash with order.
H. J. Blanchard, Ashburnham, Mass.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Primula obconica, in bloom, $1.80 doz.
Godfrey Aachmann, 1012 Ontario St., Phila.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

California privet, one-year, branched, 12 to 18-inch, $7.50 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

If in need of small privet, write
L. H. Foster, Dorchester, Mass.

ROOTED CUTTINGS.

Rooted cuttings. COLEUS—Verschaffeltii, Golden Bedder and Firebrand, 75c 100, $6.00 1000; 10 best sorts, bright colors, in var., 60c 100, $5.00 1000. SALVIAS—Splendens and Bonfire, $1.00 100, $9.00 1000. HELIOTROPES—Light and dark, $1.00 100, $9.00 1000. AGERATUMS—Stella Gurney, 60c 100, $5.00 1000. LOBELIAS—Fancy blue (the best), 60c 100, $5.00 1000. WATER IVY—60c 100. SWEET ALYSSUM—Giant double, 60c 100, $5.00 1000. MARGUERITES—White and yellow, $1.00 100. LEMON VERBENAS—$1.00 100. CHRYSANTHEMUMS—Estelle, the best early white, true stock, $1.50 100, $12.00 1000.
All strong, well-rooted stock and well packed. Satisfaction guaranteed. If by mail add 10c 100 for postage. Cash.
Critchell's, Avondale, Cincinnati, O.

Rooted cuttings at 50c per 100, blue lobelias. At 75c, dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, 3-in. Sprengeri, 3-in. vincas and Boston runners.
J. A. WIBE, Box 125, Downers Grove, Ill.

Rooted cuttings of Impatiens Sultani, Anthemis coronaria, $2.00 100, prepaid.
S. W. Pike, St. Charles, Ill.

ROOTED CUTTINGS—Continued.

Rooted cuttings. Ageratums—Gurney, Pauline, White; Alternantheras—red and yellow, 50c per 100. Double petunias—15 kinds, $1.00 per 100. Salvias—Splendens, Bonfire, Silver Spot; Stevia var.; Vinca var., 90c per 100. Hardy Pink—5 best kinds, 75c per 100. Fuchsias—5 kinds, $1.25 per 100. Prepaid. Cash.
Byer Bros., Chambersburg, Pa.

Coleus, 75c 100, $6.00 1000. Alyssum, 60c 100. Feverfew, 75c 100. Vinca var., 75c 100, $7.00 1000. White ten weeks' stocks from flats, stocky plants, $6.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

R. C. of 15 var. of coleus. Best salvias. White, Pauline and Gurney ageratums, at 60c per 100, delivered free.
Wm. H. Stenger & Son, Groveville, Ohio.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	4.00	35.00	Perle	3.00	25.00
Liberty	6.00	50.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	7.00	60.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

CHOICE GRAFTED STOCK. We are now grafting on Manetti, all from choice flowering wood, and offer for sale, April 1 delivery, the following: Bride and Bridesmaid, $12.00 per 100, $100.00 per 1000; Liberty, $15.00 per 100.
Rose plants—Chatenay, 2½-in., $6.00 per 100; $50.00 per 1000.
Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100; Kaiserins and Perles, $2.50 per 100.
Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses in 2½-in. pots—	100	1000
American Beauty	$6.00	$50.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Golden Gate	3.00	25.00
Sunrise	5.00	40.00
Chatenay	6.00	50.00
Uncle John	20.00	150.00
Rose cuttings, well rooted—	100	1000
American Beauty	$3.00	$25.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50
Golden Gate	1.50	12.50

The Denthey-Comtsworth Co., 35 Randolph St., Chicago, Ill.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

ROSE PLANTS, 2½-INCH STOCK.

	100.	1000.		100.	1000.
Brides	$3.00	$25.00	Kaiserins	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.
Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Stock Beauties, Liberties, $10.00 100. Cash.
John Brod, Niles Center, Ill.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $3.00 per 100; $30.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write
Geo. A. Kuhl, Pekin, Ill.

Rose plants, 2-inch stock.

100.	1000.		100.	1000.
Bridesmaid $3.00	$25.00	G. Gate	$2.50	$20.00
Bride 3.00	25.00	Ivory	2.50	20.00
Perle 3.00	25.00			

Rooted rose cuttings.

Bride	1.50	12.50	Maid	1.50	12.50
G. Gate	1.50	12.50	Ivory	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean, healthy stock. 2-in., $5.00 per 100; $40.00 per 1000. 3-in., $6.00 per 100; $50.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Francis Deegen, $18.00 per 100.
Ready April 1st.
S. J. Reuter, Westerly, R. I.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

The grand new red rose, Etoile de France (hybrid tea), the queen of the red roses for forcing, is a brilliant color and is much more vigorous and is easier to grow than Liberty. Description, prices and condition of sale sent free on application to the raiser.
J. Pernet-Ducher, Venissieux, Lyons, France.

Rose plants from 2¼-inch pots.

	100	1000
Bridesmaid	$3.00	$25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00
Ivory	4.00	

Geo. W. Waterfield, Chestnut Hill, Phila., Pa.

AMERICAN BEAUTIES, strong 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.
White and Pink Maman Cochet, $25.00 per 1000.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100.
J. L. Dillon, Bloomsburg, Pa.

Rose plants in 2½, 3½ and 4-in. pots, now ready. Beauties, Brides, Maids, Gates, Ivory, Perles, Kaiserins, Meteors and Woottons.
Mrs. W. S. Whiting, Corliss, Wis.

Grafted roses on Manetti stock, $15.00 100; $120.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine disbudded plants. Prices and samples upon application.
Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.
L. B. Coddington, Murray Hill, N. J.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Brides, Maids, Ivory, Perle, fine 2½-in stock, $3.00 100; Beauties, $5.00 100.
J. F. Ammann, Edwardsville, Ill.

Roses. Strong Brides and Maids, 2-in., $2.50 per 100. Satisfaction assured.
Paul O. Tauer, Lebanon, Ind.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100.
F. A. Baller, Bloomington, Ill.

Kaiserin roses, good plants, 3-in., $8.00 100. Cash.
C. E. Meehan, Mt. Airy, Phila., Pa.

H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Rubbers, 20 and 25c each.
W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias. Surplus stock. Special price of $15.00 1000, cash, as long as stock lasts. Not less than 500 of one variety. All A 1 stock from 2¼-in. For varieties see special adv. in this issue.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Bonfire, 2¼-inch., $1.50 per 100. Rooted cuttings, 85c per 100.
Burnell & Totman, Randolph, Vt.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

Salvias, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Salvia Bonfire, from soil, $1.00 100.
Hugo Book, Worcester, Mass.

SEEDS.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.
Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Asplophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

	100.	1000.
Asparagus plumosus nanus	$0.85	$7.00
Asparagus plumosus robustus	1.00	9.00
Asparagus plumosus decumbens	.60	5.00
Asparagus scandens deflexus	1.25	10.00
Asparagus Sprengeri	.15	1.00
Fresh smilax seed, pkt., 10c; oz., 20c; lb., $1.75.		
Musa cusete, banana	1.00	8.00
Shasta daisy, improved	.20	1.00

H. H. Berger & Co., 47 Barclay St., N. Y.

New crop Salvia splendens, Clara Bedman or Bonfire, per trade pkt., 25c; oz., $2.25. Asparagus plumosus nanus, per 100 seeds, $1.00; 1000, $7.00; 5000, $6.50 per 1000. Giant Shasta daisy seed, per 100, 15c; 1000, 85c; 5000, $3.75. New crop smilax seed, per oz., 20c; ¼-lb., 60c; lb., $2.00. Write for our florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Asclepias tuberosa, delphiniums, 12 var. Diacthus barbatus, Hunt's best of all; digitalis or fox gloves, 12 varieties. Lobelia cardinalis, stock limited (X). Primula elatior, gold laced (X), Forbesi or Baby primrose (X). Hollyhocks, white and yellow, double extra. A few pounds each of the above, except those marked X. Trial pkt., 10c each.
Chas. Long, 277 Jefferson Ave., Rochester, N. Y.

Chater's hollyhock seed, 6 superb double colors, 70c per oz., 40c per ½ oz. Allegheny, $1.00 per oz., 60c per ½ oz. Ficifolia, double hollyhock, NEW, $1.00 per oz. Single hollyhock, 10 distinct colors, 60c per ½ oz. Cash.
John Charlton & Sons, Rochester, N. Y.

Flowers from our improved strain of Semple's Branching Aster seed command the best price in the cut flower market. Colors—blue, lavender, white, pink, scarlet, and mixed. Trade pkt., 30c; oz., $1.00.
Henry F. Michell Co., 1018 Market St., Phila.

Palm Seeds. New crop Cocos Weddellana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Extra selected aster seeds, 50c per oz., prepaid by mail. Large-branching white, with about 10 per cent pink; large-branching pink, with about 10 per cent white; white, pink and lavender, mixed.
Th. F. Van der Meulen, Dunkirk, N. Y.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

CHOICE FLOWER SEEDS, CROP 1903. Asparagus Sprengeri, 15c per 100; $1.00 per 1000. Complete stock florists' flower seeds.
J. C. Murray's Seed Store, 420 South Adams St., Peoria, Ill.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.
C. Holst, opp. Greenwood Cemetery, New Orleans, La.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.
S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants, from 2¼-in. pots, $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMALL FRUIT PLANTS.

Strawberry plants, nearly 50 var. New and old sorts. 10,000 grape vines. 100,000 raspberry plants, leading var. It will pay you to get our catalogue.
Elmhurst Nursery & Fruit Farm, Argentine, Kan.

"Strawberry plants that grow." Standard sorts, $1.75 to $3.00 1000. Also grape, raspberry, blackberry and currant plants. Catalogue free.
C. E. Whitten, R. D. No. 10, Bridgman, Mich.

The McPIKE GRAPE. Send to headquarters for genuine vines. Largest, hardiest, most delicious, most prolific grape known.
Edwin H. Riehl, North Altoo, Ill.

SMILAX.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax, large, bushy plants, out of 2½-in.; $1.00 100; $8.00 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRÆAS.

Spiraea japonica, $3.00 100; S. compacta multiflora, $3.50 100.
F. W. O. Schmitz, Prince Bay, N. Y.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $2.00 per 100.
Paul O. Tauer, Lebanon, Ind.

VEGETABLE PLANTS.

Cabbage, cauliflower, lettuce, tomatoes, celery and pepper plants. Not seed-bed plants, but strong, stocky transplanted plants that will be ready to put in the field. All the leading varieties. Send for price list to Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—Io forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. All plants are transplanted; free from disease and insects. J. Wakefield, Charleston and Early Summer cabbage, and Grand Rapids lettuce plants, $2.50 per 1000. Beauty, Stone and Henderson tomato plants, and Moss Curled parsley plants, $4.00 per 1000, express not prepaid.
Small mailing size, not transplanted, one-half price of transplanted plants, we pay postage.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Lettuce, Big Boston, from cold frame, $1.00 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Order now, tomatoes, cabbage, cauliflower and egg plants. Get our prices.
Hammerschmidt & Clark, Medina, O.

Lettuce plants, $1.25 per 1000. Tomato, $1.25 per 1000. J. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Mammoth fancy, mixed verbena plants from seed bed, ready to pot, 40c per 100, 300 for $1.00, postpaid.
A. B. Campbell, Cochranville, Pa.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Verbenas, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIBURNUMS.

Viburnums, collected. Cassinoides, dentatum, lantanoides, 6 in. to 2 ft., $8.00 per 1000; lentago, 4 ft. to 8 ft., bushy, good roots, $3.00 per 10, $15.00 per 100.
L. E. Williams, Nottingham, N. H.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

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Vinca variegata, large plants ready for 5-inch pots, or can be divided, $7.50 100; 2¼-inch, $2.50 100. Cash.
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Vinca var, vines, 2-in., $2.50 100. Cash.
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Marie Louise, unrooted cuttings from clean, healthy plants, $4.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
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Converse Greenhouses, Webster, Mass.

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WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
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GALAX LEAVES, green or bronze.
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Siebert's zinc "Never-rust" glazing points, Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

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Gold fish. 3-yr. old spawners, 50c pair; 2-yr. old, 35c pair. Common gold fish, 2-yr., $10.00 per 100. Long tail, 2-yr., $15.00 per 100. Common fan-tails, 2-yr., $20.00 100. The fish here offered are all 5 to 8 in. long. Please take notice that we are entirely sold out of the smaller size and will have no more to offer until June 1. C. Pommert, Amelia, Ohio.

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Fresh tobacco stems, $1.50 per bale.
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Red pots. Write for prices and sample pot.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Wire stakes. All sizes, all lengths.
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Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

PREVENTS FROST ON WINDOWS.

This has been a bad winter for the storekeeper in more ways than one. And one of the ways has been the frosting of the show windows. Burning gas in the windows to keep off the frost is unsatisfactory. Many storemen run electric fans in the windows and this in a measure keeps down the ice, but it is detrimental to the stock in the window. For this purpose the Pharmaceutische Zeitung recommends the application of a mixture consisting of 55 grams of glycerine dissolved in one liter of 62 per cent alcohol, containing, to improve the odor, some oil of amber. As soon as the mixture clarifies, it is rubbed over the inner surface of the glass. This treatment, it is claimed, not only prevents the formation of frost, but also stops sweating.

THE USRS OF SOOT.

Market gardeners around London have the greatest faith in the usefulness of soot. Not only does it act as a rich stimulant and manure to recuperate the much-worked, and severely tasked soil, but it is a great purifier of the ground, sweetening it, ridding it of grubs, and warding off mice. It is not an infrequent sight to observe these districts almost black from the liberal supplies of soot which they are afforded. As regards mice, in some gardens they are a very great nuisance; time and again I have noticed peas on their first day's showing through the earth looking thick, healthy, and all that could be desired, when, perhaps, the very succeeding day reveals an exactly opposite state of affairs. One night has done the damage, and, alas! past recall. Had a good sowing of soot (I am inclined to think the thicker the better) been made either together with the peas, or sprinkled to a full inch on the top of the row, the crop would doubtless have come up intact, and been safe, if protected with peaguards till the latter danger of bird attack when the haulm is swelling.

Mice also attack beans quite underground, and an effectual remedy advocated by some, though a tiresome process one would think, is to redlead each seed. Soot, however, is efficient, and, indeed, is good for wellnigh all smaller seeds, whether cabbage, onion, or carrot, sufficing to keep off grubs of every kind. In the case of surface sprinkling, if heavy rains wash the soil clean, a subsequent dose is easily afforded, while the black dressing will have gone into the ground to sweeten and stimulate the staple. Soot, moreover, may be liberally shaken upon plants themselves, advisedly, of course, when wet, otherwise it fails to stick, thus deterring blight, caterpillars, slugs and snails from creeping up and devouring the tender stalk or leaflets. I have sometimes made a ring of soot round a marrow, or other plant, which I knew a snail was visiting by night, and found it an effectual barrier to a subsequent visit. Both slugs and snails are "death" on young cauliflower, melon, lettuce, and cucumber; while they are by no means averse to zinnias, dahlias, and the annunciation lily, stripping the latter two, indeed, mercilessly, and often killing them outright by entirely eating through the stem. Curiously enough I have never found either of them, or, in fact, any insect attack tomatoes, of which I annually grow a large number; presumably they dislike the pungent scent they emit, or their yellow sap.—Gardeners' Magazine.

TO REFINISH STORE FLOORS.

In refinishing old hardwood floors in stores, if the floor has been treated with oil or varnish and has been allowed to become very dirty and rough, the old finish should all be removed. With the use of steel shavings every particle of the old finish can be taken off. The floor may then be finished in every way as a new floor.

Manchester, Mass.—F. F. Brasch, formerly of Coldspring Harbor, N. Y., is now head gardener on the estate of Mrs. Jas. McMillan.

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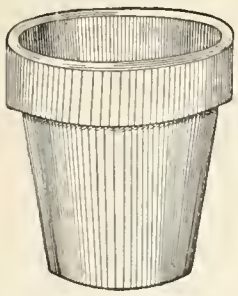

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Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.			
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GERANIUMS—$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Le Cid., Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

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Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

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Lantanas, 10 varieties. per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3.00
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See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List

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70 best varieties of **Chrysanthemums.**
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Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
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Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana.
Phoenix Canariensis and **Washingtonia Filifera Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
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Dorothy.....	1.50	
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White.	100	1000
Glacier.....$1.75		$15.00
Flora Hill...	1.50	12.50
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Variegated.		
Prosperity..$1.50		$14.00

Geraniums—Best semi-double bedders, scarlet, pink, salmon, white; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

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SPRINGFIELD, ILL.

JOSEPH HEACOCK,

WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
Price list for the asking.

BUFFALO.

The Market.

Lent has made some difference to trade the past three weeks and Buffalo being the healthiest city in the world, purest air and purest water and most impure government, business has been rather dull. Still from what we hear of prices in our largest cities, we have some reason to be thankful. Several of our large department stores are decorating for their spring openings this week and that helps some. I have more personal gossip this week than usual.

Various Items.

Prof. John F. Cowell took a steamer for another of his West Indian trips February 20. This time Jamaica is the destination. Let us pray that in that island of tropic heat and almost alpine heights he may discover some unknown gem.

Wm. Slattery has severed his connections with the firm of Byrne & Slattery. The new firm may be Byrne Bros. We hope Mr. Slattery will find something worthy of his ability in our city.

Joseph Stafflinger, who for several years carried on business on High street, died last week of congestion of the brain. He was a young man but very active in business and made decorations his specialty.

We have just had a visit from George Fancourt, of Wilkesbarre, Pa., who stopped off for a day on his return from a trip to Spokane, Wash. He has a most favorable opinion of the salubrious climate of that far off state. It rains and snows most frequently in winter, but both are agreeable. The rain is a bath and the snow is warm and refreshing. No frost in the ground. Mr. Fancourt says floriculture is not as advanced in Washington as many other less virtuous industries, but that it will come with settled population and refinement.

Sorry to say, our popular park superintendent, Capt. James Braik, has had five weeks of rheumatism and suffered much. It is about over and he will be around as soon as the parks need him. To see this strong man stretched out and reading Alex Wallace's charming book, "The Heather in Love, Lyric and Lay," is a most pathetic sight, but while so well employed you feel like going to see him frequently; if reading local politics or the latest wrestling match you would not.

There is likely to be all the Easter plants that the trade will need and we look forward with nervous anxiety to what the elements will give us.

It would be interesting, but a sad tale, if all the floods and frosts and fires that have visited the florists could be told of this terrible winter. Out of the bitter experience of many may come good and more will in the future be prepared for very extreme conditions of flood and frost.

W. S.

We are in receipt of the first annual report of the board of park commissioners of Lowell, Mass. The pamphlet is illustrated with some very handsome half-tones.

Owatonna, Minn.—Thomas E. Cashman, manager of the Lord Greenhouse Co., and president of the Clinton Falls Nursery Co., has been re-elected mayor of the city of Owatonna.

IRON RESERVOIR VASES

IRON-FLOWER-VASES WITH RESERVOIR

VASES VASES

IRON SETTEES

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Vase Catalogue No. 12
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OVER 100 DESIGNS and SIZES

Ranging in Price from $3 Up

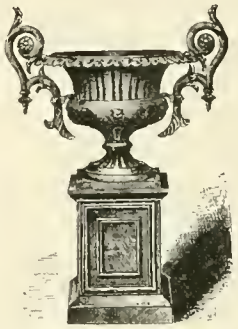
THESE RESERVOIR VASES do not need watering oftener than every ten or fifteen days. The soil remains moist, open and loose.

They are very desirable for Cemeteries or other places where they cannot be frequently watered.

Just enough water is drawn up into the soil through the sponge or moss to keep plants in growing and healthy condition.

Thousands of Reservoir Vases are in use on lawns and cemeteries all over the country.

Agents Wanted Everywhere



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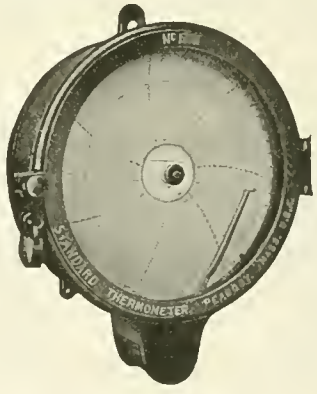

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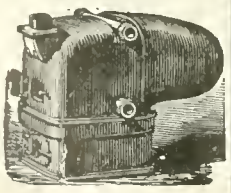

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520-535 Caxton Building,
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NEW YORK OFFICE: 201 West 135th Street.
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Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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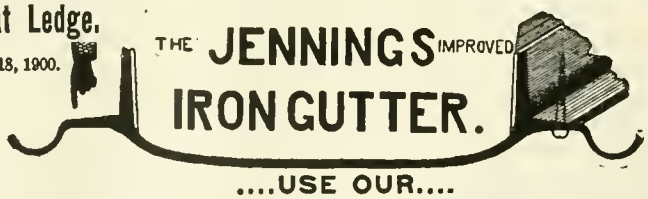

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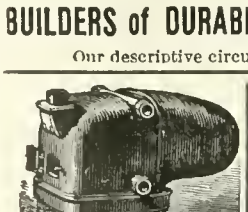

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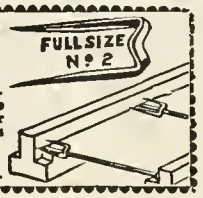

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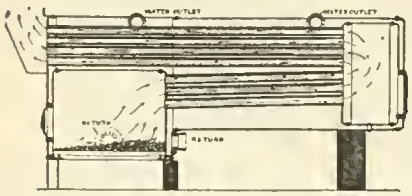

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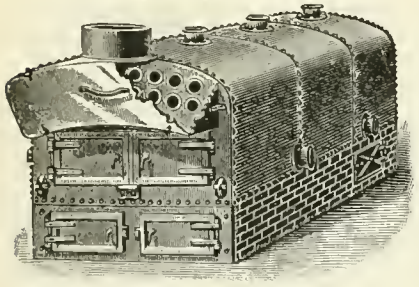

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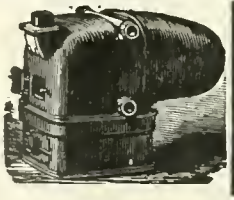

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN

SPECIAL SPRING NUMBER

CHICAGO, MARCH 24, 1904

HITCHINGS & COMPANY

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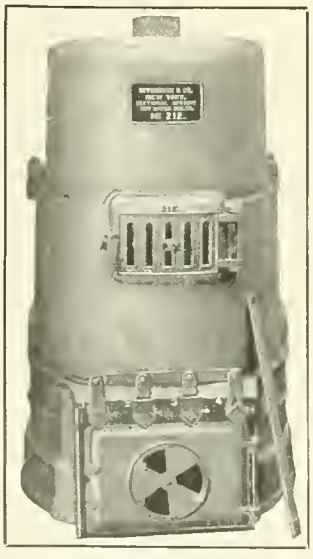
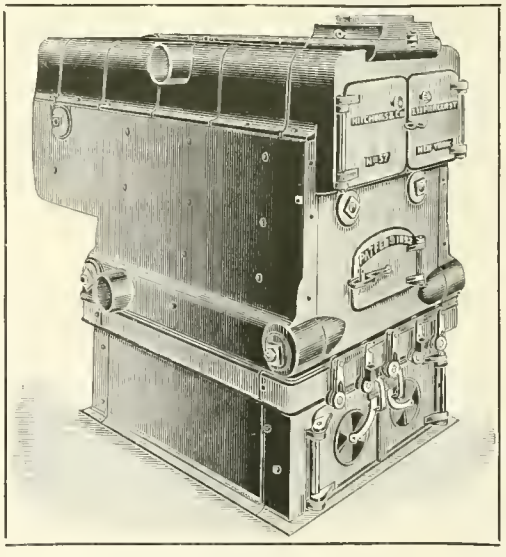
Modern Greenhouses

Estimates furnished for any style of glass structure erected complete with our Patent Iron Frame Construction, or for the material only ready for erection.





HOT WATER BOILERS FOR GREENHOUSE HEATING. PERFECT SASH OPERATING APPARATUS

Send four cents for illustrated catalog

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233 Mercer St., NEW YORK CITY

THE WEEKLY
FLORISTS' REVIEW
A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.
FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, MARCH 24, 1904. No. 330.

Novelties in Carnations.

We desire to call particular attention to the following novelties, each of which the most critical growers agree is a great advance over older varieties of the same color:

FLAMINGO. Finest brilliant scarlet yet introduced. Large flower, grand stem, early and continuous bloomer.

MRS. M. A. PATTEN. Finest variegated, will supersede Bradt, which it will out-bloom two to one. Better in stem and more pleasing variegation.

WHITE LAWSON. True sport of Lawson and like it in every respect except that it is pure white.

DAHEIM. Extra fine crimson variety, fully as large as Lawson. Grand stem, brilliant color, ideal habit, early bloomer. Will supersede other crimsons.

Price of above Big Four, $12.00 per 100; **$100.00** per 1000. There is sure to be a large demand; orders filled in rotation; it will pay you to book orders without delay.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Adiantum Croweanum.

The new introduction in the Maidenhair Fern family.

Will be ready to distribute among the trade about July 1st, 1904: Out of 3-inch pots.
Write for prices and place your order in time.

WM. F. KASTING,
WHOLESALE FLORIST,
481 Washington St., BUFFALO, N. Y.

Special Offer on WIRE WORK during Lent.

Take advantage of this sale, as it is only once a year—before stock taking—that you can get such prices. 25% off on all small orders; 33⅓% off on all orders that are $20 net to us; 40% off on orders $50 net to us, and 50% off on orders $100 net to us. If you can use the fast named offer you can buy for less than it cost us to make. Remember, this is only once a year, so NOW IS THE TIME to stock up, as it is good interest on your money.

KENNICOTT BROS. CO.

40, 42, 44 East Randolph Street, CHICAGO.

"FIANCEE" Beautiful soft, clear pink.

Judged last year as the finest Carnation in the world.
Has won many Cups and Medals this season and caps the climax by Winning the LAWSON GOLD MEDAL at DETROIT
To be disseminated next year. ORDERS BOOKED NOW. **$12** per 100; **$100** per 1000.
SEE OUR ADV. OF OTHER VARIETIES, PAGE 785

CHICAGO CARNATION COMPANY, James Hartshorne, Manager. **JOLIET, ILL.**

Chrysanthemums
HEALTHY, STRONG STOCK. READY NOW.

Appleton. Bonnaffon. Bassett. Chadwick. Childs.
Chamberlain. Halliday. J. K. Shaw. Mrs. Buettner. Merry Xmas.
Mrs. Tranter. Omega (finest of all the October yellows.)
Yellow Eaton. Yanoma. Golden Chain.
All the above at **$25.00** per 1000.

F. S. Vallis. Daisy Moore. C. J. Salter. Mrs. Thirkell.
Mrs. Pockett. M. Newell. Minnie Bailey.
A. J. Balfour, the finest pink variety to date.
Percy Plumridge, prize-winning yellow.
All at **$80.00** per 1000 while this stock lasts.

THE E. G. HILL CO., RICHMOND, IND.

Fresh Imported FERN BALLS 5-7 inches. 7-9 inches.

GET THEM NOW and start up for Easter.

TUBEROSE BULBS, PRIME QUALITY, NICE STOCK. DWARF PEARL AND TALL DOUBLE.

BULBS FOR SPRING PLANTING.

Begonias, Caladiums, Cannas, Dahlias, Gladioli—named, separate colors, mixed, Lilies, etc.
☞ Wholesale Price List of SEEDS, BULBS and SUPPLIES ready. If not received, write for it.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO.

...THE ANNUAL...

EASTER GREETING

OF THE

NEW YORK CUT FLOWER CO.

55 and 57 West 26th Street.

WHOLESALE FLORISTS,

Telephone 756 Madison Square.

J. A. MILLANG,
MANAGER.

DAILY REPORTS

WEEKLY PAYMENTS

The Finest American Beauties in the Land

The LARGEST number and the BEST handled daily by any Commission House in the world. Special MAIDS and GATES the year around. The ONLY house handling the BRIDE Carnation. : : : : : : : : : : : : : : :

THE NEW YORK CUT FLOWER COMPANY

W. GHORMLEY

Wholesale Commission,

57 W. 28th STREET,

New York City

All varieties of Cut Flowers sold advantageously for consignors

The greatest display of Cut Flowers for Easter ever seen in this country.

Ghormley

TELEPHONE 2200 MADISON SQUARE, which connects you with all our telephones.

The Largest Commission House in America.

Special attention given to shipping orders.

Retailers!

Our SUPPLY is UNLIMITED
Write for price list.
RELIABLE shipments
to out-of-town florists
made daily.

No better flowers can be found anywhere.

ALEX. J. GUTTMAN

52 West 29th St., NEW YORK.

WHOLESALE FLORIST

Telephone 1738 Madison.

Growers!

Our business facilities and shipments have greatly increased during the past year.

If not satisfied with present arrangements give me a trial, I am confident I can please you.

I wish my growers, customers and friends
A PROSPEROUS EASTER

An Unmistakable Opportunity!

DON'T PUT OFF YOUR EASTER ORDERS for Supplies and Novelties any longer. Largest assortment of novelties, ever shown by any one house, in stock for Easter. No up-to-date florist can afford to be without them. They increase your business.

PLAIN EMB. PAPER, taking the place of Porto Rican mats, cheaper and easier adjusted.

PLAITED PAPER, taking the place of the old-fashioned water-proof crepe paper, making a very pretty effect.

Specialties in Ribbons, Chiffons, Baskets, etc.

SIGMUND GELLER,

Fastest Growing Supply House. 108 West 28th St., **NEW YORK.**

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CHARLES MILLANG

WHOLESALE FLORIST { 50 WEST 29th ST. / Tel. Nos. 3860-3861 Madison Sq. } **NEW YORK CITY**

Roses, Carnations, Violets, Lilies

EVERY VARIETY OF CUT FLOWER of the finest quality. We have the stock of some of the best plant and cut-flower growers in the country. Telephone for what you want, from in town or out of town—We have it. **A GRAND STOCK OF PALMS, FERNS** and

Blooming Plants for Easter!

LARGELY INCREASED ROOM, AND FACILITIES FOR THE PERFECT SERVICE OF OUR CUSTOMERS.

The Whole Floor above our Wholesale Department Devoted to

:::OUR EASTER DISPLAY:::

TO OUR FRIENDS EVERYWHERE, AN EASTER GREETING

FROM

M. A. BOWE 1294 BROADWAY

TELEPHONE 2270 38th STREET.

THE BEST FACILITIES FOR FILLING ORDERS FROM OUT OF TOWN

OUR MOTTO: "THE.... GOLDEN RULE"

IN THE HEART OF

NEW YORK CITY

Telegraph me your Theatre and Steamer Orders. Prompt and careful attention to your interests.
Selected Goods at Reasonable Prices.

EVERYTHING FOR EASTER PLANTS, ROSES, VIOLETS, CARNATIONS. The Finest Quality. All personally Selected

An Easter Greeting FROM

Consignments of FIRST CLASS STOCK solicited.

Advice of Sale Daily.
Check Weekly after first 14 days.

Wholesale Agents in New York for the Grand New Rose.

"Queen of Edgely"

(Pink American Beauty.)

Originated and Grown by THE FLORAL EXCHANGE, Inc., Philadelphia and Edgely, Pennsylvania.

MOORE, HENTZ & NASH,
WHOLESALE COMMISSION FLORISTS
GROWER AGENT.
ADJOINING
New York Cut Flower Co's SALESROOM.
55 West 26th St., New York.

Telephone Call: 756 MADISON SQUARE.

OUR EASTER GREETING!

N. LECAKES & CO.

45 West 29th Street, **NEW YORK CITY** Tel. 1214 Madison Sq.

EVERYTHING IN GREEN GOODS.

Branch Store:
53 West 28th St.

Stands at 34th St. Cut Flower Exchange and at Coogan Building, West 26th St. and 6th Ave.

QUALITY THE BEST.

Ferns.

Fancy Dagger!

PRICES REASONABLE.

Galax Leaves.

Leucothoe Sprays.

...SOUTHERN WILD SMILAX...

WE SHIP ALL OVER THE

UNITED STATES AND CANADA.

☞ DO NOT FORGET THAT WE ARE PROPRIETORS OF THE FAMOUS WATER LILY POND IN CONNECTICUT

YOU CAN HAVE A FRESH SUPPLY DAILY IN THEIR SEASON.

Consignments

OF FIRST-CLASS

Cut Flowers

of every variety
Solicited

Everything for Easter

GEO. SALTFORD

WHOLESALE FLORIST

46 West 29th St., New York city

Prompt
Payments
Absolute Reliability

Telephone No. 3393
Madison Square

Facilities for care and handling of flowers unequalled in the city

GROWERS!
Ship your goods to me and realize the best prices

Our New Store one of the largest and most convenient in America

DAVID CLARKE'S SONS

1849-1904

OUR FIFTY-FIFTH
ANNUAL
EASTER...
GREETING

TO OUR FRIENDS
AND CUSTOMERS

COME AND SEE THE LARGEST FLORAL ESTABLISHMENT IN THE CITY, AND THE GRANDEST DISPLAY OF EASTER BLOOMING PLANTS IN OUR HISTORY

2139-2141 Broadway
Telephone 192 Riverside...

NEW YORK CITY

TELEGRAPH YOUR ORDERS!

OUT-OF-TOWN ORDERS FOR EASTER DELIVERY IN NEW YORK CAREFULLY AND PROMPTLY FILLED AT REASONABLE PRICES.

Traendly & Schenck,

WHOLESALE FLORISTS

3 Phones, 798 — 799 Madison Sq. **38 W. 28th St., NEW YORK CITY.**

We do not

Believe in **Advertising** what we have not got.

Our Daily Shipments of all **Varieties** of **ROSES** are **Second to None.**

We are **Receivers** of all the **Leading Varieties** of **CARNATIONS,** and have **BULBOUS Stock** of all kinds in sufficient quantities to supply your wants.

We are the Largest Receivers and Shippers of **VIOLETS** in the city.

ALL INQUIRIES PROMPTLY ANSWERED. SEND FOR PRICE LIST.

HINODE FLORIST CO.

COUNTY ROAD, SECAUCUS, N. J.

FIFTH STREET, WOODSIDE, N. Y.

Largest Growers of

PLANTS with from 4 to 8 Buds

Easter Lilies

Prices: 12c per bud for Pot Plants.
11c per bud for Cut Flowers.

FINE AZALEAS, 50c up.

Also **Japanese Novelties**

IN BLOOMING WISTARIAS, Etc.

JOHN YOUNG,

51 West 28th Street,

NEW YORK CITY.

ORCHIDS and **Violets, Roses, Gardenias, Lily of the Valley, Jonquils,** all the **Novelties** from the best growers of the Country, and **EVERY DAY IN THE YEAR.**

CARNATIONS As usual, all the Novelties and Best Varieties grown by Mr. C. W. WARD, QUEENS, L. I.

25,000 Harrisii Lilies

FOR EASTER. The finest in the New York Market.

POEHLMANN BROS. CO.

33-35-37 Randolph St., **CHICAGO.**

Wholesale Cut Flowers

EASTER PRICE LIST.

AM. BEAUTIES—	Per doz.
Ex. Special (48 in. and up)	$8.00
36 to 40 inches	6.00
30 inches	5.00
24 inches	4.00
20 inches	3.00
15 inches	2.00
12 inches	1.50
8 inches	1.00
Short	per 100, $4.00 to 6.00

	Per 100
Brides, Maids, Meteors—	
Extra fancy	$12.00
Good grade	$ 6.00- 10.00
Special Gates, ex. f'cy	12.00- 15.00
Golden Gate, good	6.00- 10.00
Perle	4.00- 8.00
Harrisii, choice stock	12.00

500,000 feet of glass.

We are extra stong on **American Beauties;** also leaders for quality on **Bride, Maid, Liberty, Gate, Ivory and Perle.**

60,000 Carnation Plants, all the best varieties in heavy crop for Easter.

20,000 Harrisii Lilies in fine shape for Easter. Packed at the greenhouses, 100 in a box, and shipped without rehandling.

Murillo, Lorraine and all the best **Tulips.** Also all other **Bulb Stock.**

EASTER PRICE LIST.

	Per 100
Carnations, good	$ 3.00
" fancy	$ 4.00- 5.00
" ex. fancy	6.00
Callas, choice stock	12.50- 15.00
Tulips, choice dbl. var.	4.00
" single	3.00
Daffodils, Valley	3.00
Romans, Narcissi	3.00
Adiantum	1.00- 1.50
Sprengeri and Plumosus sprays	3.00
Plumosus strings	40.00- 50.00
Galax	1.50
Leucothoe	.75
Ferns... per 1000, $3.50	

All other stock at lowest market rates. Prices subject to change without notice.

Let us handle your Easter Order this season

YOU'LL GET THE BEST STOCK, WHAT YOU WANT AND WHEN YOU WANT IT.

ORDERS
FOR EASTER!

Good Stock will be in Strong Demand

PRICE LIST

FOR EASTER

BEAUTIES.		Per doz.
Stems, 30 to 40 inches		$5.00 $6.00
" 24	"	4.00
" 20	"	3.00
" 15	"	2.00
" 12	"	1.50
Short Stem, per 100		$6.00 to $8.00

ROSES.	Per 100.
Brides and Maids	$6.00—$10.00
Meteors	6.00— 10.00
Golden Gate	6.00— 10.00
Perles	6 00— 10 00
Roses, our selection	5.00

CARNATIONS.	Per 100.
Standard Sorts	$4.00
Fancies	$5.00— 6 00

MISCELLANEOUS.		
Callas	per doz.,	$1.50—$2.00
Valley	per 100,	3.00— 4.00
Sweet Peas	"	1.00— 1.50
Paper Whites	"	3.00— 4.00
Daffodils	"	3.00— 4.00
Tulips	"	3.00— 5.00
Freesias	"	3.00— 4.00
Marguerites	"	1.00— 1.50
Violets	"	.75— 1.00
Mignonette	per doz.,	.50— 1.00

DECORATIVE.		
Asparagus	per string,	$0.30—$0.50
Galax 1000, $1.25;	per 100,	.15
FERNS 1000, 3.50;	"	.40
Leucothoe Sprays	"	1.00
Adiantum	"	1.00
Smilax	per doz.,	2.50

Subject to change without notice.

WE SHALL BE WELL SUPPLIED WITH choice stock for the Easter Business. Call on us for all your wants. One of our best growers makes a specialty of Forcing Lilies for Easter. His stock has averaged, year after year, the best in this market. This year it is better than ever. F. J. Ammann, of St. Louis, himself a good grower, told his Florists' Club that this is the best house of Lilies he ever saw. For Easter we shall have **15,000 BLOOMS**—

Per dozen, ... $ 2.00
Per hundred, ... 15.00
Per thousand, (500 at 1000 rate) . 125.00

Our Brides and Maids are not to be beaten for quality, and we have good Cuts now on. Carnations will be in large supply, of very best grades. Plenty Bulbous Stock of all kinds.

Smilax is scarce, but we have large supplies of Asparagus, long heavy strings, just the thing for Easter decorations. Plenty hardy Ferns for all demands.

Let us have your EASTER ORDER early, but don't hesitate to telegraph or telephone if you find yourself running short at the last moment. Remember that we can help you out if stock is to be had in this market.

E. C. AMLING,

32-34-36 Randolph St. Long Distance Telephones 1978-1977 Central.

The LARGEST, Best Equipped and Most Centrally Located Wholesale CUT FLOWER HOUSE in Chicago

Chicago, Ill.

LONGIFLORUMS

OUR LILIES are packed at the Greenhouses, 75 in a box, and shipped to the buyer in the original packages, thus avoiding bruising by repacking and handling. Quality and care have made us headquarters for those who desire the Best Lilies for EASTER.

WHITE LILAC OUR LILAC has been in great demand this season. We have had an extra amount brought out for Easter, so as to be able to fill your orders.

TULIPS DOUBLE Murillo, Lorraine, Daffodils and Jonquils, Valley, White and Purple Dutch Hyacinths. These have been our Specialties for Easter for years.

Roses and Carnations to please the most careful buyers. American Beauties and Liberties will be scarce, but we expect to fill all our orders.

Violets Single and Double, Hudson River and Home-grown. We solicit your correspondence in reference to any large amounts of any kind of stock you may need.

EASTER PRICES

	Per 100.
Americao Beauties—	
Extra Long	$60.00
30 to 36-inch	50.00
24-inch	40.00
18 to 20-ioch	30.00
Short Stems $8.00 to	15.00
Liberty, extra select	20.00
" medium	15.00
Brides and Maids, long, select	10.00
" " good stock	8.00
" " short	5.00
Carnations, large, fancy 5.00 to	6.00
" good stock	4.00
" common	3.00
" our selection, common, per 1000, $30.00.	
Callas	12.50
Longiflorum	15.00
Valley, fine	3.00
Narcissi and Romans	3.00
Violets, double fancy	1.00
" single	.75
White Lilac, very fine, doz., $1.00	
Tulips, fancy double $4.00 to	5.00
" single	3.00
Double Daffodils 3.00 to	4.00
Jonquils	3.00
Sweet Peas	1.50
Asparagus Sprengeri, doz., $0.35	
" Plumosus, sprays	3.00
" " strings	50.00
Smilax	20.00
Adiantum	1.00
Leucothoe	.75
Galax per 1000, $1.00	
Ferns, fancy " 3.50	

Prices subject to change without notice.

19 - 21 RANDOLPH STREET **A. L. RANDALL CO.** **Chicago.**

Mention The Review when you write.

THE RIBBON HOUSE

533 BROADWAY **SCHLOSS BROS.** NEW YORK

Specialties in Florists' Ribbons, Chiffons and Novelties.

SPECIAL NOVELTIES FOR EASTER

Mention the Review when you write.

Floral Decorations are treated fully in the FLORISTS' MANUAL.
SENT PREPAID ON RECEIPT OF $5.00.

Write, Telegraph, Telephone -- We do the rest.

KENNICOTT BROS. CO.

Wholesale

Commission Florists

40, 42 and 44 East Randolph St. **Chicago, Ill.**

GIVE US YOUR

EASTER ORDER

NOW

AND REST ASSURED OF GETTING WHAT YOU WANT.

We have A RECORD OF FILLING ORDERS when others fail

EASTER PRICE LIST

Subject to change without Notice.

Packing and delivery at cost.

	Per doz.
American Beauties, 30 to 40-inch,	$6.00 to $8.00
" " 24-inch	4.00 to 5.00
" " 15-inch	2.00 to 3.00
" " 12-inch	1.50
" " 8-inch	1.00 to 1.25

	Per 100
Brides, Maids, select	$8.00 to $12.00
Brides, Maids, good average	6.00 to 7.00
Perles, select	6.00 to 10.00
Roses, our selection	5.00

	Per 100
Violets	$ .75 to $1.00
Carnations, special fancy varieties,	5.00 to 6.00
" good average	4.00
" commons and splits	3.00
Valley, our specialty, the best	3.00 to 4.00
Smilax	20.00 to 25.00
Tulips, single and double	3.00 to 5.00
Daffodils, single and double	3.00 to 4.00
Adiantum	1.00
Asparagus, per string, 50c	
Galax, per 1000, $1.50	.20
Common Ferns, " 3.50	.40

CALLAS, $12.50 to $15.00 per 100

HARRISII, 12.50 to 15.00 "

SINNER BROS.

58-60 Wabash Ave.

CHICAGO.

Give us your
EASTER ORDER.

Headquarters for
EASTER LILIES.

Being located in the Growers' Market, with large supplies from our own greenhouses and the stock of thirty-eight of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of orders for Easter.

Give us your order now, you won't be disappointed.

Easter Lilies, choice stock in large supply and all Bulb Stock.

FINE BEAUTIES, SELECT ROSES, A No. 1

CHOICE CARNATIONS,
ALL THE STANDARD SORTS

VIOLETS, VALLEY,
ASPARAGUS,
ADIANTUM,
SMILAX,
FERNS.

J. A. BUDLONG

WHOLESALE GROWER AND SHIPPER OF CUT FLOWERS

37-39 Randolph St. CHICAGO

Special attention given to shipping orders. We can fill your orders when others fail. When you fail to get satisfaction elsewhere, just give us a trial. You'll find our service prompt. Remember we make no charge for "P. & D." on orders over $3.

Store open from 7:30 a. m. to 6 p. m. Sundays and Holidays to 12 m.

EASTER CUT FLOWERS

Specialties in Blooming Plants.

Azaleas,
Lily Plants,
Spiraea,
Lilac,
Hyacinths,
Tulips,
Lily of the Valley,
Daffodils,
Roses,
Beauties,
Crimson Ramblers,
Teas and Hybrids,
and a great variety of
Miscellaneous
Blooming and
Decorative Plants.

Prices quoted on application.
Send us a list of your wants.

WE HAVE NEVER BEFORE BEEN IN SUCH A FAVORABLE POSITION TO TAKE CARE OF

Your Easter Orders.

Having just completed a careful canvass through the greenhouses of the majority of our

FORTY GROWERS,

we are much pleased to be able to say that indications are we shall be able to supply **extra qualities** of

All EASTER FLOWERS

ESPECIALLY LILIES and GENERAL BULBOUS STOCK.

It will be much to your advantage, however, to place your list of wants with us AT ONCE. We will GUARANTEE rates named below and GIVE YOU THE BENEFIT OF MARKET QUOTATIONS AT TIME OF SHIPMENT SHOULD THEY BE LOWER.

EASTER PRICE LIST.

TAKING EFFECT MONDAY, MARCH 28, 1904

	Per doz.
American Beauties—30 to 40-in.	$5.00 to $6.00
" " 24-inch	4.00
" " 20-inch	3.00
" " 15-inch	2.00
" " 12-inch	1.50
" " 8-inch	1.00
" " Short	.75

	Per 100	
Brides, Maids, Meteors, Gates	Special A Stock	$9.00 to $10.00
	Select	6.00 to 8.00
	Good Average	5.00 to 6.00
Perles—Fancy	6.00 to	8.00
" Medium	4.00 to	5.00
Roses—Our Selection		5.00
Liberty	10.00 to	15.00
Carnations—Extra Fancy	5.00 to	6.00
" Good Average	3.00 to	4.00
Easter Lilies—Select		15.00
Callas	12.00 to	15.00

	Per doz.	
Lilac—Purple and White	$1.00 to	$1.50

	Per 100	
Tulips—Double	$4.00 to	$5.00
" Single	3.00 to	4.00
Daffodils—Double, Extra Fine	3.00 to	4.00
Dutch Hyacinths	4.00 to	6.00
Valley	3.00 to	4.00
Asparagus—per String 50c		
" Sprays	3.00 to	4.00
" Sprengeri	4.00 to	6.00
Common Ferns—per 1000, $3.50 to $4		.40
Galax	1.00 to	1.25
Smilax—Extra Heavy		20.00
Leucothoe		1.00
Adiantum	1.00 to	1.50
Single Jonquils	.50 to	1.00
Forget-Me-Nots		1.50
Pansies		1.00
Violets—Single		.75
" Double	.75 to	1.00
Sweet Peas	1.00 to	1.50

Wild Smilax—No. 1 Case, 25 lbs....$3.75 No. 2 Case, 35 lbs....$4.50 No. 3 Case, 50 lbs....$6.00

STAPLES in SUPPLIES

Doves,
Baskets,
Pot Covers,
Plant Stands,
Jardinieres,
Crepe Papers,
Ribbons,
Silk Cords,
Chiffon,
Tin Foils,
Wired Picks,
Wire Designs,
Moss, Flower Vases
and great numbers of
newer novelties.

Send for complete price list on all supplies.

E. F. WINTERSON CO.

E. F. WINTERSON — JOHN P. DEGNAN — L. H. WINTERSON

Successors to McKELLAR & WINTERSON.

45-47-49 Wabash Ave. Established 1894. CHICAGO

EASTER Cut Flowers

Order early to insure getting best selection. Large and small orders cheerfully accepted.

Don't wait with your main order until day of shipment.

Telegraph additional orders.

GEO. REINBERG,

51 Wabash Ave., - - - CHICAGO, ILL.

EASTER PRICE LIST

SUBJECT TO CHANGE WITHOUT NOTICE

		Per doz.
AMERICAN BEAUTIES—		
Extra Long, selected	X	$6 00
32 to 36-inch,	A	5 00
28 to 30 "	B	4 00
24 to 26 "	C	3 00
18 to 21 "	D	2 00
12 to 15 "	E	1 50
8 to 10 "	F	1 00
Short Stems,	G	per 100, $1.00 to 6 00

	Per 100
HARRISII—Select Blooms	$12 50 to $15 00
CALLAS—Select Blooms	12 50 to 15 00
VALLEY	3 00 to 4 00
TULIPS	3 00 to 5 00
DAFFODILS	3 00 to 4 00
NARCISSI	3 00 to 4 00
VIOLETS	75 to 1 00

	Per 100.
MAIDS	$6 00 to $10 00
BRIDES	6 00 to 10 00
GOLDEN GATES	6 00 to 10 00
LIBERTY	6 00 to 10 00
IVORY	6 00 to 10 00
ROSES—Our Selection	.... 4 00
CARNATIONS—Pink and White, good grade	.... 3 00
Pink and White, fancy	4 00 to 6 00

GREEN GOODS

SMILAX	per doz.,	$2 50 to $3 00
ADIANTUM	per 100,	.... 1 00
FERNS	per 1000,	.... 3 50
ASPARAGUS PLUMOSUS	per strg,	40 to 60
" " Sprays	per bch,	35 to 50
" **SPRENGERI** "	per bch,	35 to 50

I will quote you prices any time on large quantities of either Roses or Carnations for a special sale or funeral work at a low price. I solicit your esteemed patronage. **WE HAVE THE GOODS.** Buy direct from the grower and get the best stock, at the right price, and the best all around treatment. You save money by so doing both in price and quality of stock.

800,000—SQUARE FEET OF GLASS. WHY CAN'T I SUPPLY YOU?—800,000

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HARRISII LILIES ..... $12.50 to $15.00 per 100

BEAUTIES—	Per doz.
30-36 inch	$6 00 to $8 00
24-30 inch	5 00 to 6 00
15-20 inch	3 00 to 4 00
8-12 inch	2 00 to 3 00
Short	1 00 to 1 50

	Per 100
BRIDES, select	$8 00 to $10 00
" medium	5 00 to 7 00
MAIDS, select	8 00 to 10 00
" medium	5 00 to 7 00
LIBERTY	10 00 to 12 00
PERLES	5 00 to 7 00
GOLDEN GATES	6 00 to 8 00
METEORS	6 00 to 10 00
ROSES, our selection	5 00
CARNATIONS, medium	3 00
" fancy	3 00 to 4 00
" extra fancy	5 00 to 6 00
ALYSSUM	25

	Per 100
MIGONETTE	4 00 to 6 00
VIOLETS, single	75
" extra select, double	1 50
" medium	1 00
VALLEY, superior	4 00 to 5 00
PAPER WHITES	3 00
ROMANS	3 00
TULIPS	3 00
VON SIONS	3 00
JONQUILS	2 00 to 3 00
CALLAS	12 00 to 15 00
SMILAX strings ..... per doz., $2 00 to $2 50	
ASPARAGUS, strings .... each, 40 to 50	
" bunches... " 35	
SPRENGERI, bunches.... " 35	
ADIANTUM	1 00
FERNS, common .... per 1000, $3 50	
GALAX, green ..... " 1 25	
" bronze ..... " 1 50	
LEUCOTHOE, sprays ..... " 7 50	
IVY LEAVES	50

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EASTER
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NOW

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EASTER PRICE LIST

SUBJECT TO CHANGE WITHOUT NOTICE

BEAUTIES—	Per doz.		Per 100
Extra Select,	$6 00	Brides,	$6 00-$10 00
36-inch stem,	5 00	Maids,	6 00- 10 00
30-inch stem,	4 00	Ivory,	6 00- 10 00
24-inch stem,	3 00	Liberty,	8 00- 15 00
20-inch stem,	2 50	Gate,	6 00- 10 00
15-inch stem,	2 00	Perle,	6 00- 8 00
12-inch stem,	1 50	Carnations, good,	4 00
Short stem,	1 00	Carnations, fancy,	5 00- 6 00

Harrisii Lilies, $2.00 per doz.; $15.00 per 100.

The above prices are for select stock. Extra select or inferior stock billed accordingly. All other stock at lowest market rates.

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The Largest Grower of Cut Flowers in America

And Be Assured of Supplies Such As Can Only Come From

A MILLION FEET OF GLASS

EASTER PRICE LIST:

BEAUTIES.	Per doz.
Extra select	$6.00
30-inch stems	5.00
24-inch stems	4.00
20-inch stems	3.00
15-inch stems	2.00
12-inch stems	1.50
Short stems	1.00
Bride	$6.00 to $10.00 per 100
Maids	6.00 to 10.00 per 100
Meteors	6.00 to 10.00 per 100

	Per 100
Golden Gate	$6.00 to $10.00
Chatenay	6.00 to 12.00
Sunrise	6.00 to 10.00
Liberty	6.00 to 12.00
Ivory	6.00 to 10.00
Perle	4.00 to 8.00
CARNATIONS	4.00
Fancy	5.00 to 6.00

HARRISII, $2.00 per doz., $15.00 per 100

ROSES, our selection, $5.00 per Hundred

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FANCY CARNATIONS, BULBOUS FLOWERS and GREENS of
all kinds; or SUPPLIES and WIRE WORK of any kind.

EASTER PRICE LIST

Beauties,	Per doz.
Specials	$7.00
30 to 36-inch	$5.00 to 6.00
20 to 24-inch	3.00 to 4.00
15 to 18-inch	2.00 to 3.00
Shorter	$6.00 to $12.00 per 100.

Liberty, Chatenay, Gate, Ivory, Bride, Maid, Meteor, Perle — Firsts, $8.00 to $10.00 per 100. Seconds, $5.00 to $7.00 per 100.

Carnations,	Per 100
Extra fancy	$5.00 to $6.00
Select	4.00
Good average	3.00
Valley	3.00 to 4.00
Violets	.50 to 1.00
Harrisii	12.50 to 15.00
Callas	12.50 to 15.00
Romans, Narcissi, Freesia	2.00 to 3.00
Tulips, Von Sions	3.00 to 4.00
Dutch Hyacinths, fancy	4.00 to 6.00
Jonquils	2.00 to 3.00
Orchids, Cattleyas, $6.00 to $7.00 per doz.	

Orchids, Cyps	per doz., $2.00 to $3.00
Orchids, assorted boxes, per box,	5.00 to 10.00
Adiantum	per 100, 1.00
Fancy Ferns	per 1000, 3.50
Smilax	per doz., $2.00 to 3.00
Plumosus Strings	each, 35c to 50c
Leucothoe, green	per 100, 75c
Leucothoe, bronze	" 1.00
Galax, green	per 1000, 1.00
Galax, Bronze	" 1.25
Wild Smilax	25-lb. case, 3.75
Wild Smilax	35-lb. " 5.00
Wild Smilax	50-lb. " 6.00

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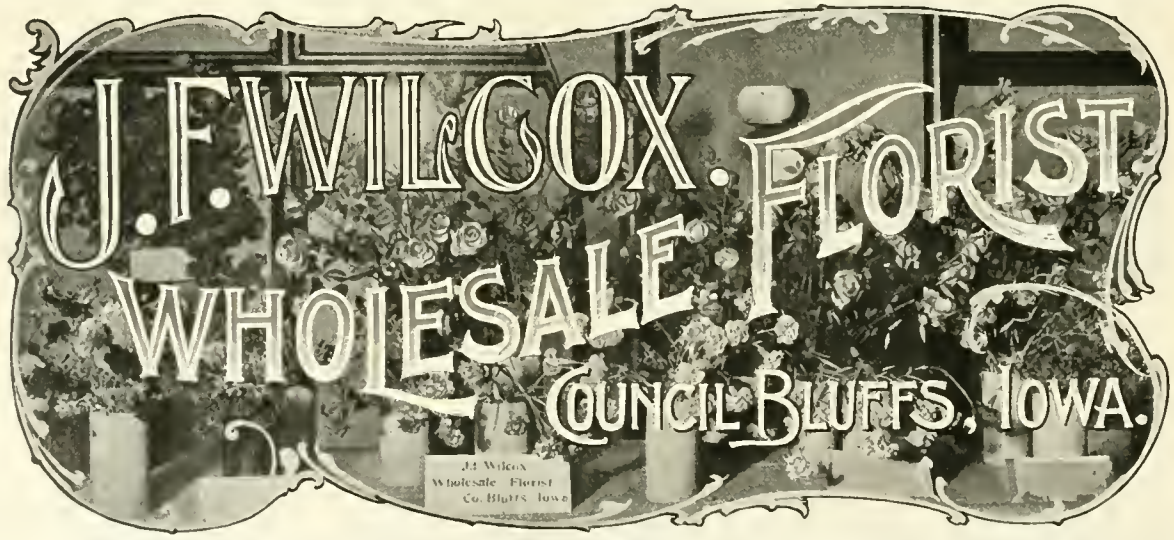

We have fine prospects for a choice lot of **BEAUTIES, TEAS, HARRISII AND ASPARAGUS FOR EASTER.**

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Grower of
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Get our laurel Festooning and Southern Smilax for your Easter decorations. No. 1 quality laurel Festooning made all round, full and the best made, fresh from the woods, 4c, 5c and 6c per yd. 50 lb. case finest Smilax ever sold, only $6.00. Fancy ferns $2.00 per 1,000; Dagger ferns $1.50 per 1,000; A1 stock bronze and green Galax, 75c per 1,000; discount on 10,000 lots.
Send us your orders early for Easter and get the best to be had at bottom prices and fresh from the woods. Satisfaction guaranteed.

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Specimen Plants, $5.00 to $12.00 each.
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EASTER=1904=Last Call

RHODODENDRONS — Best hybrids, a. f., specimen plants, $150 per 100. Large plants, $90 per 100. LILACS—White and purple, $45 per 100, extra. Azalea mollis well budded, from $20 to $60 per 100. Spiraea japonica, $3 per 100. Spiraea comp. multifl. $3.50 per 100. Aspidistra elatior, fol. var., $10 per 100 leaves. Aspidistra elatior, green, $6 per 100 leaves. H. P. Roses, best market varieties, $10 per 100. Buxus sempervirens, pyramids and standards, $150 per 100.

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F. W. O. SCHMITZ, PRINCE BAY, N. Y.
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GALAX LEAVES Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 3000 lots. Small Green Galax for Violets, 75c per 1000.
SOUTHERN SMILAX Per 50-lb. case, $6.00; per 35-lb. case, $4.50; per 25-lb. case, $3.50.
GREEN CAKE MOSS $1.25 per bag.
PALM BUDS Used in Churches on PALM SUNDAY. Short size, $1.00 per doz.; medium size $1.50 per doz.; long size, $2.00 per doz.
PALMETTO LEAVES For Decorations; large size, $2.00 per 100; medium size, $1.50 per 100.
LEUCOTHOE SPRAYS Bronze and Green, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS Suitable to wrap around pots; per bbl. sack, $2.50.
Pot Covers, Porto Rico Mattings.
CREPE PAPER In many rich varieties at lowest prices.

L. J. KRESHOVER
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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.
DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

MISCELLANEOUS SEASONABLE HINTS.

A Busy Week at Hand.

Our busiest week and day of the whole year will soon be here. At least it is so with many of us, for there are more plants disposed of for Easter decorations and greetings, to brighten the home and gladden a friend, than on any other occasion. For several years plants have been rather the heaviest part of the trade and annually enormous quantities are prepared in every locality. All are generally used up and we see no reason to expect a falling off in the demand this year. True, the country is not sailing on the crest of the wave of prosperity, as it was a year ago, but the business for Easter is not the elaborate and expensive decoration; it is made up of trifling outlays, but the wish for Easter flowers pervades all classes, rich and poor alike. So here is hoping that none of you will have enough to go around.

We all realize full well that in the three days previous to Easter Sunday, a month's ordinary work and activity is crowded in, and nights must be included as well as days. Extra help is called in, usually of the very green variety, and perhaps of little real help, so it is on the boss and his old hands that the pressure falls. To wait on every customer, please each and above all get all sales delivered satisfactorily and with the least possible mistakes is the earnest desire of all scrupulous florists; but all this cannot be accomplished without system, and if ever that old adage "Never put off till tomorrow what can be done today" was good advice, it is in this rushing time. The wholesale man who delivers a hundred lilies and fifty azaleas to the storekeeper has to hustle, too, but it is not as trying a business as the one that has perhaps several thousand different deliveries consisting of one or two plants or a box of flowers, with the address of the recipient, card of the donor, etc.

Stake and Clean Your Plants.

To business. Do everything that will need doing without delay. If a plant needs a stake and a tie, let it be done at once. If you put off such a necessary but simple job, you deserve to get belated and muddled. Every pot that contains a plant that has any chance of being sold at Easter should be washed. Never mind if it is going to be covered with a Porto Rican mat or tissue paper, for when sold it is a miserable thing to cover up dirt with these dainty dresses and it is not a fair deal to the retail man to send him a load of plants with greasy pots.

In the greenhouse you cannot, as the storekeeper can and should, dress up all your plants with mats and papers and ribbons, or they will get soiled and spoiled before the day of sale or delivery; but a few of each can be decorated in your best style, and that is enough to sell from. Have a portion of some bench set aside for each day's delivery, Thursday, Friday, Saturday and Sunday morning. When Mrs. Langtry or General Kuropalkin selects an azalea, and many good people do like to make their own selections, and orders the plant delivered on Friday, then put it with Friday's delivery. No need of attaching the card or adorning with fixings; that can be done Thursday evening.

Use an Order Sheet.

No matter whether it is a cash sale or "charge it, please," an order should be made out which should include name of purchaser, who the article is to be sent to, what the plant is and price, and any trimming or frills you have promised to put on. You will find these memoranda very useful, for however careful we are a few things will go astray, or you may be accused of sending the wrong article, and if you cannot refer to these orders you are at the mercy of the customer.

There is a great difference in the character or class of business done by different florists. Some may do largely a cash business. I mean, where the majority of customers walk in, select their purchases, pay the price and walk off with their purchases in their arms. Lucky are they who have a large share of this kind. We know more whose cash sales would not be over thirty per cent, and ninety per cent must be delivered.

Careful Routing Necessary.

We have always found that the greatest waste of time on these strenuous days was caused in looking out or routing a load for a wagon. It never does to make up a load of plants and in that load have deliveries for widely separated parts of your city; that is obvious to all. A load should be destined for one section of the town. It will save your plants and save time and much vexation. Some one who knows your city well (he need not be a Greek professor or vegetable biologist) should be detailed to have the deliveries ready to load just as they will want to be delivered, when wagon No. 5 or automobile No. 3 drives up for another load. Now all of the above has consisted of very common stuff, and what should be apparent to all, but I have seen our own folks in great distress and anxiety to get deliveries out on time, because some of the simple things I have mentioned were not observed.

Just a word about the arrangement of the greenhouse, the one you make your show house. First let me say that the store man who has no greenhouse at his back is sadly congested for a few days. He does, or should, make a splendid show in his window, for it is his best advertisement, and the interiors of most city stores are bowers of beauty and enchantment. With a 100-foot greenhouse adjoining your store you have an advantage, but with that advantage you are too often removed from the fashionable crowds. If you have this convenience of a greenhouse, keep your plants in blocks; they are better cared for and it is easier for your patrons to make selections, and better in every way, and when partly gone the stock will not look a wreck.

The Embellishment of Plants.

I know that there are many men, young and old, who could give the writer points on how to enhance the beauty of a plant by the addition of mats or paper of fancy kinds, and ribbons, but I don't know if any will do it, and I can only offer some ideas of my own. There are, first, Porto Rican mats which add greatly to the attractiveness of plants and should be added to the price of the plant, but for that matter you can always obtain two or three times the price of the mat in the sale of the plant. Then there is the embossed or fluted paper and the crepe paper, both of which greatly set off the plant and cost something, but it is easy to make up the cost of paper. And there is the colored tissue paper of different shades, which hides the plebeian pot and does not cost enough to warrant any charge, no more than would it be proper to charge for the fine silk paper with

Hydrangea Trimmed with Crepe Paper.

which you line a box to receive a dozen Bridesmaid roses. To deck out plants with frills and tucks and ribbons that were going into a conservatory or private greenhouse would be absurd, in fact outrageous, but our plants don't go there; they go to the drawing-rooms and living-rooms of our homes, and some pretty embellishment is only in keeping with their surroundings, and what will charm and please the recipient of an Easter gift will most satisfy the one who sends the greeting. We must cater to this most laudable sentiment.

Green the Safe Color.

Green for a pot covering will suit any plant, for it is in harmony with the foliage. Some plants can be associated with a shade of the color of the flower, but the paler-colored blossoms best suit themselves to this and on the more brilliant and deeper colors it would be found rather too dazzling an arrangement. A few instances I can offer. A Crimson Rambler rose, if well flowered, should have a green mat or paper, which might be tied with a ribbon, and another ribbon near the base of the plant, both of the same shade as the flowers. Some of the lighter-colored azaleas may be matched with their own shade, with ribbon of the same shade as the flowers, but where they cannot, stick to green mats or green and white tissue paper, which harmonizes with the blossoms of all plants. It is evident that a brilliant Van der Cruyssen azalea with a pot covering of the same shade would be altogether too heavy and the eye would soon tire, therefore a green and white covering or a green mat with a deep pink ribbon and bow would be the thing. I will just say, don't let two shades of pink come together.

A sheet of green and white paper is all a single lily needs, but with the 10 and 12-inch pots of these that may contain five or six plants, a white mat with a broad green ribbon, or the opposite, a green mat with a white ribbon, will be found all right. Plants with white flowers, such as the deutzia and lilac, are best set off with simply a green covering. There are a few yellow blossoms, the cytisus and acacia, and here are two plants that nothing so adds to their beauty as a pot covering of the exact shade of their flowers, and even some tasty ribbon arrangement among the branches. For you will not get tired of this color; it is one of nature's. Do not our fields and hedge rows, our oaks and maples, give us gold and orange and yellow through the fall months, much to our delight?

Another pretty plant is Azalea mollis, with its yellow and orange and orange-pink blossoms. There is nothing like its own shades to adorn it, and as it is almost bare of leaves it must have some ribbon scattered through the plant. No plant pays better for the trouble. Large pans of hyacinths, if all of one shade, can be associated with mats, or paper of the same color, but if mixed in color you can only use the green or green and white. I have said about all I can on this subject. Green will go with any shade of flowers and so will green and white. White and pink is harmony, or it is pleasing at any rate.

For the past few years we have sold more lilies in 10 and 12-inch pans containing five or six plants, than singly. You could not get five plants grown in a 6-inch pot, or even 5-inch, into the 12-inch pans or pots if you left the balls of earth entire. Take a big, sharp knife and slice the ball down to three or four inches. Don't do it till the lilies are in bloom and they will last just as long as if they were undisturbed, with plenty of water.

For balmy, salubrious weather let us be good and pray. William Scott.

Hyacinths in Basket, Trimmed with White Ribbon

CARNATIONS

CARNATION NOTES—WEST.

Seasonable Work.

After Easter has come and gone we generally look forward to spring and planting out. Easter comes early this year and at least two or three weeks will elapse before we can really go to work at planting out, but it is not too early even now to prepare for it all we can, so as not to be bothered after we do commence with preparations that might have been made beforehand. If you put your young plants on a bench or in flats you should pot them up now at once, as a plant from a pot is nearly always preferable to one that is dug up and has most of the soil shaken from the roots and many roots torn. What size pot to put them in will depend largely on how long they have been growing where they are and how strong they have grown. They will not have very much time to grow besides merely establishing themselves and rooting through thoroughly.

Shifting Young Stock.

A pot just large enough to hold them nicely, which would in most cases be about a 2½-inch, will be better than a larger one. I like them to be pot-bound enough so the ball of soil will not break and fall from the roots, and most likely if you pot into 3-inch pots they will not have time before planting out to get into that stage. The same may be said regarding the repotting from small pots into larger ones. If you potted into 2-inch pots in January the young plants will be thoroughly pot bound and will begin to suffer unless they get a shift. They may not show any signs of suffering yet, but wait until the days get warm and those dry winds come along and you will find your pot-bound plants dry three-fourths of the time unless you will keep busy watering them. From 2 to 2½-inch is a small shift, but it will suffice to keep the plants in fine shape for a month or six weeks and they won't take up such a terrible lot of bench space.

Handling Cuttings.

If you have some in sand be sure you pot them up just as soon as they are ready. A good, strong cutting that is potted up early enough to get well established before planting out time stands a good chance of making a first-rate plant for planting medium early. For extra early planting we prefer a cutting that is potted up between January 15 and February 15. These can be topped some time in March and will start the eyes that are to make the plant later on. Sometimes we hear a grower say that he bought a hundred of some novelty and later on took a cutting off each one and rooted it and that these cuttings made better plants than the ones he bought. Now it seems to me any man ought to be ashamed to tell that he was unable to grow as fine a plant from an early cutting as he could from a cutting taken two months later. Whenever that hap-

pens it shows either vicious abuse or gross neglect, or both, toward the older cuttings. Here is about what happens:

On arrival of the cuttings, which perhaps are fine, they are potted into the smallest sized pot because they will root through and start to growing quicker. As soon as they have made a little growth a cutting is taken off, and in taking off the cutting nearly the whole plant is taken along. It would not do to wait a couple of weeks longer because it would get too late and, besides, a bud might appear and make the top useless as a cutting. Then, not satisfied with this abuse, that critical grower who will send back a lot of cuttings because there was a little rust or a few were not rooted heavy enough, or for some other slight fault, will let them remain in the same small pots to become starved and stunted by the time they are planted in the field. Then when these stumps fail to start up and make as uniform a lot of plants as the young tops that were looked after and cared for like a two-minute trotter, this grower will tell you about it and try to give you the impression that if he had not been so wise he would have had no good plants at all.

If a variety grows strong enough to produce good plants from these tops, just think what fine plants those early cuttings would make when handled properly. Too many growers estimate their stock of a variety by the number of plants they have, regardless of the size or quality of the plants. You may have 3,000 plants and yet not have more than enough to fill a bed that holds 1,000 fair-sized plants.

Keep the Plants Clean.

Look over your young stock every few days and top what plants are ready and try to top all the plants of a batch within as short a time as possible, so as to leave them as near a uniform stage as possible. If they were a uniform lot of cuttings you can usually top ninety per cent the first time and the balance will need only a few days to catch up. This will have more or less bearing on the uniformity of your plants all through the summer. Not only will you find much more pleasure in handling a uniform lot of plants, but you will also find it much easier. They will start about the same, they will need supporting about the same time, and they will begin flowering about the same time and, in fact, whatever you do for them will suit each plant the same as all the rest.

If a lot of young weeds are starting, be sure to have them pulled out. Not only will they rob the plants of their food, but the plants are standing close enough together without the weeds, and they will cause them to choke and draw up.

On bright days when watering, give them a good syringing so there will be no danger of carrying a lot of red spider out to the field. If that pest gets a good hold on your plants in the field you will have a hard battle to fight. If there is any rust on them, pick off the affected leaves and burn them. Dust the plants with air-slaked lime, grape dust or sulphur, and keep the foliage moderately dry except for a weekly sharp syringing to keep red spider away. Fumigate regularly or, if your young plants are in the same house with a lot of blooming plants and you don't want to smoke so often, you can dust the young plants quite heavily with tobacco dust to prevent greenfly from attacking them.

It is not a bad idea to have on hand a little of the copper and ammonia solution in case of some of the spot diseases. In fact, a light spraying about once each month will do no harm and it might ward off a bad case of spot.

A. F. J. Baur.

Crimson Rambler Rose with GenistaFragrans at the Base.

CARNATIONS NOT KEEPING.

I have read in the Review about some of the carnations at the Detroit convention going to sleep in a short time when put in water. The general opinion was that high feeding was the cause of the trouble and another was that the plants had not had the proper amount of air on account of the severe winter. I have been considerably troubled this winter with carnations going to sleep. I grow mine in a temperature of 50 degrees, air as much as possible on all favorable occasions, and have only fed once this winter, sparingly, with sheep manure. I put the flowers in water as soon as cut, keeping them about twenty-four hours in a temperature of 35 to 40 degrees. They last but a short time after being put in vases the following day. If some of our large carnation growers would give me their method of handling the cut flowers they would be doing a great favor to more than one reader of the Review.

G. M. H.

There is nothing wrong with your culture, and if you handle your carnation blooms properly after cutting you will have less trouble. You keep them at 35 to 40 degrees, which is just 10 degrees too cold. If you will keep them in a temperatnre of 45 to 50 degrees you will find that the blooms will draw up much water and they will grow and the petals will be crisp and firm. When exposed to a warmer temperature they will stand up a long time. Raise the temperature in your cut flower room 10 degrees and I think your trouble will be over.

A. F. J. Baur.

NOTES ON VARIETIES.

The following notes on varieties are gathered from the experience gained in the carnation houses of G. Van Bochove & Bro., Kalamazoo, Mich.:

White Cloud is still the best white for winter months. The soil here seems to suit this variety. Flora Hill, the best for spring, summer and fall, but is weak in midwinter. Lorna is a fine,

large flower, but a little soft. Glacier is very good; it comes short early in the season, but makes up for this later; a fine, pure white flower of fair size and stem; a good commercial variety. Queen Louise is good if grown warm; 54 to 56 degrees seems to suit it best. Her Majesty does fairly well here; good habit and stem, with fair-sized flower; will give it another trial. Lillian Pond started slowly after housing, but made good growth later; a large, pure white flower, but bursts nearly all, perhaps due to lack of ventilation during long, cold winter; will give it another trial. Murphy's White is full of stem-rot; will discard.

In red Crane still leads; is not troubled with stem-rot here and is never off crop. Estelle has been thoroughly tested in different ways; has fine color, but lame in all other points; will discard. Cuttings of Adonis were very poor; lost nearly two-thirds of consignment; what were left did poorly in the field, but started well in the bench and made good growth; seems as though it will improve, and if so, it certainly is all that one could wish for. Roosevelt is good, but Harlowarden is the best crimson; good habit, good grower, with long, stiff stems and fine, large flowers.

In dark pink Lawson is the best; plants grown in the house all summer produce long stems earlier in the season. Nelson is good; gives no trouble in propagating. Guardian Angel does well; a good grower and producer; flower a little small; will grow more next season. Joost is still grown in quantity and does fairly well; still not so good as in preceding years. Crocker is best for summer and very good. Dorothy will be discarded. Marquis is good in its color; fine stem and flower.

In light pink Morning Glory will be largely reduced to make room for Enchantress, which is very good here; is easily grown, but a little soft for shipping; the best in its color.

Here, as in most all other places, we have caught the seedling craze. One pink variety can be seen growing above all others. This is not possessed of the largest flower, although larger than Joost or Guardian Angel; its principal points are its producing qualities, long, wiry stems and stronger constitution than any other variety on the place; a cross between Cartledge and Crocker.

In variegated Bradt is mostly grown; this has done well up to the past two seasons, but shows signs of deterioration and will be largely reduced. Marshall Field is a good, healthy, upright grower, produces longer and stiffer stems earlier in the season than Bradt; will grow more of it next season. Gaiety does not do well; produces short, stubby growth, with few flowers. Armazindy is still grown; this old standby is principally noted for its producing qualities, for it is a poor seller. Prosperity, the only one of its color, is good, but is not profitable to grow in quantity.

Nearly all the newer varieties are grown, but not in sufficient quantity to make a fair criticism possible.

W. V. P.

The Lily is Still the Most Popular of Easter Plants.

EPACRIS.

The species of this genus of greenhouse shrubs are mostly natives of Australia, New Zealand and islands of the South Pacific and require cool greenhouse treatment. These plants are much easier propagated and grown than are even the soft-wooded heaths and are, during the fall, winter and early spring, of equal value with the best of them.

By a judicious selection of varieties they can be had in bloom from November till March. In keeping qualities they equal if not surpass any of the heaths, while for gracefulness and color they are far ahead. Either as decorative plants or when used as cut blooms they last longer than any of the heaths.

Though not so sensitive to changes of temperature as heaths, the proper mode of treatment is much the same in principle. The best method of propagating these plants is by cuttings of the half ripened wood, inserted in sand with a bottom temperature of 52 degrees, but the process requires such a long time that it is more profitable to purchase young plants of the size required rather than wait; life is too short.

The most suitable soil for the epacris is fibrous peat, with about one-sixth of sharp sand added. Good drainage must be provided, so that there shall be no surplus left after moistening the ball. When repotting care must be taken not to break the ball nor, in fact, to disturb it in the least, and the soil should be packed evenly and firmly around it.

After the flowering season is over, which will be in March, the erect-growing varieties should be cut hard back and the plants placed in a temperature under 50 degrees until the young growths have attained the length of half an inch, when they should be repotted, if that is necessary. After repotting they should be returned to the same temperature and lightly shaded for the first week. They require little water until they have begun to grow again, but should be frequently syringed, especially during bright weather, when they can receive a gradual increase of air and sunshine.

These plants require about the same care after being plunged outside, in regard to watering, as heaths do, and as overwatering is very injurious, it is safer to have sashes handy to protect them during rainy weather.

This class of flowering shrubs is gradually but surely finding a place in the American market, and a study of their nature, habitat and best methods of culture suited to our climate should have a place among our other experiments.

Ribes.

Webster City, Ia.—James Follett has a new geranium of a very odd and pleasing light pink color. It is a free bloomer and the flowers and trusses are very large. He has had it three years and has worked up quite a stock.

BEGINNINGS IN DESIGN...

THE BROKEN COLUMN.

Proportion of the Frame.

In ordering or selecting a wire frame for a broken column, have the diameter of the shaft as large as is consistent with the height of the piece, and the base as wide as the price will allow. The wider the base or mounting of a piece, the more imposing will be its appearance. This need not add materially to the cost of the work, for if the selling price is inflexible, you can help out the size of your piece, or rather the base, with hardy ferns; they are both cheap and effective. The column here illustrated is well proportioned. The distance across the base diagonally is two-thirds of the height of the shaft, and the diameter of the shaft is almost one-fourth the height. These are the proportions of the completed piece. The diameter of the wire frame should be slightly more than one-half the diameter of the finished shaft. The reason for this is that before the carnations or other background flowers are inserted all around the frame, they will begin to push each other out on the opposite side of the column, and before the shaft is completed you will have considerable displacement of a surface which should be perfectly even and smooth. You will need to go over it two or three times again, filling in those spots where the flowers have been pushed out, and smoothing the surface.

Filling the Frame.

Line the bottom of the base with fern leaves, as was done for the pillow, described in the issue for January 7. This is the only part of this piece to be lined. Pack sphagnum moss in rather more closely than for the other pieces, for it must be solid enough to hold the stems upright, and not allow them to work loose. Have the filling of the base deepest at the foot of the shaft, sloping toward the edge. The construction of the frame may indicate this or it may not. Often one can improve on the shape of the frame either in the filling with sphagnum or in the trimming with flowers and green. Next fill the shaft solid with sphagnum, leaving a depression where the column is broken at the top. The only wrapping needed is over the top of the base filling. Use thin hemp cord laced over the top of the frame, tied at a few convenient places on the wire frame.

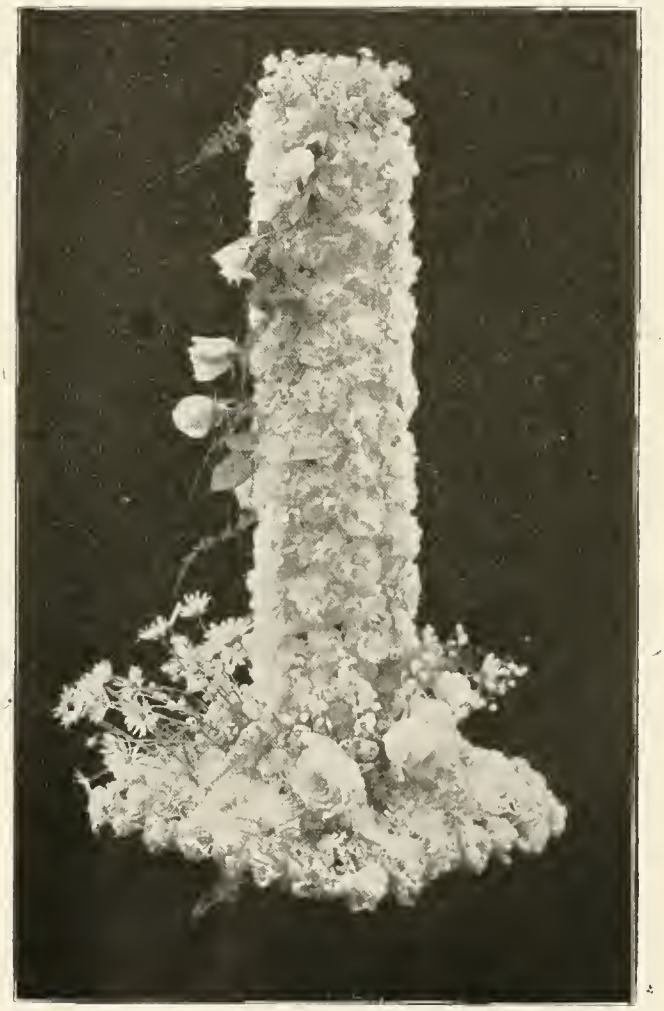
The Break in the Shaft.

If carnations are to be used for the body of the design, cut the picks for them a trifle shorter than for the pillow for you will find the space all too small for as many as will be necessarily crowded into the column. But we must first prepare the flowers to be used in the broken part of the column. Sweet alyssum seems to be the material here. Cut the sprays into different lengths, from one to three inches. Three or four sprays can just as well be stemmed together, on one three-quarters pick. Hold the bunch of sprays irregularly up and down against the pick, between the thumb and first finger of the left hand, and have a bunch of six-inch lengths of No. 36 wire ready between the last two fingers of the same hand. Draw out a single wire and wrap the stems in closely, down past the point where the last stem touches the pick, catching all the ends carefully at the point of contact with the pick. Stem barely as many bunches as your sight estimates will cover the broken part. Rather have too few, and be obliged to stem a few extra, then have too many stemmed and a part left over.

Fill in the broken end first. If flowers of about the same color are to be used for the broken section as for the shaft, fill it in irregularly and roughly, as shown in the accompanying illustration. There should be a sharp contrast between the filling of the shaft proper and the broken top. There are two ways of doing this: by a difference in coloring, or, as in this case, by a different appearing surface. Here the alyssum filling, by its different length sprays and its new type of flower, makes that part of the column rough and jagged and well represents a break in the shaft.

Covering the Shaft.

After filling in the break, begin the filling of the shaft, from the top down, to keep out of your own way. In contrast to the arrangement of the alyssum, fill the carnations in just as smoothly and evenly as possible. Make this solid surface extend over the base, down to and around the edges, covering the sphagnum completely. Keep a sharp lookout for stray bits of the moss around the lower edges and in among the flowers. Shove in the stray bits, rather than try to pull them out. That finishes the construction.



The Broken Column.

Trimming the Base.

Next, prepare to stem the daisies and lilies of the valley to be used about the foot of the shaft. There seem to be about fifty of each kind in this piece. Stem the daisies three or four to one pick, as was done with the alyssum. Only don't cut off any of the length of the

stems. Leave them as long as they can be. It is a saving in time, though not always in the keeping qualities of the flowers, to stem all the flowers before doing any of the filling, but it is scarcely practical for a beginner, for the work proceeds too slowly, and the waiting flowers will show the exposure. Either fill in the background first, and set the piece in a cool room while preparing the flowers for trimming, or put the stemmed flowers in the ice box while the rest are being made ready. Keep the flowers that are waiting to be stemmed in water till the last minute. Don't let any quantity lie around on the work table.

Having stemmed the daisies in various sized groups, insert the most of them irregularly from the foot of the shaft to the nearest corner of the base, some erect against the shaft, others nodding and bending any way they please, but all appearing to spring from a common source. Make another smaller group part of the way around the base at the back of the column.

Handling the Valley.

To stem valley, separate the flower stalk from the thick stem of the foliage that surrounds it; take a whole toothpick and wrap a small valley leaf around its upper half. Still holding the sheathed pick in the left hand, place the flower stalk against it so that the lower end will come a little below the middle of the covered pick, and wrap with wire as in the case of the alyssum or daisies, except that the upper end of the pick is left free from the wrapping. The reason for this will appear a moment later.

In stemming forced bulbous flowers and foliage, it will take a little careful attention to see that the wire wrapping is drawn just tight enough to keep the stem from sliding off the pick and still not tight enough to cut the tender stem. In inserting these tender stems into the sphagnum, hold by the pick and not by the stem. They are apt to break in your hand, before they are pushed in far enough. Catch the free end of the pick which was sheathed with the leaf, and hold and insert the stemmed flower by it.

But there is still another advantage to the sheathed pick: often to hide the upper end of the pick, a stemmed flower must be pushed into the moss so far that the visible part of the stalk looks stumpy. With the sheathed pick you can not only insert the flower in the way to best display the grace of the flower stalk, but you can have the addition of a delicate touch of foliage, which is always valuable in trimming.

The circular garniture of valley extends all around the foot of the shaft through the clump of daisies. Insert the stemmed valley through the carnation background, at various angles to the base. Let some swing out and bend over, while others stand more nearly erect, all springing from the same circular line, but varying in their attitudes. Here and there will appear the spear-like points of the foliage used in covering the pick, and the larger leaves that are stemmed with the flowers.

Making the Garland.

Now it is time to prepare the roses and asparagus for the garland which is to be thrown around the column. Cut a delicate spray of asparagus long enough to reach from the edge of the break on the upper side of the shaft diagonally around the column, and half way around the foot, a few inches beyond the edge on the left side. If it is necessary to cut the asparagus to get the correct length for the garland, be sure that the cutting is done at the large end, leaving the tip to point out the garland. Select about two dozen roses with tractable stems, in all stages from quarter blown buds to the wide open flowers. Remove about half the foliage. Fasten a full blown rose downwards a few inches from the tip of the asparagus spray, attach the rose to the asparagus at the decisive curve of the stem, using a fine wire wrapping. Lay the balance of the rose stem on the asparagus and fasten again at the end. Just above the decisive point on the first rose stem, lay down a second rose, and fasten it to the asparagus as before. Repeat the process along the asparagus

The New Shasta Daisy.

spray, graduating from the full blown roses to the smallest buds. The distances between the roses will be irregular, and they will fall naturally, some to one side and some to the other side.

Stem the blunt end of the asparagus on a three-quarters pick and insert securely through the carnation background, well into the moss, so that the pick will be buried deep, just below the break in the column. With the tip end of the garland in the right hand, train it from the starting point, toward the left and diagonally around the column, till it breaks through the circle of valley on the right side of the column at the foot, and falls a little to the left of the front corner of the base, while the fine end of the asparagus extends beyond the edge airily. Fasten the garland here and there where its weight threatens to pull it out of place, using hair pins or wire staples inserted through the background into the moss. The lowest rose should also be pinned firmly on the base.

Character and Coloring.

Since this is someone else's design, I can freely say that it is natural, and therefore especially attractive. The sloping square base is the best setting possible for the piece and the position of the garland contributes to that good effect. I have seen broken columns where the break was not sufficiently distinct to be even suggestive. Study to make this kind of a design strong and decided, so as to be recognized at a glance. In this particular arrangement the break is sharply indicated by an abrupt change in the kind of flowers used, and the styles of filling them into the frame. The break occurs obliquely across the upper right hand side and top, and is indicated by the irregularly filled space of sweet alyssum, in contrast to the smooth carnation filling of the body of the shaft.

With the decided yellow of the daisy centers, perhaps pink or yellow roses would be the better colors to use. Red roses would not be a very good combination with this touchy bit of yellow. The break might be filled with a contrasting color, such as pink, purple, or blue. The base might be laid in with a delicate pink, or yellow, with a white shaft. In place of the daisies and valley, there might be used long, stiff stemmed roses, any kind of lilies, tulips, narcissi, long carnations, chrysanthemums, or fine foliage, such as adiantium, asparagus, or even catchy bunches of wood ferns.

Gertrude Blair.

A VIOLET GROWER SOUTH.

Yes, I believe that there is such a thing as violets, but here in Florida the fragrance of the orange trees is much more pronounced and when you have been growing violets for years the change in odor is very agreeable and you think it much to be preferred, and yet I doubt not that you could easily get an elegant sufficiency of this also.

The wild violets are plentiful here, both in the pine land and hummocks, unless they have been too lately burned out, the curse of everything nice in the state. The blue ones predominate and are beautiful though not fragrant. When you come to cultivated violets you will find that many people have one or two boxes (generally a soap box) full of fragrant single ones. I have as yet to find that any one grows double ones.

I think that one of the things that strikes a northerner on coming here is to see the large quantity of window plants that people grow, or perhaps I should say veranda plants. Every house has nearly twice as much veranda as house room and a great quantity of this space will be occupied with plants, such as geraniums, ferns, asparagus, begonias, violets and salvias, and nearly the first question that you ask them is: "Why in this land of flowers and sunshine do you bother with those things; why don't you plant them in the ground?" But, alas for your ignorance, their summer is as bad for plants as our winter would be, only with this difference, that they would cook here and freeze north. And so the good housewife spends as much time here in tending a geranium as her

Home of Luther Burbank, the leader of American Plant Breeders, at Santa Rosa, Cal.

sister in the north bestows on a palm that here would grow luxuriously in the open ground with hardly any care at all. And so it goes this world around; we always think that we want something that we do not have and spend our time and strength in trying to secure it.

But do I hear you say that this has nothing to do with violets? You are right; still I think if here you would be glad to "wander," much as you may be interested in them. For instance, yesterday a party of three friends and myself started out in the morning in a nice launch on Lake Griffin; with our lunch and oranges in the lockers, we "put out to sea," so to speak, with no idea of seeking our homes till night. With the balmy air, our light summer clothes, in shirt waists and straw hats, it was hard to realize that you are tied up in snow at home. We went as far as Esmeralda on the Ocklawaha river, and there went ashore and under the shade of the cabbage palms we made a fire of the old dead palm leaves and stalks and made a cup of tea to go with our roast. In additon we went into a grove a little way up the shore and filled our pockets with sour oranges and made "orangeade."

If you could have seen the picture that was spread before us; the innumerable shades of green, from the glossy deep green of the magnolias to the yellow and orange of the new "Jack" oaks; the pea greens on the live and water oaks; the cypress, with its delicate, misty tracings of green, and through and over it all the draping of Spanish moss, all of this touched up here and there with the dash of red from swamp maples. And then looking down the river and out over the lake in the warm, hazy distance, being able to see the round tops of the cabbage palms towering above the dim coast line like sentinels. Well, you would be perfectly satisfied to lie down and dream and forget there was such a thing as violets.

There is certainly a fascination about the south that there is not in the north, and I do not wonder that the southerner thinks that there is no place like home, with its mocking birds, cardinals, towhees, etc., etc. It takes hold of you and increases instead of decreases, and it is this indefinable something that seems to have hold of me and will not come down to raising flowers (violets) for money. Why do we have to do it?

Still I shall have to awaken in a few days and hie me to the north and help the boys, and of course one of the first things will be to look the new stock over thoroughly to see that it is in good condition, to see that there is sufficient for all demands, both for home planting, for the houses, inside and out, and for whatever orders we have for stock from our customers. If you find yourself still short of stock it is time that you hastened to take off what you have in good shape. As it gets warmer and you begin to get busy with spring work do not neglect your stock and let the plants get crowded, drawn up, soft, lose some leaves and then begin to rot, etc. The first thing you know you wake up to the fact that your stock is nearly worthless, just for the lack of a little care and attention.

While you can use more water from now on, still it should be applied with judgment, as does also the airing, which should be all that you can give them, keeping them hardy and stocky and in every way thrifty. Don't forget, too, that aphis, getting a little foothold now, will work great injury to the stock, not only for the time being but it hurts them for next season, to say nothing about the extra labor involved in thoroughly eradicating them when once they get a good start.

In pricking out or potting the stock that has yet to come out of the propagating bed, do not be afraid to reject those that have not struck properly and look woody and are not A1. It is time and labor saved to discard them at once, even though you hate to do it.

R. E. Shuphelt.

CUTTING AND HANDLING STOCK.

[Read by J. A. Rieman, of Indianapolis, before the State Society of Indiana Florists, March 1, 1904.]

I have been in the florists' business all my life, part of the time growing and part of the time in the retail cut flower business. I have handled a good many kinds of flowers, some good, some bad and some indifferent. I have had quite an experience in handling cut flowers in all stages. Now, to illustrate to you, I have brought some flowers with me cut in different stages. If a man does not understand his business he will lose out when he handles them. Flowers cut at the proper time and given proper temperature and care are a pleasure to the retailer and a credit to the grower.

Here are some under-done carnation blooms. I want to ask if a flower cut in this stage will keep and develop to perfection in water. My experience is that it will not under any treatment. That bloom is only fit for immediate use, say for a funeral bunch, where they are to be used at once. If you keep a flower like that over night it will be a button the next morning, or, in other words, a sleeper. Now, here is a bloom just the opposite. This bloom has been left on the plant too long, and it will do just the same as the other one. Now, this is generally the kind you get Christmas. That's when the store man gets rich. That's the kind you pay 6 and 8 cents for and when you sell them you don't want a Christian behind the counter. Here, in my estimation, is an ideal carnation bloom, cut at the proper time and in a stage where it will keep. You need not be ashamed to sell that bloom and the grower can feel proud of it.

I don't believe in keeping carnations in the ice box. I believe that carnations

will keep better in a cellar with a temperature of 40 to 45 degrees, but there must be ventilation or they will go to sleep. I also believe that some varieties keep better than others, say, for instance, Albertina, Queen Louise, Lawson and Joost, and some others; these are good keepers. But if you cut Albertina before it is ripe it won't keep at all in any kind of temperature. The retailer is always running a risk in buying stock. Suppose he buys 200 or 300 carnation blooms and has no immediate use for them, or wants to hold them for a day or so; if he gets a lot of improperly cut stock he certainly will be out. I will admit that the retailer is to blame a good deal for his carnations not keeping. He will put them in jars and set them in the window, and let them go at that.

Every carnation should be cut off at the end of the stem when it comes in from the grower, as the ends will most always seal. Especially is this true with shipped ones, and the consequence is they go to sleep. I believe the poorest carnation to keep is America. It generally throws out two long pistils, and my experience is that a carnation that does that will go to sleep. I believe carnations keep better in the spring months than during the winter because they are more plentiful and get a better chance to develop on the plants. In the winter months, when they are scarce, the grower generally cuts them before they are really fit to cut. Some say they need the money, while others are anxious to supply the demand, and sometimes the retailer will ask them to cut them before they are fit. All flowers should be put in water immediately after cutting and left in at least six hours before selling and they will give better results. This, I believe, is a good rule to follow with all cut flowers.

I also have some samples of roses here which I want you to note. A rose cut in this tight stage I claim is not good judgment. It will never develop in water, but will turn blue and will burst off the calyx before it will develop. If this rose had been left on the plant another day it would have made a good bloom. No kind of treatment or temperature will make a good rose of it. The Bride or Bridesmaid will act the same way when cut in this stage. Here I have a short-stemmed Beauty. This is the same as we get in the winter around Christmas at $3 per dozen. Is there anyone here who would buy a rose like that? Don't you think that if that rose had been left on the plant a day or so longer it would be better for both retailer and grower?

In years gone by we had roses that had to be cut very close. Bon Silene, Safrano, Sprunt, Papa Gontier and Bennett had to be cut close, as they were all very shallow and would not keep any length of time. But the rose up to date should be cut in this shape. This is an ideal rose in my estimation. You need not be afraid to sell that rose to your best customer. You cannot tell a lie about it if you wanted to. That rose will keep; if you don't sell it today it will be just as good tomorrow. In the summer we have another rose which I generally have trouble with, and I expect you all do. I mean President Carnot. This rose should be cut very tight and kept in a dark, cool place. I find it keeps good if you tie the jar up in wax paper. Then we have Kaiserin, which is the best keeper of all when not cut too close. This rose is the prettiest when half-blown, and when kept cool and dark it is a good laster.

I would like to ask if any of you here who are in the retail business think that American Beauty rose should be cut before the petals begin to unfold and put in cold storage a day or two before sending it out? Will it develop and keep its color afer you get it, and is it profitable to handle? I do not think that a rose cut before the petals begin to unfold is fit to handle at any time.

I would like to ask if anyone knows when the poinsettia should be cut so it will not wilt in water? There is a certain time. Will calla lilies keep as well when pulled out of the plant as they will when cut off? No, and besides it injures the plant. I will also ask you what is the best way to keep violets from losing their fragrance? Will tulips develop when cut quite green and short-stemmed?

You will note I speak mostly of carnations and roses. These two flowers are the ones we have the most trouble with, especially in the winter, when we have little sunshine. I don't believe flowers will keep as well in the dull winter days as in the bright days of spring, and, as I said before, the grower is too anxious to cut. Did you ever notice when they have blooms on exhibition how nice and full they are and how well they are developed? Did you ever get as nice blooms as you see sometimes on the exhibition tables at our meetings here? I have not. Why? Because those blooms are not cut until they are fit.

I also want to say a few words about our mums. Oftentimes in the early fall when flowers are scarce everybody is anxious to cut the first mums. And on the other hand, every retailer is just as anxious to have the first ones in his window. Consequently they are cut too soon. Now, the florist knows how to keep such a mum, but the buyer does not. You sell a bloom half developed and it will always prove unsatisfactory. Your buyer will come back and claim you sold stale flowers when you sold flowers too fresh. Did this ever happen to any of you? It has to me. It does not pay to sell half developed flowers of any kind. You will always be the loser and degrade the florists' business. Always try and handle good flowers, well developed, and you, the retailers and growers, will prosper. When your flowers get old and stale, throw them out, both of you. It will pay to always keep a good, fresh stock, well preserved and well taken care of. Don't try to sell sleepers for fresh stock and new varieties.

A Cactus in Flower Makes a Striking Plant, in a Box Covered with Crepe Paper.

GENERAL TRADE GOOD.

R. G. Dun & Co.'s weekly review of trade says:

Improvement in trade and industry continues, favorable reports largely outnumbering adverse influences. The most important event of the week was the two-thirds vote by bituminous coal miners to accept the proposed reduction in wages. Traffic delays are still causing complaint, and the movement of exhibits to the St.

Shasta Daisy California.

Louis exposition provides a temporary feature of importance.

Retail distribution of Easter goods steadily expands and dealers' stocks are being depleted because of conservatism in initial purchases. This promises large supplementary jobbing and wholesale orders as the season advances.

Business failures in the United States for the week ending March 17 number 103, against 200 last week and 194 in the like week in 1903.

NEW SHASTA DAISIES.

When Luther Burbank offered the Shasta daisy to the trade in 1901 it was not received as filling a long-felt want, but many interested firms made a trial of the novelty and as soon as the plants had time to become established the real worth of the introduction was quickly realized. Then the demand for stock increased very rapidly. Mr. Burbank states that 5,000 times as much stock was sent out in 1902 as in the first year, and that in 1903 "fully 100,000 times as much stock was ordered."

Mr. Burbank has raised innumerable seedlings of the Shasta daisy and now has a new and improved strain, of which California, a single flower of which is shown in this issue, nearly full size, is an example. The flowers of this have two rows of petals and the buds and half-opened flowers are a pale lemon yellow, gradually changing to pure white in a day or two of development. Speaking of growing methods Mr. Burbank says:

"Give these new Shasta daisies plenty of room, one by four feet, or two by three feet if convenient, with loose, rich, sandy, well-drained soil, and feed them well, just as you would the Chinese and Japanese chrysanthemums, but do not shelter, pet, pot and shade them. With sufficient moisture they will take care of themselves in any climate from Alaska to Sahara. But one point must be looked after; these new daisies, with all their remarkable vigor will bloom themselves to death if allowed to produce all the flowers which start before the plants have time to become established. Remove all, or all but one or two buds until a good clump of leaves has been formed, then let them loose and they will exhibit an amazing wealth of bloom. After the first season 200 to 500 giant blossoms each will not strain their abilities in the least, though for rapid propagation, less would be better."

One of the accompanying illustrations shows Mr. Burbank's home at Santa Rosa, Cal.

STEPHANOTIS.

Stephanotis, the most handsome of all the hothouse climbers, although so useful to the florist in design work, sprays or garlands, is so rarely seen that it is almost unknown to the majority of home growers. Yet how few are the plants which possess such a pure, waxy blossom and sweet fragrance? Its handsome green, shining foliage is also one of its recommendations.

Its usual time of blooming is in June, just in time for the June weddings, when its graceful garlands of foliage and bloom can so well be utilized. Well budded sprays can be used either in bouquets or as sprays for the hair or dress.

The value of this flower has long been recognized by the European florists and as it occupies so little room in the house it is a general favorite. It is usually trained along the roof of the stove or hothouse, affording shade to those plants in the benches underneath it. They invariably make it produce two crops during the year, one in June and the other in October. My experience with it in this country has shown me that this is not the best method for our climate. Our hot, dry air during the summer is too much for it if kept in a half resting condition after making its growth, and it is safer to keep it growing freely till late in the fall, when a partial rest can be given.

It is easily propagated by cuttings from the previous year's growth, but the quickest way to get a good sized plant is by layering. Pot or tub culture can be practiced with success and very attractive specimens can be had by this method, but for cut flower work nothing compares with the prepared border and roof training.

They succeed well in a night temperature of from 60 to 70 degrees, the best and most serviceable sprays being produced at from 60 to 62 degrees. Use a compost three parts turfy loam roughly broken up and one part well rotted cow manure, with about one-twentieth of the whole bulk of charcoal added.

Among the insect enemies of the ste-

A Border of the Improved Shasta Daisy.

phanotis is mealy bug, and this usually becomes most numerous when the buds begin to appear and lodge between the buds so closely that it is difficult to remove them with the syringe without causing injury. If they are not destroyed before the flower expands they invariably ruin the crop. Kerosene emulsion, if applied with some force, will destroy them in quick order. Gishurst's compound, if applied in the same manner will also destroy them and the black scale also, to which they are subject.

During hot weather a light shade is of great benefit and as the roots persist in keeping close to the surface, frequent mulching is necessary to keep them from becoming too much exposed.

S. floribunda is the only variety that will repay the commercial florist.

Ribes.

ROSES

FOR EASTER BUSINESS.

Easter will soon be with us again and the prospects, from all reports I can get, are for a plentiful supply of high grade blooms of all kinds of roses, except Liberty and long-stemmed Beauties, which although there are plenty of buds in sight, are fearfully slow in developing, and are likely to be considerably late for that occasion. The medium stems will, in all probability, come to time, while the crop of shorts will likely hold out till then.

The shortage of long stems may induce some growers to resort to pickling in order to catch the fancy prices which may be expected during Easter week. Any gain made by this method is sure to be lost in the near future, as it tends to give Beauties a bad name and destroys that confidence which ought to exist between grower and buyer and between retailer and consumer.

Ship nothing but fresh stock and ship it in good time, so that the dealer may be able to take on and fill his orders. Remember he also has to make a living; give him a chance.

Pack neatly, after a careful sorting. Use clean, uncolored paper next the blooms. This gives the stock a much better appearance when the box is opened and creates a favorable impression. Use plenty of old newspapers between the box and the outside wrapper, so that there may be no danger from freezing. Write the address and instructions plainly, so that there may be no danger of the parcel going astray.

These are apparently trifling matters, but warranted by the frequency of wrongly delivered parcels, on some of which the address is too difficult for the overworked expressman to decipher.

Even when we have exercised the greatest care and have done our best, there will be some kicks coming, but the knowledge that the fault does not rest with us must be consoling. Patience when dealing with these complaints softens disappointment, avoids ill feeling and leads to a better understanding.

Ribes.

THE LIBERTY ROSE.

By Adolph Farenwald.

[A paper read before a recent meeting of the Florists' Club of Philadelphia.]

In giving my experience in growing Liberties, I have omitted the growing of young plants from cuttings, as that is so well understood, and besides, Liberty is one of the easiest propagated roses in existence. I have divided my subject into seven different topics, namely, first, soil; second, planting; third, watering; fourth, manuring; fifth, disbudding; sixth, cutting; and seventh, temperature and ventilation; making them as plain as possible in language and expression, using no high "trotting" sentences to bewilder myself and you. Hoping that from these plain facts regarding the growing of this, one of our finest and grandest red roses in trade, some of you will gather points which will enable you to solve this knotty question, "How to produce fine Liberty blooms."

Soil.

A good, suitable soil for roses is one of the most important factors in rose growing. If that is at hand, success is within easy reach of any careful grower. My soil is a heavy, gravelly loam with a good sod on top of it. Before plowing it down, I give it a dressing of about three inches of good cow manure. It is then plowed over as deeply as a two-horse plow can work it. After this it is kept cultivated for about a month, being then again plowed and kept cultivated till used. This work is generally begun about the first week in April.

Planting.

The soil being well prepared outside, I put in the young plants without adding any commercial fertilizers, as the cow manure is sufficient to begin with. I believe that those highly concentrated fertilizers force a plant too quickly to maturity; that is, to hard wood, which I do not want to be the case with the Liberty. Young plants I put in from fifteen to eighteen inches apart. I prefer to plant from the first of June to the middle of July, which will give a good succession of crops. I have grown with equal success both in shallow and solid benches.

Watering.

The young plants will not need much water until about five or six weeks after being planted, when they will commence to grow nicely, and will take an abundance of water, even more so than any other rose that has ever come under my care. If not kept well watered they will get yellow leaves right away, as the roots seem to have a tendency to spread out near the surface, which makes them suffer at once if they happen to get too dry. The wood will commence to harden and will be slow to break out anew.

I syringe during the summer, every day when clear. Toward the latter part

A. Farenwald.

A Liberty House at the Establishment of A. Farenwald, Hillside, Pa.

of September I stop syringing too often overhead, as by that time most of the plants will have made plenty of top growth; and from that time on, I try to induce breaks to come from the base, which I think too much syringing overhead will hinder, as it will keep eyes on the top growth continuously breaking into small growth, which is not desirable during the fall and winter, as I believe rather in quality of roses than in quantity. I keep the soil always in a moist, good growing condition, but never soggy. I use water direct out of a well which has an even temperature all through the season, about 52 to 54 degrees.

Manuring.

I don't commence to top dress until the latter part of August and beginning of September. Then I put on a top dressing of cow manure. I prefer to put this in little ridges between the rows, covering it with soil to prevent the escape of ammonia as much as possible, and its getting washed off too quickly from the benches. Two or three weeks after this first mulch, I have been in the habit of putting on a sprinkling of dried blood. This has to be done very carefully, as blood is very strong in ammonia, apt to take off a big crop of leaves if put on too strong. I put it in small streaks on either side of the row, two to three inches wide, just thick enough to cover the ground, and also covering it with soil.

From then on and following this every two or three weeks, according to the health and growing condition of the plants and the weather, I put on sheep manure, bone flour, wood ashes and poudrette, either mixing these together in equal quantities or by themselves, but never at any time putting it on too heavy. I would rather do it a few times oftener than to endanger the health of the plants. In March I put on another layer of cow manure, and by the time it is spent, I use the fertilizers mentioned before till June, when it winds up the season. I have always used plenty of all sorts of manures, as I believe that a plant which has to work out of season, and receiving so many waterings, should have plenty of nourishment all the time, never giving it a chance to become dormant for want of proper nourishment.

Disbudding.

I consider that the pinching out process is the most important factor in the production of strong, vigorous plants, able to stand the strain of heavy cutting in the dark months of winter. We know that the formation of buds and flowers taxes the strength and vigor of the plant to the utmost. Therefore it naturally seeks a rest after this exertion. Some roses will recover faster from it than others. Liberty is one of the slowest of these to recover.

Ever since I commenced to grow Liberties I have followed the practice of carefully disbudding from the cutting on. After they have been planted in the benches a few months the production of buds will be quite plentiful. I then make it a practice to go over them every other day, pinching out the buds as soon as they can be gotten hold of, but taking no leaves with them, except on suckers, which I cut back three to four eyes, because if pinched too close to the top they will break into very short-stemmed buds, which is undesirable on the stronger wood. This continuous disbudding, which stops the flow of sap to the buds and flowers, seems to irritate the dormant eyes at the base of the plant and they finally break into fine canes, which will make grand flowers.

In September and October, when the plants begin to make longer-stemmed flowers, ten to eighteen inches long, which I do not care to have in bloom for another month, I cut them back three eyes to induce them to break strong again. If pinched too close to the top a short-stemmed flower will be the result.

This practice enables us to have crops in succession. I continue this disbudding all through the winter, carefully taking off all buds up to five and six inches in length of stem, as flowers of that class are little thought of, and the benefit of the retarded sap, and the saving of the foliage and wood will prolong its blooming capacity. This may seem to many unnecessary; in fact, I know that many growers do not believe in it, but I hold that it is the most important point to successfully bloom Liberty in winter.

Cutting.

To cut right is a point with which I am particularly careful. Nothing will spoil the successful blooming of Liberties as quickly as careless cutting. One should always remember that we want flowers all through the winter. To illustrate my point better: Take a plant with eight buds on it, which would all come within a week or two. I would pinch three or four buds away, if this is in September or October, which would bring them in seven to eight weeks later. It will give four buds at a better price, besides not hurting the plants as much as if I had cut all those long-stemmed buds off at once. The plant

would have received such a check which it would take all winter to overcome. In other words, I do not want them to come all at once, avoid crops.

Plants put in benches by the first of June will, if they have done well, be fit to cut from by the beginning of October. They may have produced strong enough wood in August to tempt the grower to cut some blooms, but I find that if cut too soon they will not produce flowers in mid-winter, nor will they throw up so strong canes from the base later on. I consider that four months of growth is the least the plants should have before starting to cut, and even then I take nothing but the strongest wood, cutting back everything up to twelve inches.

Wood ten to twelve inches long, or longer, in October should be cut back two or three eyes. If the bud is only pinched out it would make an inferior bud at the next eye. Strong wood, that is, canes from the base, should not be cut too low, as it is too hard and slow to break. It should have twelve to fifteen inches of stem left, when it will break in reasonable time.

In cutting the flowers I am very careful to cut them right; that is, the outer petals expanded. Of course in the fall and spring I cut closer. I cut three and even four times a day, according to weather and demand, for they must be in as fine a shape as possible when they reach the dealer. After they have been in water for about twenty-four hours in a cool place, they are fit to be shipped. If not well soaked, the long-stemmed Liberties in particular are easily wilted, and will be a disappointment to all concerned.

Temperature and Ventilation.

In the early part of the fall, when the growth of the plant is soft, I have always tried to maintain a temperature of 62 to 64 degrees, with a little air on if possible at night, with a day temperature on clear days from 85 to 90 degrees, and on cloudy days, a temperature as near 70 degrees as possible. As soon as they commence to bloom, I reduce these temperatures to 58 and 60 degrees at night and 75 to 80 degrees during the day in fair weather, 68 to 70 degrees on a cloudy day following a bright day, and if there is a succession of cloudy days, leave it down to 65 degrees, as too high a temperature at night will spoil the color.

After the first planting of the young stuff I use ventilation sparingly, gradually increasing as the plants take hold. The Liberty is very sensitive to draughts, not that it will show mildew by it, but it retards the growth. It will harden and stand for months before it will get over this check. Therefore great care should be exercised on windy days, in a single house, and more so where the houses are built together with no partitions, where the draught will have a clean sweep underneath the gutters.

I try to give air every day, even in the coldest weather, when I can only open the ventilators to their full height and shut them down again at once, as a change of air is always most desirable.

Conclusion.

In finishing my remarks in regard to growing Liberties, I suppose some of you will be disappointed in not hearing some sensational and almost witchcraft-bordering way of growing, but instead of that you have heard nothing but plain every-day facts, which most of you know, ought to know, or have known. So this may prove to be a reminder to some of you. And last but not least, success will lie only with that grower who is ever watchful, who has his grip on the situation every day and all the time, never relaxing in enthusiasm in his fascinating and noble occupation, constantly studying the surrounding conditions which confront him with new varieties, higher standards in quality, and ever changing market.

The Review takes pleasure in presenting to its readers, through the courtesy of D. T. Connor, of Lord & Burnham Co., photographs of the new range of eight houses built last summer by A. Farenwald, Hillside, Pa., from designs and with material furnished by that firm. The houses are each 13x150, the outside houses being wider to admit of a walk next the wall. They have iron posts and gutters and are even span. The small cut shows the exterior of this range as seen from the southwest corner. The other, an exceedingly fine photograph, shows the interior of this range as seen from the west doorway in a center house. Nearly the entire range is planted in Liberty. The special grade of flowers for which this place is noted, is shown to advantage in the photograph.

CHRYSANTHEMUMS

SEASONABLE HINTS.

Propagating.

Spring will be with us once again before we know it, and the chrysanthemum, like everything else, is calling for its share of attention. Every year since the Review first arose on the floricultural horizon have I told in its columns how to propagate stock, and I am afraid that my present remarks can be nothing but a rehash of what I have many times said before. But there are many beginners added to the list of growers each year.

It is, of course, assumed that you have paid some attention to your stock plants during the winter, and had them in a cool, light place somewhere and not stuck under the benches in the carnation house. Active growth is commencing, so if you have to throw something else out, make room for your plants well up to the light. Some florists put their stock plants out in the cold frames for the winter. If you are one of those you had better get in your plants and find out how many are yet living. It has been a very severe winter and much stock that ordinarily is hardy with a little protection will be found to be killed.

March is a good month to propagate, though some exhibition growers propagate all they can in February. With the average florist any time up to June will do, the different purposes for which the plants are intended having to be taken into consideration. Cuttings root more readily now, before the weather gets warm, than later, though as a matter of fact the chrysanthemum is one of the easiest plants to strike if given half a show.

In taking the cuttings do not use the shoots that appear on the old stem unless you are very short of stock. The suckers that come up straight from the ground make infinitely better plants and will not run to bud the way stem cuttings often do. In making cuttings I always like to cut through immediately below a joint. It is not really necessary to do this, as the chrysanthemums will root from the stems, or leaves, or almost anywhere, but when cut cleanly at a joint the roots push out all around, radiating from a common center, like the spokes from the hub of a wheel, and this tends to make an evenly balanced plant. Heat is not necessary to strike the cuttings, a temperature of 45 to 50 degrees furnishing ideal conditions for the purpose.

New Short-Span Greenhouses of A. Farenwald, the Liberty Grower, Hillside, Pa.

Some varieties that make rather hard growth take longer to root than others. W. R. Church being an especially notable one in that respect. This variety, while a gem for exhibition, is not a very easy variety to handle, as it almost invariably runs to bud as soon as it begins to grow. The best way to treat it is the way we used to do the old Morel: Keep it in small pots and keep the buds closely picked off. It will, in the course of time, throw up a good sucker and then the old plant can be cut away and the sucker left to make the growth.

After the cuttings are rooted do not make the mistake of putting them into rich soil to make them grow good. They do not need it, in fact, are far better without it. Some good new loam, with a little leaf soil added, if you have it, is all the plant needs in its early stages.

Novelties.

The novelties are generally pretty well disseminated this month and, while they will stand some increasing, do not propagate them to death and then kick about the constitution of new varieties. Some of the new ones, notably F. A. Cobbold, W. Duckham and Ben Wells, are particularly strong growers and these will stand more in the line of increasing than the average new kind. Donald McLeod and Cheltoni are such dwarf, sturdy little fellows that they cannot be increased to any great extent.

Mildred Ware is showing a little of the leaf trouble that is characteristic of its parent, Madame Carnot, but it is vigorous enough and will grow out of it when the weather gets warmer.

There are some older varieties, that, now they can be bought cheaply should be grown by everyone, for they are grand. Mrs. Thirkell, Lord Salisbury, F. S. Vallis and C. J. Salter are all splendid kinds. While the average florist may not have much surplus cash, after such a winter as this, with which to buy many new things, he will find it a profitable investment to try either of these four varieties.

Brian Boru.

POMPON CHRYSANTHEMUMS.

For Business and Pleasure.

To those who have been in the habit of looking at the pompon chrysanthemum as a thing of beauty only, and have not thought of it as a profitable investment, perhaps it may be a surprise to know that there is more money in them, to a certain extent, than in the large flowering varieties, simply because better results can be obtained at less expense, as they do not need the attention which must be given the large flowers to bring them to a high state of perfection.

First, good commercial varieties must be selected, suitable to meet the several different wants they are to fill. It is not necessary to have a large number of varieties. To cover the ground in a general way not more than twenty to twenty-five are required, divided in, say, two or three good whites, both early and late; the same of yellow and pink and one or two red or bronze. Care should be taken to select varieties suitable for sprays and bunching, of the admirable large flowering or aster type, such as make flowers from two to two and one-half inches in diameter. Among the

A Plant of Nephrolepis Exaltata Scottii in a 14-inch Pot.

varieties of recent introduction there is a great diversity of color and beautiful form of flowers, from those as single as a daisy to others that are densely double, some with petals as curled and twisted as a cactus dahlia, until it seems as if every possible diversity of variety has been obtained.

Several of the long-sprayed varieties should be selected for decorations, and a few of the small or button types for the finishing up of bunches of the large flowers, as there is nothing which gives a bunch a more perfect finish than a few of the tiny ones of the same color about the stems, or of the exquisite, delicate shaded singles. And in making up a box they are fine beyond description, far superior to carnations, violets, etc., and make a delightful contrast.

Where the florist has a retail or jobbing trade, especially in the suburbs of large cities or in country towns, there should be some of the very dwarf varieties grown in pots, such varieties as Globe d'Or, Rosinante, etc. They are only from twelve to fifteen inches high if grown in 3-inch pots until the first or middle of August, then shifted to 4 or 5-inch pots and plunged in a frame or some position where they can be watered and fed to some extent. They will make better plants for the critical customer than the large flowering varieties, grown either in bush form or to single stem. They are more natural looking, easier to handle, more catchy, look more in keeping with the season and, in fact, seem to fill a long felt want better than anything else just at a time when they can, or at least should, be seen blooming in every garden, shrubbery and hedge along the highways and by-ways, in the magnificent and well-kept grounds of the wealthy or cheering the cottage of the poor, at a time when all other blooms are gone and everything looks dreary and when there is no more of the "good old summer time."

While they are supposed to be hardy, and a good many people think able to take care of themselves, there is nothing that will pay more interest on good common sense treatment. Plant them once and let them take care of themselves and you will be surprised at the amount of flowers they will produce; plant good young plants every spring, give them good attention and you will be more than surprised at the amount of bloom and what good blooms you can cut. There are some few but not many autumns when the aster varieties will come to perfection in the open ground throughout the northern states, for which these notes are intended. The smaller varieties make a splendid appearance if planted where they are protected from the driving winds and rains.

Our practice is, for what we want to cut for market, to plant in the field eighteen inches apart in rows wide enough to work with a horse, topping occasionally to get good bushy plants. We commence lifting them the first week in September, then some every week until frost, using a cold frame at first, or any place where they can be kept from hard frost, and later putting them in a house where a little heat can be turned on when it is very cold. In this way we have a succession of crops from early October until about Christmas. As a general thing we cut from ten to twelve good sprays from a plant, with stems fifteen to eighteen inches long and four to six flowers to the spray. For this we consider Prince of Wales the best white. Grown in the field they make good plants for filling beds in lawns, parks, ceme-

teries, etc., and what of the small flowered varieties are wanted can be grown the same way.

When long stems are wanted, or a finer class of flowers needed, it is always best to plant in a house and give the same general treatment as that given the large flowering chrysanthemums, except the disbudding, of course; pinching back to produce about five or six branches to the plant, when they should make stems from two to three feet long. When the object is to get tall sprays, from three to four feet, it is best to keep them to single stems, giving plenty of room that they may bloom all the way up the stems, with plenty of foliage. There is nothing finer for general decorative work, in fact they promise to equal if not become more popular than the larger flowers for this purpose, as soon as the people become more acquainted with the many different, wonderful and beautiful shades in the new creations. And it will be well for those in a position to make the best use of public taste to prepare for a demand all along this line in the near future, as there promises to be a change with a large class of buyers of the queen of autumn.

For Autumn Bedding.

When the hills have laid off their mantle of green and all nature tells us of the approach of winter, who but has watched with saddened heart the beautiful flower beds take on a very desolate and dreary appearance at the first advent of the chilly nights? When the bedding plants have lost their leaves and show only bare and unsightly stalks, somewhat worse than nothing, who but has wished for something to take their place and extend the days of life and usefulness for a greater length of time?

The pompon chrysanthemum is just the thing, having been grown in the garden, along the hedges or among the shrubbery; in fact, some should be grown to leave there and bloom. They can be transplanted very nicely if taken up with care and well watered and, while they perhaps will not make as fine flowers as those grown under more favorable circumstances, yet they will make a creditable appearance and will look considerably better than the bare stalks of the summer bedding plants. If some protection is given on severe cold nights, or to keep off the rough winds and winter rains, they will look good late in the fall.

The small or button types are the best for outside bedding, as they will stand the rough treatment and look better than the aster types; such varieties as Golden Pheasant, Little Pet, Labanah and a host of others. There is an old-fashioned yellow, Drin Drin, with small flowers not much larger than the end of your finger, that does very well, planted among shrubbery. The foliage is a beautiful glossy green and the flowers will stay on until they almost dry up, holding their color way into the winter months.

The larger varieties are best for cutting and when it is not convenient to grow them in a house they will do very well planted along the protected side of a building or hedge. They do well and look nice planted along the edge of a porch and will, as a general thing, come quite perfect.

Is there anything that can give a suburbanite more pleasure than to carry a bunch of fairly magnificent chrysanthemums, cut from his own garden to the city with him to give or show to his friends or fellow employees? And there is nothing to keep the city man from enjoying them in his own yard, as they are a thing that can be enjoyed by all who have a few feet of ground space. They can be brought from the field all ready to bloom, and where there is no ground at all they can be planted in pots or boxes.

Having occasion to cross from Jersey City to New York one morning last fall, at the time when the crowds were going to their daily occupations, I was surprised at the number of people carrying hardy chrysanthemums, some of them certainly a credit to their producers, and yet they had been grown without any of the expensive paraphernalia of the practical florist. Taking all in all there is no reason why everybody should not have some of these to help extend the summer as long as possible. R. A. Vincent.

Agave Americana in Flower

Dawson, Alaska.—Daily, Edwards & Wallace have built a greenhouse on the second high dome back of Dawson and have young stock started.

The blue spruce, one of the handsomest of evergreens, has been so largely grown that prices are variable; the inquiry is now for the Koster variety, which is not so plentiful.

AGAVE AMERICANA IN FLOWER

The possibilities of the outdoor garden in such a magnificent climate as that of southern California must be very great, and one of these decorative possibilities is shown in the accompanying engraving, in which is depicted a very fine specimen of the common century plant, Agave Americana, in full flower.

Just what the dimensions of this particular specimen were we are unable to state, but the flower stem of this agave has been known to reach a total height of forty feet, and frequently grows to twenty-five or thirty feet. The individual flowers of this plant are rather insignificant, being quite small and yellowish green in color, but the immense size of the flower spike with its many branches and multitude of flowers makes it a conspicuous object and one of much interest.

The popular idea that the American aloe is really a century plant and consequently does not bloom until it is 100 years old, is of course a fallacy, the age at which such a plant will bloom being largely governed by the conditions under which it is grown, and being seldom less than fifteen to twenty years, and sometimes not until the plant is sixty or seventy years old. But when a specimen of Agave Americana does start to flower its progress is remarkably rapid, the flower stem pushing up from the center of the plant like a gigantic stalk of asparagus, and growing at the rate of five or six inches per day.

There is, however, some truth in a portion of the popular belief regarding this agave, for the tremendous effort of the plant in producing so great a flower stem is fatal, and soon after the flowering is completed the plant dies off, though usually succeeded by some young growths from the root. But though the flowering of this species is fatal, yet the rule does not hold good for all the agaves, some of them flowering several years from the same plant.

W. H. Taplin.

ANTS IN PEONY BUDS.

For the last two years I have lost most of my peony flowers because the buds were eaten or sucked by black ants, not the very large kind but a medium sized black ant. I would find at least one in each bed and the bud never developed, stayed right there and finally withered. What can I do to get rid of these ants? W. H. S.

The ant in itself does not do much harm to the peony bud, but by taking away the moisture which exudes from the bud, leaves the outside very dry and it is therefore more readily affected by the air drying it out. The fact that the bud is in a condition to be affected by the taking away of the small amount which the ant would absorb, shows that the soil is in an impoverished condition. If the plant had plenty of good rich earth to draw from, this condition of affairs would never be. The only way to treat these plants is to place around the stems of the plants some foreign substance, such as cotton saturated with tar, to keep the ants from climbing up the stems. B. S. Gage.

Bryn Mawr, Pa.—The private greenhouses of James Rawle were damaged by fire March 13 and considerable stock was destroyed.

A Frond of the Improved Form of the Pierson Fern Now Occupying the Attention of the F. R. Pierson Co.

A SPORT OF PIERSONI.

The F. R. Pierson Co., Tarrytown, has a remarkable sport from Piersoni, the popular gold medal fern of 1903, that bids fair to more than duplicate the success of its parent. It was discovered two years ago and has been carefully guarded, watched and propagated, until now a large house is filled with it and its progress warrants reliable estimates as to its value. It is really a double fern, bipinnate, leaves equally furnished back and front. The fronds are shorter and broader than Piersoni and more refined, finished and symmetrical. "As far ahead of Piersoni as Piersoni is ahead of the Boston," is Mr. Pierson's own estimate of its beauty and value to the trade. A plant of this wonderfully beautiful novelty will be shown this week at Boston and this will be the first time it has ever been placed on exhibition. There are no two opinions as to its beauty. I have never seen anything in the fern family to compare with it. Nephrolepis Piersoni bipinnatifida, expresses it, but the name must be shorter to be popular. The Tarrytown fern I suggested as the proper cognomen and Mr. Pierson thought it would be hard to better it. However, I can assure our readers of a wonderful treat and surprise when the opportunity comes for them to see it.

Piersoni itself is still being grown abundantly and Mr. Pierson has hundreds of fine specimen plants at the big Scarboro greenhouse. The new fern will not be in the market before 1906. The demand for White Lawson and Enguehard has been tremendous, Mr. Pierson tells me, and the stock of the former is already nearly exhausted.

J. Austin Shaw.

AMERICAN ROSE SOCIETY.

The annual exhibition of the American Rose Society, held in conjunction with the spring show of the Pennsylvania Horticultural Society, opened on Tuesday evening, March 22, at Horticultural Hall, Philadelphia. In point of quality the show was equal if not superior to its predecessors but the number of exhibitors and the quantity of the exhibits fell below expectations.

The first premium of $100 for fifty blooms American Beauty carried with it the Lord & Burnham challenge cup and was won by Paul M. Pierson, Briercliff Greenhouses, Scarborough, N. Y., after sharp competition with John Burton, who took second. Both vases were of fine quality, scoring almost the same number of points. Two other vases in this class were disqualified for having fifty-one blooms each.

In the regular classes, on twenty-five Beauties Myers & Samtman were first, the Briercliff Greenhouses second.

A. Farenwald was first for twenty-five Liberties and also captured first with Liberty in the class for fifty blooms any variety except Beauty and Queen of Edgely. Judging by the quality of these blooms Liberty will also be barred in the future.

La Detroit was shown in splendid form, making a favorable impression on the experts present.

Golden Gates from Robert Simpson, Clifton, N. J., were superb in size and color, ahead of anything ever seen here.

John Cook, of Baltimore, sent four interesting seedlings. Probably the most promising are Enchantress, a shell pink, and Cardinal, crimson, but the others were good, a white and a pink.

John Burton showed a fine vase of American Belle which attracted much attention.

Gen. MacArthur was shown by John N. May. It is a red, said to be a free bloomer, the buds carried on strong stems clothed with very fine foliage.

Frank L. Moore, of Chatham, N. J., showed Bridesmaid from its home, not for competition but of good quality. George Anderson was first on this variety, Stephen Mortensen, Southampton, second.

On Bride John Andre, Doylestown, was first and Mr. Mortensen second.

Myers & Samtman were first on Queen of Edgely and on Sunrise.

There were many nice vases from private gardeners.

In carnations Prosperity, Enchantress, Gov. Roosevelt, Mrs. Lawson, Mrs. Bradt, Dorothy Whitney, White Cloud, Joost, Adonis, White Bradt, Lorna and others were shown in good form. The F. R. Pierson Co., Tarrytown, sent some very fine blooms of White Lawson, also Daheim, which is very fragrant, has a stiff stem and is a fine crimson. The same firm sent Hydrangea Hortensis with flowers of a beautiful shade of pink.

Louis Dupuy, of Whitestone, N. Y., sent a choice collection of plants, including blue and white Hydrangea paniculata and ericas in variety, a pair of each.

John Scott, of Brooklyn, showed nicely grown specimens of Nephrolepis Scottii.

The H. A. Dreer Co. showed Asparagus myriocladus, new and a very fine thing.

The feature of the main stairway was the exhibit of S. M. Batchelor, gardener to C. B. Newbold, Jenkintown, Pa. This consisted of three plants of Areca lutescens, the central one filling the entire space opposite the main stairway.

There was a nice collection of rhododendrons and deutzias from the Wm. H. Moon Co., Morrisville.

A collection of six cyclamens from Frank Ibbitson, gardener for J. V. Merrick, received a certificate of merit as well as a first prize.

Jacob Becker captured first prize for the group of roses in pots, the premium being the silver cup valued at $50 offered by Jas. W. Paul, Jr., president of the Pennsylvania Horticultural Society. Mr. Becker also was first for twenty-four plants, three each of eight varieties, thereby winning the silver cup offered by Dingee & Conard, West Grove, Pa.

Lager & Hurrell had a collection of orchids including the best commercial varieties now in bloom.

The collections of blooming plants and spring bulbs were large and varied and of good quality throughout.

PHIL.

ROSES FOR HARDY GARDENS.

[A paper read by L. A. Martin before the American Rose Society, Philadelphia, March 23.]

In this short paper I will not attempt to enumerate all the species that are now cultivated, but will confine myself to a few well known varieties of merit and of different species that have proved themselves perfectly hardy and suitable for all purposes for which they are best adapted, omitting with but few exceptions, the hybrid perpetuals, tea scented and other varieties of so-called florists' roses.

Many species other than the above named are so very little known as to be little appreciated; I refer to our so-called wild roses and their hybrids, which are equally suitable for the decorations of the hardy gardens as their more queenly sisters. Their ease of cultivation and adaptability to grow to perfection in many different kinds of soils, high or low, light or heavy, is a recommendation. They will readily respond, however, to a better treatment and they ought to be more generally planted.

If a proper selection of varieties is made they can be had in bloom from May to November, and not only are their flowers beautiful, but their bright colored fruits, which succeed the flowers in many kinds will adhere to the plant until new growths start in the spring. One of the greatest differences from other roses is that the flowers of the wild species are single, but many of the hybrids are semi-double.

They will need less care and attention when well established; a little thinning and shortening of the branches and the cutting of the dead wood once in a while is all they require; they are also less subject to insects and fungus than other garden roses, and so varying in growths that there are many different ways that they can be used advantageously.

Rosa rugosa, a Japanese species, flowering in June, is one of the handsomest in cultivation. It forms a sturdy and erect bush about four feet high, with handsome, glossy foliage, and producing ten or more flowers in a cluster. Its orange-reddish fruits are very ornamental and should be in every collection. I think this rose could be used advantageously in forming hedges, cut to keep the required shape. Other forms of this variety equally as useful for many purposes are R. rugosa alba, pure white; America, crimson; Blanc double de Coubert, white semi-double; Madame Charles Worth, red purple; Mikado, crimson semi-double; calocarpa, soft rose, with pretty fruit; coruscans, clear pink, distinct; Georges Bruant, white, double and very fragrant, and others.

R. Carolina, the swamp rose, has flowers rose-colored in June, about four feet high, fine for low and wet ground.

R. canina, the dog rose, is a British species, forming large, erect bushes, with cup-shaped blossoms appearing in June, changing from white to deep rose. Many fine hybrids have been obtained from this species.

R. centifolia, the Provence rose, is from three to six feet high, very sweet scented, rose purple flowers in June and July, succeeded by fragrant fruit.

The variety R. muscosa is the original well known moss rose.

R. ferruginea is a tall growing species, flowered deep red in August, fruit purplish red.

R. lucida is an American species, two feet tall, with red flowers from May to July, deep red fruit. A variety of this rose with double flower is flore-plena.

R. arvensis or repens, flowers white in June, fine for covering rockery and gravelly hills. A few varieties of this are Queen of Belgians, creamy white, double; splendens, flesh, bud crimson.

R. rubiginosa, the sweet briar, is a very fragrant wild rose, flowers in June, pink, excellent for hedges, tall growing. Hybrids, sweet briars or Lord Penzance roses, which are crosses of the common briar with garden roses, are very vigorous and hardy plants, very sweetly scented; the flowers are single or semi-double, ranging in color from pale yellow to crimson. There are about fifteen varieties of this popular rose, and all worthy of a place in hardy gardens.

R. setigera, the climbing or prairie rose, is a native of North America, with stems fifteen to twenty feet, flower deep rose changing to white, in July, fruit red. A favorite variety of this is the well known Baltimore Belle.

In R. Wichuraiana, the memorial rose, another Japanese variety of great merit, we have a very useful rose, valuable for its creeping qualities, also for climbing low trellises, traveling over rocky slopes, gravelly embankments and growing where other roses could not live. Some of the best hybrids are Gardenia, yellow to cream; Evergreen Gem, one of the very best for its foliage, flower yellow to white; Universal Favorite, large, double, fine rose pink, very fragrant, and many others.

This paper would not be complete without mentioning the climbing varieties of hardy roses, of which we have plenty of distinct colors and types to suit everyone, and which are more and more used every year. They can be employed for ornamentations on many parts of the garden, where other kinds of plants would not be so effective and conspicuous.

This class of roses must be trimmed sparingly, cutting only the laterals back to one bud and preserving only the strong shoots to the height desired. They are unsurpassed for covering old buildings, unsightly walls, old trees, some lonely rocks, trellises, arbors, screens and the much talked of pergolas. Think of the effect that could be obtained with the well known Crimson Rambler for covering the last named if the branches or stems were arranged and tied in festoons on the sides. Many other places can be found for using this favorite climber to advantage. Other varieties of this popular rose and equally as beautiful are: Aglaia, pale yellow; Claire Jacquier, nankeen; Electra, yellow; Euphrosyne, pink with white center; Psyche, rosy pink and crimson; Thalia, white semi-double, without forgetting Philadelphia Rambler, pegged down and growing as a trailer; in standard or bush form they are equally desirable, and in this way will add much diversity and color to the environment.

A magnificent climbing rose, not often seen as yet, is Paul's Carmine Pillar, with its bright, rosy carmine, large single flowers. It does not grow as tall as other varieties, but will grow perfectly well against the north side of a building or wall; a very free grower and bloomer.

Other varieties found perfectly hardy and of different species are Queen of the Prairies, deep rose and vigorous grower; Russell's Cottage, dark crimson, very rapid grower; Climbing Clothilde Soupert, pure ivory white.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

Many others of either bush or climbing varieties of hardy roses could be added to the foregoing, and useful in some way or other for the embellishment of the hardy garden, as there will always be found some part of it where something is wanting, and where a bush, trailing, pillar or climbing rose would be just the thing.

GESNERA EXONIENSIS.

By very many plantsmen the beauty and usefulness of some gesneras for winter flowering have been overlooked during recent years, especially since the introduction of retarded subjects suitable for forcing, and the greatly increased culture of bulbous plants. But formerly several gesneras, notably G. cinnabarina and G. exoniensis were extensively grown for winter flowering, and a stock of these was considered as being as much a part of the regular routine for the provision of winter supplies as stocks of poinsettias, or even zonal pelargoniums. So gradually do plants, and even certain classes of plants, fall out of general cultivation at times, that it is only when good batches are brought before the public that we recognize the fact that they had somehow been forgotten.

There is a great danger in these days of repetition in stocks of winter-flowering plants; certain subjects have become popular, their culture is so well known that mistakes are rare, and, moreover, they are, unquestionably, very useful, but when one visits half-a-dozen places during the winter months and finds in each the same kinds of plants grown in the same manner, it becomes a little monotonous, to say the least of it. If to these popular plants something of a distinct character could be added the interest in the display would be much keener.

Gesnera exoniensis offers an opportunity for some growers to improve their collections next winter. Messrs. J. Veitch & Sons, Chelsea, recently exhibited beautiful plants at the Drill Hall, Westminster, clothed in broad, rounded leaves of a dark and rich velvety appearance, studded with tiny red hairs, and producing erect branching spikes of slightly pendulous flowers of a rich orange-scarlet color, with a yellow throat. An idea of the shape and size of the flowers, and the formation of the spike, can be obtained from the accompanying illustration.

In the matter of cultivation Gesnera exoniensis offers no difficulties to those possessed of moderate conveniences, such, for instance, as a brick frame, or pit, provided with hot-water pipes, and also a house where an intermediate temperature is maintained during winter. Propagation is easily effected, and the same methods employed for the increase of gloxinias will suffice. This gesnera readily responds to leaf propagation, and where a few plants are purchased in the autumn this provides the grower with an opportunity of securing a useful stock of tubers that will result in good plants for the next season. Such leaves as can be spared without materially reducing the beauty of the specimens should be dealt with previous to October, when they will produce young plants in the same manner as gloxinias and foliage begonias when similarly treated. As the tubers of G. exoniensis are sparingly produced, leaf propagation is a matter of considerable importance, and is often of more value than increase by cuttings.

Gesnera Exoniensis.

April is quite early enough to start the dormant tubers, placing them in pans of light soil, and covering them to the depth of half an inch. Afford a temperature of from 60 to 70 degrees and provide a moist atmosphere, so that hardly any water need be applied after the first watering to settle the soil. When the young growths are an inch high, lift the plants separately, and pot each one in a 60-sized pot, in a mixture of light loam, leaf-soil and sand. Careful watering, and attention to syringing for the purpose of keeping insect pests at bay, must be given, otherwise the leaves will not grow regularly, neither will they be so beautiful as they might, and if the foliage is not well preserved right up to and during the period of florescence a great deal of the plant's beauty is lost. Early in July 6 or 7-inch pots must be provided, and at this potting a little dried cow manure, finely sifted, may be added to the mixture already prescribed. Directly the plants have taken hold of the new soil they may well be placed in a frame or pit, keeping them close at first, but eventually admitting plenty of air during the day. Here the plants may remain, keeping them near the glass, until the end of August, when they had better be housed. If warmer treatment is given through the summer this gesnera flowers in November and December, but if grown as advised December and January will be the flowering time.

The flowers of G. exoniensis are not particularly useful for cutting, but a well-grown plant, with its rich leaves covering the upper part of the pot, looks remarkably well in a jardiniere set upon the dining-table, or placed in the drawing-room, and in either case its distinguished appearance commands attention, and excites interest. As so many subjects harmonize or contrast with this dark-leaved gesnera, a number of plants in a conservatory help to produce a handsome and novel display, and, provided the structure is not a draughty one, they will last a long while in beauty.—Gardeners' Magazine.

Petoskey, Mich.—S. J. Long reports trade good and prices right. Roses are a little backward, owing to cold nights, but will come on for Easter. Lilies are prime and carnations A No. 1. Morning Glory is glorious to behold. The only failure is Mrs. Potter Palmer, which has too much rust and splits badly.

AT THE COTTAGE GARDENS.

To one who has never visited the Cottage Gardens, or to one even whose visits have not been made for a year or two, the great carnation factory is a revelation. Added to it all now comes the rapidly developing nursery business, which promises in time to become an even more interesting and profitable venture than the carnation industry. In the big house of carnation seedlings are some of the grandest flowers I have ever seen. Many of them are certain to become popular favorites and money makers when disseminated. To describe and particularize them all would take a book as large as Mr. Ward's fine work, The American Carnation, for which by the by, he tells me there is a constantly growing demand. Among the new flowers of especial beauty and merit are:

No. 564-02, a Lawson pink with a 30-inch stem, a 3½-inch flower and one that never bursts its calyx; very prolific. No. 2504-02, 4¼ inches, a Lawson pink with a 48-inch stem; a flower exactly like Prosperity. No. 2528-02, a 40-inch stem, 3½-inch flower, brilliant rose pink; as free a bloomer as Harry Fenn. No. 660-02, a beautiful white, 3¾-inch flower, 24-inch stem, perfect calyx and good bloomer. No. 667-02, white seedling of Harry Fenn, 3½-inch flower, as free a bloomer and of the same habit. No. 2621-02, immense white with a slight framing of crimson, very strong 30-inch stem, the stem measuring a quarter of an inch through; a splendid bloomer. No. 2651-02, white, the Lawson type and as perfect stem and calyx; profuse, flowers average 3¼-inch. No. 2653-02, a white, 3-inch flower, very free and fragrant; will surely be heard from. No. 100-01, a deep lavender and quite a novelty. No. 303-01, the large scarlet, a half interest in which has been sold to the Thompson Co. No. 211-01, an intense crimson flower 3¼ to 4 inches. No. 234-01, a wonder, being deep crimson with 4-inch flowers and stems over four feet. No. 217-02, brilliant crimson, Gomez shade, 4-inch flower, 3½-foot stem. No. 222-02, very similar to above and as free a bloomer as Harry Fenn. No. 228-02, a grand flower which Mr. Ward calls "a crimson Prosperity," average 3½ to 4 inches and stems four feet; a certain acquisition. No. 401-01, a delicate flesh pink of the Enchantress shade, a perfect keeper and shipper, as free as Morning Glory, 3½ inches and over; a beauty. No. 716-03, a clear lemon yellow without a trace of scarlet, crimson or pink, flowers averaging over four inches. A fine novelty and likely to be a permanent addition to the new introductions. A flower three weeks on the plant was still deliciously fragrant. It bears no pollen and has an imperfect pistil. No. 556-02, a fine rose pink, 4 to 4½-inch flower, deep, with large calyx, does not burst; resembles a chrysanthemum in form. No doubt of its brilliant future.

Mr. Ward has 75,000 carnation plants in benches and in 2½ and 3-inch pots, every one of which will be used for indoor planting and not a plant in the field for their own use. The houses filled with the established varieties are in splendid condition, an average of 15,000 flowers a week now being cut for the wholesale market, all of which are handled and disposed of by John Young.

Mr. Ward is cutting from four crimson varieties, The President, Harry Fenn, Octoroon and Gov. Roosevelt; from three light pinks, Enchantress, Alpine Glow and Mrs. Thayer; from four dark pinks, Lawson, Ethel Ward, Floriana and No. 508; from three whites, Mackinac, Lorna and Gov. Lowndes; from three scarlets, Gov. Bliss, Christmas Eve and Adonis; from one yellow, Golden Eagle, and from two novelties, Judge Hinsdale and Prosperity. Mr. Ward considers Enchantress his best paying carnation and says of Lieutenant Peary that it is a grand white resembling Lawson.

Two large houses here are devoted to Begonia Gloire de Lorraine, 6,000 pots and baskets being planned for to supply the Christmas demand. In one of the propagating houses are 50,000 to 60,000 evergreen cuttings, over seventy different varieties, all rooting nicely and including every popular evergreen grown in America, and many rare varieties.

Three fumigating houses have been erected, one of which is very large and with capacity for the handling of trees twenty-five feet in height. A most perfect system for generating gas for the purpose has been established and everything betokens far-sightedness and foundation for future trade of unlimited proportions.

The nursery proper consists of eighty acres, nearly all of which are already planted to ornamentals, many trees in size indicating years of growth and all of which are to be devoted to this class of stock. Imports of evergreens are already arriving and over 50,000 will be planted this spring.

Mr. Ward is a great believer in the wisdom of planting strong, large, well-grown stock. A peach orchard set out last year, of trees five years old, is an illustration of his faith, the trees already being of bearing size and covered with buds. A handsome sight is a block of 1,000 Colorado blue spruce three to six feet high. There are many rare specimens of Japanese evergreens. There are forty acres of woodland full of nut-bearing trees, where azaleas, rhododendrons and ground-cover plants will be grown and from the highest part of which a view of the ocean and many miles in every direction stretches out before one's enchanted vision. On this highest plane some day Mr. Ward will build a home that will vie with any on Long Island in healthful and beautiful surroundings. J. Austin Shaw.

The Enchantress Cup.
(Won at Detroit by W. K. Partridge.)

Roanoke, Ind.—A. Miller is the successor to George Stump.

Syracuse, N. Y.—The plants at the greenhouses of Henry Morris and the personal property in his store downtown were sold March 14 by the trustee in bankruptcy. The property was bid in for $650 by John Bates. The business will be continued.

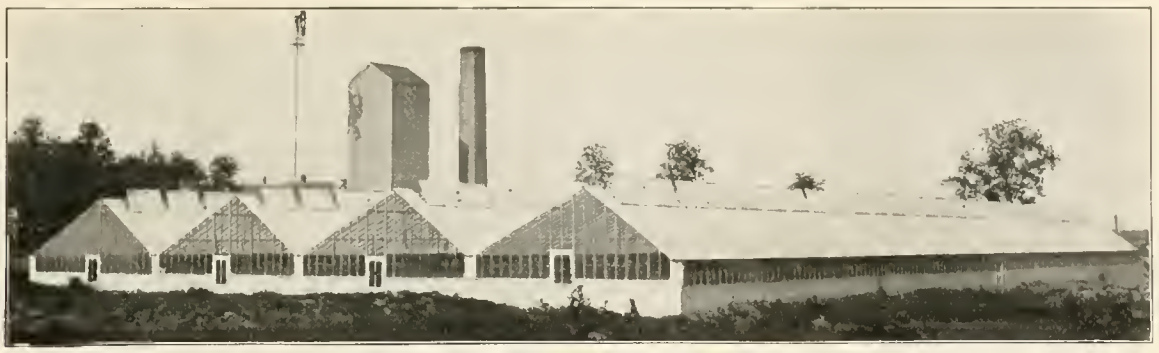
"PECKY" CYPRESS.

Progressive florists are always on the lookout for the best building materials and recently many of them have been taking up "pecky" cypress for bench lumber, those who have used it having found it to resist decay much longer than pine or hemlock. The appearance of the lumber is against it as it looks as though it were wormy or decayed, the defects resembling large worm holes which run with the grain and not through it, and florists who first commence using it will have to take it on faith and from what the experience of others has been with it.

The department of forestry at Washington has not been able to determine satisfactorily the cause of "peck" in cypress. It seems to be a little pocket or cavity in the heart of the tree which is filled with a dust-like substance, presumably caused by vermin or a chemical action that has taken out of the wood a certain substance that leaves this sawdust-like deposit. If it were not for this defect the lumber would be practically clear heart cypress and, as it is free from sap, it will resist decay as long as any known wood. It has been used in the cities of New Orleans and Mobile for years for drain plank and all underground work, owing to its lasting quality.

I understand that the average life of a bench in a greenhouse when built of pine or hemlock is about three years. I am satisfied that a bench made of "pecky" cypress, if used for this purpose, will not decay in fifteen to twenty years and possibly longer. Messrs. Bassett & Washburn, at Hinsdale, Ill., have been using "pecky" cypress for bench frames and sides since they first built their greenhouses and have benches that have been in use eight years or longer that show no signs of decay, and I am sure will be pleased to give full information as to their experience with "pecky" cypress. There are other greenhouses in the vicinity of Chicago where 1-inch "pecky" cypress has been used for five years or more, and the benches are still in use and do not show decay. I am pleased to state that I have sold 400,000 feet since last fall to be used in the construction of greenhouse benches in this vicinity.

If anyone would like to have further information regarding this lumber, we could get letters from the city engineers, regarding their experience with it in gutters and underground work. In putting in the new drainage system in New Orleans they have used "pecky" cypress for all of the drain work under the streets and in excavating in Canal street in December last, they dug up a cypress coffin that was almost in a perfect state of preservation which they figure had been interred 150 years. There was a coffin made of ash that was near it, but this had almost entirely disappeared, simply the outlines being left and a few small pieces of the wood. We can cite you to any number of instances of the lasting quality of cypress, notably the wooden boxes in which the mummies were enclosed in the pyramids, some of them at least 4,000 years old. Chambers' Encyclopedia states that the old wooden doors of St. Peter's at Rome were made of cypress and were in use 1,100 years,



Establishment of Nic. Zweifel, at Milwaukee, Wis.

when they were replaced, some 200 years ago, by the bronze doors which are in use and these old doors are on exhibition in the vatican to-day.

In conclusion I would like to quote an article which appeared in the Lumber Trade Journal, of New Orleans, November 1, 1901.

"A puzzle well calculated to mystify the average lumberman unversed in forestry lore, is the fact that 'pecky' cypress loses none of the phenomenal durability of cypress by being 'pecky.' Builders and engineers accustomed to the use of cypress in places the ravages of which are particularly trying, understand all about it, though, and are never slow to put 'pecky' cypress into any such places. The cavities which form in the tree and are filled with a dust-like substance, were formerly and to some extent may still be attributed to the ravages of vermin. It has, however, been ascertained that the phenomenon is only present towards and at the tops of the trees, and it is now believed by others to be due to deficient nourishment. Both deductions are, however, mere undemonstrated theories, but whatever the cause of the freak, the fact is beyond question that the presence of 'peck' does not impair the power of cypress to resist the ordinary causes of decay in wood."

C. L. Cross.

A MILWAUKEE ESTABLISHMENT.

Nic Zweifel is one of the largest, most thoroughly up-to-date and successful of the Milwaukee growers as well as personally one of the most popular men of the craft in the Cream City. The accompanying illustration shows Mr. Zweifel's new plant, erected two years ago from plans made by A. Dietsch & Co. While this firm's name is linked with the short-roof style of construction, by no means are all of their houses of that pattern, and Mr. Zweifel's four connected structures are each 28x200, covering a ground area of 22,400 square feet, or almost exactly half an acre under one roof. The side walls and gutters are six feet six inches high and there is glass all around the outside, making the houses very light. The ridge is fourteen feet six inches. The glass is 16x18. One No. 13 Kroeschell hot water boiler heats the entire place, which, all things considered, is quite a feat.

The Review is the cheapest help I ever employed; always ready to help a fellow out, never kicks or has things on the dry side, all for 2 cents a week.—W. A. Herbert, Wellsville, O.

PLAN FOR HEATING.

We have a boiler house 20x40 feet. Leading out from this house we have two houses 20x100 feet each, even span, solid side walls five feet high, glass gable at one end. At the end of the boiler house we have a lean-to 10x48 feet. Adjoining it are two houses 24x100 feet each, which run alongside the other 100-foot houses. The two wide houses have no partition wall. The outside wall has thirty inches of glass, even span, with glass gables at one end. Back of the lean-to and also against the boiler house we have another house 24x48, even span, with solid walls. We will put an entirely new heating system in these houses, about 14,000 feet of glass. We would like to have someone tell us how to put in a strictly first-class and up-to-date heating plant, giving class of boiler, horse-power, size of fire box, depth of boiler in boiler pit, size of pipes, etc. We want 42 degrees in one house 20x100; 52 degrees in the other house 20x100, 56 degrees in the two houses 24x100 and 60 degrees in the house 24x48. The temperature outside very seldom reaches zero. Southern Kentucky.

A steam boiler with 400 feet of heating surface will supply the necessary steam, at five to ten pounds pressure. Instead of using a single boiler with this amount of heating surface it would be better to secure two fifty-foot boilers with a slightly greater heating surface. Two boilers fire easier than one and maintain a more constant steam pressure than is possible with a single one, particularly if they are fired alternately. For greenhouse heating the simple tubular boilers, with or without steam domes, are best, set so as to work on the return tube system, *i. e.*, the fire box under front of shell, with a flue leading to the rear and opening into the fire tubes of the boiler, which causes the heat to pass under and about the shell of the boiler and back through the tubes to the smoke stack directly over the fire box. This scheme increases the heating surface of a boiler over the direct fire tube plan of most portable horizontal and upright boilers. The scheme requires that the boilers be set in brick but while this is an added expense it is economical in fuel and safer. There are many manufacturers of boilers of this type. The boilers should be set deep enough so the water line of the boilers will be at least two feet below the lowest point in the radiating coils in the houses. If it can be placed lower, so much the better.

The houses 20x100 feet will each require one 2-inch riser running to the far end under the ridge and then dividing into ten pipes either on the walls, over or under the benches, depending upon the crops grown and the type of benches used. The houses 24x100 feet will each require a 2½-inch riser running under the ridge to the far end of the house and there dividing into thirteen 1¼-inch pipes, arranged to conform to the benches and crops to be grown. The house 10x48 demands a 1½-inch riser and five heating pipes 1¼ inches in diameter, while the house 24x48 requires a 2-inch riser under the ridge and fourteen 1¼-inch pipes in the heating coils.

I would suggest that upon at least four to six of the heating pipes in each house valves be placed at the feed end of the pipes and swing check valves at the return end, so that in mild weather these pipes can be cut out. The cost of the valves will be more than offset by the ease in regulating the temperature in the houses.

I have not given dimensions of boiler, fire box, etc., because these are furnished by the boiler makers. All that is necessary is to indicate the number of square feet of heating surface desired, which in this case is 400, as above stated.

L. C. C.

CARNATIONS AT PITTSBURG.

It was carnation night at the meeting of the Pittsburg Florists' Club March 15, and we had a fine meeting. The hall was crowded to the door with members and the tables were aglow with masses of as fine carnations as you ever laid your eyes on. Preliminary business was soon dispatched. All smoker bills of the last meeting were ordered paid and still there is a "wad" in the treasury. One new member was elected and fifteen new names proposed for membership.

Fred Burki says we want the carnation convention, 1906, for Pittsburg, and so say we all of us. It is stated that Boston wants it, but as the Hub has had it twice to our once, and as the down east boys have always been mighty fair, I don't think they will step between us and our ambition. Will you, boys? You know we have the people here—750,000 within a radius of twenty miles—and the interest, and the conveniences and, boys, we have the bawbees, and will spend them, too. So, carnation growers all over the country, make up your mind to come to us in 1906.

Now for the symposium. Our exhibition consisted of two long tables, one filled by our home growers. The Pittsburg Rose & Carnation Co. showed great bunches of most of the leading varieties. Blind Bros., of West View, and J. L. Wyland, of Dehaven, each showed splen-

did blooms of leading sorts. Outside florists filled the other table with their new and special varieties and these were fine. F. R. Pierson Co., Tarrytown, N. Y., sent Adonis, Enchantress, White Lawson and Daheim. Adonis is behaving splendidly with them and Enchantress acts superbly. We all fell in love with the White Lawson. As a dark crimson their Daheim is a stunner.

H. Weber & Sons, of Oakland, Md., sent some of their New Daybreak, a fine flower and of the most chaste and delicate pink imaginable. W. J. Palmer, Buffalo, sent the Red Lawson. It took our eye and our heart. What a splendid trio this Lawson family is, red, white and pink, identical in everything except color, and all colors excellent. Fred Burki got up in meeting and declared that the Lawson was the best all around carnation ever raised.

John E. Haines, of Bethlehem, sent his namesake, also Juno, Imperial, Star of Bethlehem and No. 77. The variety named John E. Haines is a magnificent scarlet, big, perfect flowers, of firm, lasting texture and on stiff, long stems. Imperial is a variegated, large, of good form and texture, long, stiff stem and excellent keeping qualities. The Star of Bethlehem is a pretty yellow.

R. Witterstaetter, of Cincinnati, showed his magnificent Cardinal; it is a beauty. Charles Frueh & Son, Saginaw, Mich., showed their pretty seedling, No. 115. The Thompson Co., Joliet, sent big blooms of Estelle and Fisher.

Bassett & Washburn, Chicago, sent a great sheaf of as fine Mme. Chatenay roses as one could wish to see. The flowers were superb, stems stiff as pokers up to the neck and foliage excellent. It is now Sunday night, and three of these roses on my table are still fresh, beautiful and firm, but their stems have been shortened.

And now for disappointment. Don't swear; we already have done that. Three of the finest exhibits didn't reach Pittsburg until Wednesday morning, the day after the club meeting. These were from Peter Fisher, the Cottage Gardens and Dorner & Sons Co. Peter Fisher's box contained fine blooms of Nelson Fisher and Mrs. M. A. Patten. From the Cottage Gardens came The President, Ethel Ward, Judge Hinsdale and a large number of seedlings. From Dorner & Sons Co. came The Belle and Lady Bountiful. Every bloom in these three lots was simply perfection.

But they were not lost. We unpacked the boxes and cared for the flowers, and on Thursday evening exhibited them at the meeting of the Botanical Society of Western Pennsylvania in the large lecture room of the Carnegie Institute. All of the other carnations from distant growers that were at the Florists' Club and in good condition, likewise the Chatenay roses, were also exhibited before this society. Fortunately, it was the biggest meeting we ever had of the Botanical Society, completely filling the large lecture room. The members simply "went wild" over the flowers. At 10 o'clock a committee was appointed to distribute the blooms among the audience, and if you ever saw happy people in your life these were they.

At the botanical meeting the subject was "Ferns." Every species indigenous in Pennsylvania was shown. Henry H. Negley collected and sent north to us over forty species from southern Florida. The Phipps Conservatories furnished plants of every genus within its walls. Henry A. Dreer sent the rare water fern, ceratopteris, and from Fairmount park and the University of Pennsylvania came filmy ferns. Miss Oberly, an artist, exhibited some of her handiwork in ceramics and Madge Irvin, the artist, had a beautiful study of ferns and carnations in oil painting for this meeting and presented it to the president.

Dr. J. F. Shafer, of 1044 S. Negley avenue, an interested member, has invited the society out to his home next Thursday evening, March 24, to see his orchids and have a good time. And you bet we are going. The doctor has the largest collection of orchids between the Alleghanies and Chicago, particularly of curiosities among orchids, and a great many of them are now in bloom.

F.

PROPAGATING THE DAHLIA.

As the dahlia has now become one of the principal flowers, the subject of the best method of propagation seems to have become a burning question with the trade. Different growers seem to have their own particular ideas, but beneath the facts of the case are oftentimes discerned some particular reason for the diverging views. I shall, therefore, try to give the plain facts based on nineteen years' experience.

The first method, of course, was by seed. This was the quickest and cheapest method, and as there were no double varieties, very satisfactory results were given; but as particularly fine sorts were developed these were saved and were increased by division of roots, and where these divisions could not be made to a single eye, the extra shoots were carefully removed and grafted on to tubers of less desirable varieties. Later it was found that it was not necessary to graft these young shoots on to other tubers, and the method of grafting, therefore, fell into disuse, as it was a much quicker operation to simply smooth the cutting off and place in sand.

I would state, however, that for many years after grafting shoots into tubers of less desirable varieties had been practically abandoned, eyes and portions of tubers were inserted on very large tubers in order to get a stronger growth. Even this practice has now been abandoned, excepting for experience and pleasure. Propagation by seed has also been abandoned, except to produce new varieties. We therefore come down to the two principal methods of propagation, by division of roots and by cuttings.

Division of Roots.

The dahlia is really a tuberous-rooted plant and not a bulb or tuber in the strictest sense of the word, the eyes being formed on the crown to which the tubers are attached. In many cases the necks of the tubers are so short that in breaking off, or being pulled apart, eyes are attached to the end of the tuber. In other cases, the crown enlarges and extends in the form of a shoulder on the end of a tuber, and in this case the tuber can easily be removed with eyes, but generally the division must be made right through the crown, removing a section of the crown containing an eye or eyes. In dividing care must be taken that the neck connecting the tubers with the crown is not broken or twisted, so as to obstruct the passage of the nourishment from the tubers to the eye, as it is the duty of the tuber to keep the crown and eyes nourished. If the tubers are all removed from the crown, the eyes will shrivel and wither, while if the tuber is detached, it will keep itself in perfect condition under almost all conditions. In many varieties of dahlias, particularly in many of the single varieties, the tuber is connected by long, slender necks; sometimes a heavy tuber weighing a half-pound will be connected by a slender stem or neck several inches long, to the crown, in which case they are very hard to handle, as all tubers with broken stems or necks are absolutely worthless and might as well be cut off.

The division of roots can be done at any time after harvesting in the fall until planting time in the spring, by experienced growers, but amateurs or beginners should wait until the eyes become prominent, which will insure every division having eyes. A great many disappointments have had their origin in the belief that every portion of the crown contains eyes, and all that is necessary is to divide up the clumps with simply a section of the crown attached to the tubers. This is a policy, however, that will never be tried the second time. The number of divisions to be made on each clump depends entirely upon the variety. Some varieties make but few eyes, and of course the number of divisions would depend entirely on the number of strong, uninjured tubers and the number of eyes on the crown.

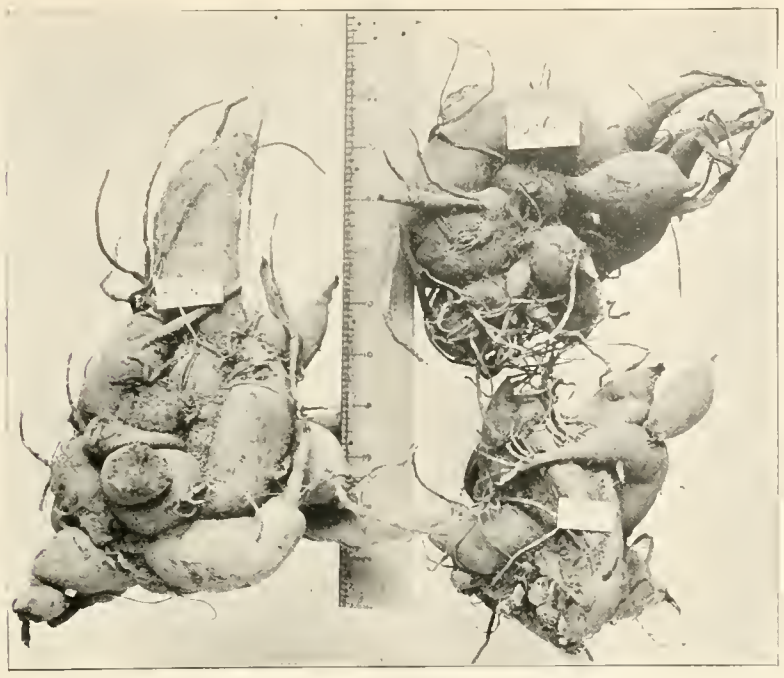
The divided tubers can be planted at any time after the danger of freezing is over, as they are placed in the ground and covered completely from two to six inches, according to the ideas of the grower. As the propagation by division of roots is comparatively slow, that is in the way of producing large quantities, or for new varieties, it is only used on the standard sorts; but to offset this, it is by far the cheaper method.

Propagation by Cuttings.

This method is the exact reverse of the preceding. While all that is required in the former being a sharp knife and a sharp hatchet or cleaver to cut through the heavy stems, this method is a science in itself, as the result depends entirely upon the care, attention and ability of the propagator. The roots are placed in the stock bench in soil about one-third well rotted manure, and the other two-thirds should be well rotted sod, these being well mixed together, and an application of bone thoroughly worked through. This is to supply strong, sturdy, vigorous cuttings without exhausting the bulbs.

As feeding roots are sent out from the bulbs, this is accomplished and if they are kept fairly dry, the cuttings will come strong during the entire season. That this stock is not weakened by propagation, we bear out in practice every way, by showing as fine a crop of blooms on our old stock roots as can be found in the country. We are aware that many propagators use poor soil in their stock benches, but this will not give the best results. The very best houses are also required for the cuttings, and pure sand about three inches deep should be placed on the benches, firmly packed.

When the cuttings have developed about three pair of leaves, they should be cut, the leaves shortened, and planted in the sand of the cutting house or cutting bench with a dibble. Here, again, judgment must be exercised, as the large



Roots of Dahlia Kriemhilde Grown from Cuttings.

cuttings must have more space than the smaller ones, and ample room must be given always to insure plenty of light and air. The best distance is about two and one-half inches apart in the rows and one-half to one inch between the cuttings in the row. These cuttings require both air and light, but judgment must be used, as a direct draught would cause the cuttings to wilt, while too little air and too much water would cause them to damp off. Heating is another factor. We have seen dahlia cutting benches run with 80 to 90 degrees bottom heat. This is very apt, however, especially in damp weather, to cause cutting bench fungus. We prefer a bottom temperature of 55 to 60 degrees and would like the top air to be about the same as the sand. We do not believe in having the sand 5 to 10 degrees above the overhead air. We find that a uniform heat of the sand and air gives stronger roots and stronger plants.

When the cuttings are placed in the sand, they should be watered thoroughly, and as little water used afterward as possible. There is no set rule to go by; simply watch the cuttings and the sand. The time of year and amount of heat required will determine the amount of water. In cold weather, when a strong bottom heat is given, it is often necessary to water the cutting bench every day. As we use steam exclusively, we do this watering at night instead of in the morning. Care should be exercised that the cuttings do not wilt in the bench. This sometimes requires one to three sprayings a day over the tops. This spraying should be done by a fine spray and not with a watering-pot, as keeping the top of the sand continually wet is apt to cause the cuttings to rot at the surface and is, besides, a prolific cause of fungus.

The time required for rooting dahlia cuttings is from one to four weeks, according to the condition of the cutting and the variety. A skilled propagator will, therefore, arrange the watering of his stock bench, giving some varieties more water than others, and will allow some varieties to grow larger than others before cutting down. The main object is to have the cuttings of each variety handled in such a way that they will all be rooted about the same time.

Another great cause for disappointment in propagating from cuttings is allowing the cutting to stand in the sand too long after rooting. We pot our cuttings when about half of them show roots, the rest being callused and ready to break into roots. If the cuttings are allowed to remain in the sand until heavy roots and sometimes little tubers are formed, they never make as good plants. The object sought is to take the cuttings out when they are in the best possible condition to make the best plants. Then, as the young roots start out, they begin feeding at once in the soil in the pot, and as they get nicely root-bound, they form heavy, compact clumps, as shown in the accompanying illustration.

After the plants have been potted up in 2, 2¼ or 2½-inch pots, they should be placed in a house of about the same temperature as the cutting house and shaded from the direct rays of the sun for a few days, or a week, the first, second or third days not allowing the sun to reach them at all, but gradually lessening the amount of shade until they become established in the pots, when they can stand the full sunlight.

Air and water should now be given judiciously, no rule being followed, but whenever the plants require water, give it generously. Many believe that because a dahlia can use lots of water, they should be wet all the time, but this is not the case and the soil should be dry after each watering before another application. Where too much water is given the plants become very soft and drawn, while good, stocky plants that are hard enough to bear shipment can only be grown by giving plenty of air and light, and only watering when required, and that thoroughly.

In planting in the open ground, as much space should be given to the dahlia plant as to a divided tuber, and if this is done, the roots at harvesting time will be found to not only be fully as large as those of the divided roots, but for commercial purposes will be much better. By looking at the accompanying illustration, this will be seen at a glance, for in the root grown from a cutting the tubers are wound around and matted together in such a way that they can be shipped long distances and handled even roughly without injuring or breaking the necks of the tubers, whereas, as every one knows who has ever handled dahlias, roots grown from divided tubers are very difficult to handle without breaking the necks of the tubers; in which case they are worthless and might as well be cut off. From this it will be seen that even should divided tubers give a strong clump at harvesting time, there will be less weight of actual tubers capable of giving nourishment than in the clump grown from cuttings, where the full amount is still in condition, having suffered no loss from handling.

The main objection to propagation from cuttings is the additional cost. It requires skilled help in every branch, modern houses, pots and a large amount of labor. The benefits gained, however, are that we are now enabled to offer new varieties the third year from seed in good quantities; besides, it gives us a more compact clump, worth much more for commercial purposes, on account of standing all kinds of handling.

In conclusion I would state that as propagation by division of roots is much cheaper than by cuttings, we plant hundreds of thousands of divided roots every year, in fact use this method on all varieties where stock permits. On new and rare varieties, and where we have not sufficient stock to divide, we are forced to propagate by cuttings, as no dahlia grower can be strictly up-to-date and offer best varieties and still confine himself to the one method.

Over-Propagation.

Much has been said about the weakening of stock by over-propagation. We would state that any weakening of stock is done by injudicious treatment or method, for as long as the stock benches are properly handled, and strong cuttings grown, and proper treatment given in the cutting bench, and with the young potted plants, no damage is going to be done.

The roots in the accompanying illustration were taken from a bin of the new cactus dahlia, Kriemhilde. Our object in showing Kriemhilde is that it is a new German variety of which in 1902 we had one root for trial. We propagated all we could the entire season and, were so well pleased with it that we secured additional roots, which we placed in the stock bench for 1903. We pushed this stock, using every known method to multiply and produce cuttings and in a block of 2,000 plants we failed to see a single imperfect or open-centered flower during the entire blooming season. It will thus be seen that instead of making a weaker root, propagation by cuttings makes fully as strong, without loss of vitality if properly done. In proof of which Kriemhilde has been propagated hard every year since it was grown from the little black seed, and the photograph shows the result.

W. P. Peacock.

The Review is a ray of light, a morning sun to the progressive florist.—J. R. Elder, Sioux City, Iowa.

EXTERMINATING GREENFLY.

Regarding the extermination of greenfly in greenhouses, I wish to say that many florists do not appreciate the value of the punk preparations because they do not know how to apply them properly. It is the only thing we use in the shape of tobacco, no stems or dust being seen on our place the year around.

We have large wire hooks bent like the letter S to hang on the side bench boards; on these hooks we slip on as many rolls of the punk as we wish to use in the house, being careful to distribute evenly or to bunch up where heavier effect is wanted. We apply in every walk of a house and none are lighted before all are placed and ready. Then we have a person in each walk backing up with a small torch, setting the rolls afire as fast as possible. The idea is to produce an overwhelming killing effect at once, which is the cheapest and best.

Now as regards strength, you can hardly overdo it, as we have never hurt any plant except Major Bonnaffon chrysanthemum in full bloom. Just now we have a bed of heliotrope in the same house with coleus for cuttings where the temperature is 68 degrees at night. The heliotrope is as rank as can be and to kill mealy bugs on coleus we used an enormous charge of punk for two nights in succession, cleaning the coleus all right and doing no harm whatever to the heliotrope. This is a severe test.

As to expense, it costs, but it pays if one considers his time worth anything, the appearance of his place worth anything, the absolute control without damage to any plant, be it maidenhair fern, heliotrope or spiræa, worth anything.

The only plant that suffered is Major Bonnaffon chrysanthemum in full bloom. All other mums take it kindly and a killing dose can be put into the mum house when flowers are fully developed. It is a good way to keep Begonia Gloire de Lorraine clean. If infested with mealy bug they should be treated before coming into full bloom, as it might bleach the color out of the flowers a little, mealy bug requiring an awful charge to kill them. We do no preventive fumigating. A killing dose is given when aphis shows. We find we can save money that way. For instance, our carnation house, 22x100, was operated from August 15 to March 1 without any insecticide whatever, also other houses likewise.

To get the best results select a quiet evening, if cloudy or rainy all the better, and shut the ventilators and apply. After one hour you can ventilate at pleasure. Fred Windmiller.

AN IDEA FOR ROSE BREEDERS.

It is now over a year ago since there convened in the city of New York an international congress of scientific botanists for the purpose of discussing the great problems of plant breeding. Then there was the recent meeting of the National Plant Breeding Association at St. Louis. It all goes to show that there is now an intense interest in new methods of selection and in cross fertilization for purposes of plant improvement. Yet, so far as the writer is aware, no one has ventured to suggest the idea that it is possible to breed away the thorn of the rose.

Be it remembered that this new hard and sharp process originally acquired by the rose as a means of defense, is no longer of any value to the plant. Thousands of years ago, when the rose was yet in its infancy, and when plant-eating animals were feeding on all manner of plant life, it must have happened that during this primitive struggle for existence among the myriads of forms and structures of plants, that various means were adopted to preserve their existence. One species would acquire a disagreeable odor, another an acrid or pungent taste, another toxic or poisonous properties, while others protected themselves by developing upon their structures stinging nettles or sharp spines, as the cactus, the hawthorn, the raspberry, the blackberry and the rose. The slightest variation in structure and in habit that would prove advantageous to the species would be seized upon by natural selection and transmitted to posterity. Thus if any plant chanced to grow upon its stem or leaf a prickly point that would offend the tender and sensitive noses of plant eating animals, and thereby escape destruction, such plant would survive in the struggle for life and perpetuate its kind.

The rose belongs to a large and very interesting family. Some of its members have grown into gigantic structures and have risen beyond the reach of animals, while others have been forced to acquire habits of an opposite character by seeking shelter and protection beneath the stronger growing thorny and prickly types. My purpose is here only to point out the extreme flexibility of the entire family, its readiness to yield to cultural conditions and environment. It is scarcely necessary to call attention to the great variety of roses, which have all emerged by successive divergences and from very primitive types. They all brought with them the thorns.

But the rose having come under the care and protection of man, the thorns are no longer needed, are functionless, and are as useless as bayonets after universal peace has been declared. Moreover, they are an abomination to the rose plant. They very greatly mar the loveliness and beauty of the rose. Already, however, there may be seen varieties that have fewer thorns than others, and occasional plants of a variety may be seen to differ as to number and size of thorns. I maintain, then, that it only remains for the young and energetic rose grower, by careful selection, propagation and breeding, to give to the world the true queen of flowers, a thornless rose.

H. Young.

THE LABOR PROBLEM.

The following is an extract from the address of Robert Simpson, of Clifton, N. J., at the March meeting of the New York Florists' Club:

When a man's establishment has grown too large for his own hands to do all the work in it, and he is compelled to employ others, he is pretty certain to encounter difficulties which will keep him awake late into the night trying to puzzle out. The help problem in its most aggravated form makes a grower often wish that he had been anything in the wide world but a florist. To read the advertising columns of our trade weeklies one would be inclined to take an optimistic view of the situation. As one's eye runs over the page we find it bristles with talent and experience all waiting to serve the man lucky enough to secure it; each applicant thoroughly fitted for any position of trust and responsibility; "capable of taking charge," is the stereotyped phrase. With so much talent, all the best, how is a man to make a choice? We make a venture; the sequel you all know. The man who knew it all when put to work and given the test knew almost nothing, or else had stored up all the knowledge there was and immediately took upon himself the benevolent task of instructing his ignorant employer. The itinerant florist is a wonder. When a man pulls out a pocketful of testimonials you had better have a hurry call to the telephone, slip out of the back door, and never come back that day.

It seems to me that in trying to solve the labor problem we shall have to do one of two things: employ only unskilled labor and furnish the brains and intelligence ourselves, so that the men will simply need to execute orders and work machine fashion; or else we must try to secure journeymen florists of a higher stamp of morality and intelligence than those we have at the present time. A number of growers that I have talked with are trying the former method with more or less success; they at least have the satisfaction of running their business in their own way and having the work done as experience and common sense dictates. One very serious drawback to this method, however, will be found in the fact that if the intelligence of the overseer is, through sickness or any other cause, withdrawn for any length of time, something serious is liable to happen.

If we adopt the other suggestion, I believe we will have to make our business more attractive, and offer greater inducements for young men of education and intelligence to seek such employment. Bright boys to-day will not choose a business for life that pays them no better and gives them no higher rank than that of a common laborer. The treatment which some employers give their men in the way of long hours, little recreation, scanty and poor food, and utter disregard for all the comforts of life is scandalous in the extreme. I have passed through it.

"IT IS TO LAUGH."

The following "fairy tale" originated in the brain of one who must have had a previous demonstration of the gullibility of the editors of daily newspapers. The first victim, according to all accounts, was the New York Globe, but the "story" was given credence in dozens of newspaper offices through the country and so reputable a journal as the Chicago Tribune gave the canard a place on its front page March 16. The narrative is reproduced here simply because, while the daily papers have published many ridiculous things about the flower business those familiar with the violet market will agree that this is "the best ever:"

John D. Rockefeller has cornered the violet market, and H. McK. Twombly has a monopoly of the orchid output. This announcement, not new to the florists of New York, who have been buying 30,000 violets a day from Mr. Rockefeller at Dobbs Ferry, and have for many months been depending entirely upon the greenhouses of Mr. Twombly, at Madison, N. J., for their supply of orchids—particularly those of the popular mauve variety—came like a thunderbolt out of a clear sky to the men on 'Change and the thousands of people who wear violets and are familiar with the Standard Oil Company. Mr. Twombly, who also sells milk, does not, therefore, depend upon the sale of orchids for his sole revenue. His gardener gets most of the benefit. Mr. Twombly merely wears an orchid

in his buttonhole now and then, and sometimes inspects the greenhouse. But it is different up at Dobbs Ferry. Mr. Rockefeller has the best sort of violets grown. He charges anything he wants for them. They are Standard, for the debutante, the matinee girl, or the young man who likes them on his frock. They are just like oil. Only they bloom instead of burn. Every member of the famous Sunday school class is presented with a blue bouquet of the finest variety each Sunday. Therefore that day the price of violets down town is higher. They cost 25 cents more a hundred, so the greenhouse men say.

The train that runs down from Dobbs Ferry about 9 o'clock in the morning is called the Rockefeller violet special. It is met each day by crowds of local florists, who are anxious to make the first bid and get the choicest bunches. The station at that time, as every one knows, is redolent with the fresh purple perfume. Mr. Rockefeller now and then comes down in the car himself and presides at the auction. He knows each bunch of flowers, its price—and the Standard Oil rules of procedure hold throughout. Those which are picked by Mr. Rockefeller himself are said to be the most expensive.

The day that Mr. Rockefeller's cow jumped over the fence and landed in the flower bed, as well as the time the ladies from Dobbs Ferry Seminary inspected the greenhouse, the price of violets in New York City was doubled.

It is said that the merger decision will not affect this horticultural combination.

The Rockefeller gardener, when interviewed at Dobbs Ferry today, said: "Yes, we have a corner on the violet market. Our violets are the best known, most popular, and largest species in the world. Sprinkling them liberally with oil each morning induces a rapidity of growth and a poignancy of odor that can be obtained in no other way. I am sory to hear that all other violet growers are going out of business, but, as Mr. Rockefeller has so often told us, 'Business is business, in love or war.'"

SOCIETY OF AMERICAN FLORISTS.

Meeting of the Executive Committee.

The regular annual meeting of the executive committee of the Society of American Florists was held at the Southern Hotel, St. Louis, March 5-7. After the usual routine of officers' reports, sundry communications, etc., the arrangements for the coming convention were taken up. Music Hall, eastern nave and the spacious vestibule of the Exposition building on Olive street, were found to be admirably adapted for the purposes of the convention and trade exhibition and their selection therefor by the St. Louis Florists' Club was duly approved by the committee.

The secretary was instructed to arrange for the presentation of papers by competent gentlemen upon the following subjects: "Progress of Bulb-raising in America," "Home and Municipal Improvement from a Horticultural Standpoint," "The Ideal Employee," "Development of an American Type of Roses," "Indoor Blooming Plants."

The president's reception will be held, as heretofore, on the evening of the first day of the convention, but the usual evening meetings on the second and third days will be omitted so that members may be free to visit the World's Fair, a session on the morning of the fourth day being substituted therefor. One session will be devoted to addresses by eminent horticulturists from abroad. The bowling tournament will take place on the afternoon of the second day, the shooting and ladies' bowling on the afternoon of the third day and the visitors will be the guests of the St. Louis Florists' Club on the afteronon of the fourth day.

New rules were adopted regulating the judging in the trade exhibit, whereby the main report on the exhibits shall be made by the superintendent of the exhibition, and the judges, three in number, shall be required to examine and make awards on novelties and improved devices only, due entry of such special exhibits being made in advance with the superintendent. On recommendation of President Beneke of the local club, C. A. Knehn was appointed superintendent of the exhibition, with power to select an assistant. Arrangements were also made for the appointment of a sergeant-at-arms and assistant, a night watchman in the exhibition hall and the establishment of a bureau of information, and an agreement was entered into with the representatives of the St. Louis Florists' Club establishing the salary of the superintendent and providing for the disposal of the proceeds of the exhibition after the payment of all expenses, for the benefit of the St. Louis Florists' Club on a basis similar to that made with the local club at Milwaukee last year.

The legislative committee was re-appointed with J. K. M. L. Farquhar, of Boston, as chairman for 1904, and Messrs. H. M. Altick, Elmer D. Smith and the secretary were constituted a special committee to work in conjunction with them in promoting an agitation favoring the passage by congress of the bill presented by the Postal Progress League.

Messrs. P. J. Hauswirth, Carl Beyer and R. F. Tesson were appointed the committee on sporting events for the convention of 1904, and were instructed to rule that all persons (ladies excepted) participating in any games must be members of the S. A. F. in good standing, and also of their respective local Florists' Club, where one exists.

The amendment to the constitution providing for reciprocal relations with other societies, referred by the Milwaukee convention to the executive committee, was taken up and considered at length, and finally adopted in an amended form for regular presentation to the convention next August.

It was voted to offer for the coming year silver and bronze medals for award through various horticultural bodies, as in previous years. The accounts of the secretary and treasurer showed a very substantial increase in both general and permanent fund.

The committee on final resolutions, Messrs. Altick, Wirth and Stewart, presented the following resolutions which were adopted by a unanimous vote:

We, the members of the executive committee of the Society of American Florists, in meeting assembled, hereby express our thanks to the St. Louis Florists' Club, to F. W. Taylor, Chief of Agriculture and Horticulture of the Louisiana Purchase Exposition; to J. H. Hadkinson, Superintendent of the Department of Floriculture; to T. W. Brown, Chief of Landscape, British Exhibit; to R. J. Mohr, Superintendent of Landscape, British Exhibit, and to the management of the Southern Hotel, for the hospitality and many courtesies shown us during our stay in St. Louis, and to the daily press for notices of our proceedings, and we would especially express our appreciation for the incessant and considerate attention shown to this committee by J. J. Beneke, president, and Otto G. Koenig, treasurer, of the St. Louis Florists' Club.

WM. J. STEWART, Sec'y.

GALAX.

The splendid Christmas Annual of Country Life in America contained an article on "Christmas Greens and Flowers," by Thomas McAdam, and illustrated with some of the finest pictures ever shown in that handsomely printed publication. Holly, ground pine, wild smilax, mountain laurel and mistletoe are among the things described in a popular way. Of galax it is said that "it is a hardy little perennial that grows in the southern Appalachians and nowhere else in the world. The leaves come in two colors, green and bronze; the texture is firm and waxy. Galax has now displaced ivy as the standard material for florists' designs, for it is prettier, costs less and is more easily kept and handled and has long wiry stems. The leaves are also available in a greater range of size and have the advantage of another color besides green."

The introduction of galax to the trade is credited to Harlan P. Kelsey. The commercial use of galax dates back to only 1890, yet today the leaf is known and used the world over and last year no less than seventy million galax leaves were shipped from the mountains of North and South Carolina. Mr. Kelsey states that he had for years been familiar with galax, but it was not until thirteen years ago that it occurred to him that there would be a large demand for these leaves if they were known to the trade.

"A campaign of advertising was begun," says Mr. Kelsey, "and samples were sent freely all over the United States. At first the florists took to them slowly, but eventually galax made its way on its merits and instead of thousands being sent away, the number reached into the millions, until, the coming season, a hundred million is a safe estimate of the number that will be picked and sent out from this section, with many foreign countries, particularly Germany, using their share.

"The industry is of untold benefit to the native mountaineer, as it requires the time of thousands of pickers during the idle winter months to supply the demand. Every member of the family, from the father to the little boy or girl who learned to walk last year, is able to earn good wages, so light and easy is the work. On bright days during the late fall and winter the woods ring with the voices of the pickers, going 'galacking,' as the saying is. It is no unusual sight to see a camping party starting out over the roads to some distant galax ground, in any kind of a vehicle from a large mountain 'schooner' to a small sled drawn by a shaggy ox, or sometimes an ox hitched with a mule, 'Pap' leading the procession, one of the boys driving, and 'Maw' walking behind carrying the baby or peering out of the 'sheet,' as the cover is called; the rest of the large family (often from ten to fifteen) riding or stringing out for a considerable distance before and behind.

"The leaves are usually picked in the daytime in baskets, to prevent the crimped edges being crushed, and at night around the campfire or fireplace, the family joins in sorting the leaves into colors and sizes and tying into bunches of twenty-five leaves each, all poor leaves being rejected, for if even a few poor leaves creep in, the entire lot is liable to be culled and thrown aside by the local buyer.

"The leaves have now reached our packing-house, where they are packed in light cases, usually of 10,000 leaves each, in assorted lots, of the colors and sizes, in separate boxes, in layers three bunches or seventy-five leaves deep, sphagnum moss between the layers and oiled paper all around the inside of the box. Of course there is much poorly graded galax handled by country stores, the leaves being thrown carelessly into rough boxes, without proper packing material, but these command a low price in the market and are more often a total loss.

"The bulk of the galax leaves go to

the larger cities, Boston, New York, Philadelphia and Chicago leading, where they are placed in cold storage to prevent heating. At a temperature of about 33 degrees Fahrenheit they will keep in good condition till next year's new crop comes in.

"The bronze colors appear only late in the year when the plants ripen and the frosts begin, but in the deep woods, where there is dense shade, the leaves never turn color. The area over which galax is now collected extends from Virginia to Georgia, and I am happy to say that I believe there is no danger of exterminating the species. This is partly because the plant is not pulled up by the root, the foliage only being plucked. Another reason is that only absolutely perfect leaves are taken, since the slightest speck or flaw makes a leaf worthless to the trade."

Country Life in America is not a horticultural journal in a trade sense, but its breath is that of life outdoors and it is deserving of a place on the library table of every one who loves nature and is fond of good printing.

CHICAGO.

The Market.

Business continued to improve steadily last week and by Saturday the market was apparently more active than it has been in weeks. We say "apparently" because some of the wholesalers reported that the commotion was as much the result of lighter receipts as it was of heavier demand. But business is brisk and most lines have profited to the extent of a considerable stiffening in prices. Shipping trade is good all through the market and locally retail business is now by no means bad. Aggregate sales for the week are about as last year.

While receipts may naturally be expected to fall off just before the period of greatest demand, there is little change in the situation at the greenhouses. The same conditions prevail as a week ago. Beauties are blooming no more freely; there are just as many and no more tea roses, quality is of the same average; carnations are developing just as fast or even a little faster than they were. The only point at which there is any change is in the "green goods" market. Smilax has been scarce for some time and now some of the asparagus growers are reported pretty well cut out, so that prices have advanced a little on plumosus strings. Violets had a few days of good demand. Bulbous stock plentiful.

While it is quite in the course of human events that the growers should try to accumulate all the stock they can well do for Easter and that prices should more and more approximate Easter rates as the days pass, yet light receipts this week must not be considered as indisputable evidence that stock will be short for the big demand at the close of next week. It is quite within the memory of those not old in the business when there were practically no flowers for the week before Easter and a very great plenty the day before. With fair prices prevailing in the next week it will be far wiser to send in stock while it is yet good rather than hold it until it becomes stale, for stale stuff won't bring much of anything on even the shortest of markets.

There seem likely to be large supplies of lilies but the prospect of a large part of them being of indifferent quality is causing orders to come in more freely than they otherwise would. There are no particular crops in sight anywhere and there will not be any to spare on good roses but probably a plenty of "our selection." Both long Beauties and Liberties will be scarce. Some of the growers have the idea that carnations are going to be very short, and there is little prospect of good grades being more than equal to orders, certainly not until Saturday, but several houses are still booking orders for thousand lots where anything goes at $30; but drowsy stuff does not even get in on this grade. Bulbous stock will be plentiful, also violets.

Various Notes.

E. E. Pieser says he is looking for a shortage of good roses to develop in the market as Easter draws near. He has it figured out that the more the growers try to increase the Easter supply the lower the average quality will be, and there haven't been any too many first-class roses even when the demand was lightest. He is looking for the best Easter business on record.

At the Florists' Club meeting Wednesday night it was voted to extend the American Rose Society a cordial invitation to hold its exhibition in Chicago next year in the same hall with the Carnation Society show. The big banquet room at the Auditorium will probably be used for the combined exhibitions.

Peter Reinberg is busy setting a hot pace for his opponent in the race for aldermanic honors. His is known as the carnation campaign and he is getting a great deal of favorable attention from the daily papers. The election is April 5.

Poehlmann Bros. are among those who expect to get their lilies in on time for Easter, not less than 20,000 to 25,000 of them. Their stock is all in good shape. August Poehlmann says that thirty per cent of the Beauties have been twenty-four inches or over. They have just given the Moninger Co. an order for material for five houses 27x500. Last year's addition was 125,000 feet of glass and already they are planning on what they will do next year to round out the plant.

C. W. McKellar pulls out those trays of orchids for all comers. He keeps the stock in vases ingeniously set in low boxes of corrugated paste-board, the receptacles being inserted through holes cut in the cover.

Wietor Bros. have 15,000 Lawson carnations in pots which they will carry on, shifting as needed, until they can plant them in solid beds following a lot of summer roses. The rest of their Lawsons will go into the field as heretofore.

Mrs. Horton, of Bassett & Washburn's, has everyone's sympathy in the critical illness of her mother.

Cypress is still high but glass is comparatively cheap, which goes a long way toward encouraging new building. M. G. Holding, of the Sprague, Smith Co., says that the inquiries for prices indicate a great deal of new glass going up in the next few months.

The Foley Mfg. Co. has a new galvanized iron gutter which they make in long lengths and which they believe will eventually be generally adopted. Peter Reinberg has ordered one run of it for trial on the houses he will rebuild this summer.

The Pittsburg Plate Glass Co. has established a temporary office at 46 and 48 E. Van Buren street with warerooms at Jackson and Franklin street. Their burned building will be reconstructed at once.

Albert Fuchs is going out of business. This time he will sell the greenhouses for removal from the ground.

Harry Rowe had a nice St. Patrick's day order, for the banquet at the Auditorium, for which he imported a large number of shamrocks in pots from the east.

P. J. Hauswirth is a committee of one on transportation to the St. Louis convention. He may be expected to sustain his reputation as an excursion manager.

Peter Reinberg was so well pleased with the Morehead steam trap which he saw on exhibition at the carnation convention at Detroit that he gave the inventor an order for two of them.

Sinner Bros. have their place in nice shape and are looking for a good spring business. They are working up quite a shipping trade.

Max Ringier, brother of Arnold Ringier, is now with the Kennicott Bros. Co.

CINCINNATI.

The Market.

General trade shows a great improvement over a week ago. The demand was much more steady and every variety and grade of flowers seemed to enjoy the welcome prosperity. For one thing there were numerous spring openings, and they used up large quantities of the second and third grades. This had a tendency to raise the price of the better stock. There was material advance in all lines of stock, with the exception perhaps of American Beauties. But that was due more to the extremely poor quality of the stock coming in than to the lack of demand.

There is just about enough stock to take good care of the demand at present. Maids are perhaps a trifle short. Meteors and Liberties always are scarce in this market, and but few first-class blooms are to be had at any time. Bulbous stock is going better, Harrisii especially. Callas, too, are in good demand. Green goods are very short.

The outlook for Easter is very bright, but as is usually the case, carnations will be scarce. The prospects for roses are much better, and it appears as if there will be enough to fill all orders. There will be a large supply of bulbous flowers, but no surplus. It is probable that Harrisii lilies may miss Easter by a week or so. Even at that, this market will be well supplied with them. We are having some beautiful spring weather now and that ought to help bring in a large cut for Easter.

Various Items.

As the rents received from the stands in the Jabez Elliott flower market are not sufficient to pay the running expenses, it was decided by the trustees to raise the rent of each stand $5 a year, to take effect the 1st of May. When it is understood that the rents range from $25 to $30 a year, it seems that the trustees are not imposing a very great hardship upon the standholders.

St. Patrick's day brought forth a lot of green carnations, and they sold well. H. D. Edwards, of Newport, Ky., has discovered a method by which good results are obtained. This year he had numerous out-of-town orders, one from Cleveland, Ohio, for 300 blooms. It is Mr. Edwards' intention to place on the market the chemical he uses in producing his green carnations. The blooms are not dyed externally, but the chemical is forced into the bloom through the stem.

Rodger Peterson has gone to Philadelphia to accept a position in the trade.

C. J. OHMER.

ST. LOUIS.

The Market.

From reports of the different retail stores, Lent has not interfered very much with business. A number of large funeral orders and decorations for down-town openings are reported the past week. St. Patrick's day was celebrated here on Sunday, and was more generally observed than usual. Quite a large quantity of cut flowers was used, in the shape of harps, bouquets and wreaths, also large numbers of green carnations were worn, which were the handiwork of a few of the down-town florists.

There is a great deal of talk nowadays among the growers, wholesalers and retailers as to Easter stock in both cut flowers and plants. From appearances after visiting a few of the larger places, there will be an abundance of both, as the weather has been favorable, and if it does not get too warm, which hastens plants along, everything will be fine for the St. Louis florists.

With the conditions of business as above mentioned, prices are holding up fairly well. Because of the warm spell which we have had stock is coming in a great deal more plentifully than it has been. The demand, according to the wholesalers, has been surprisingly good, and some days everything is cleaned up early. The quality of roses and carnations is exceedingly fine. Good long Beauties are not overplentiful. They sell at from $3 to $5 per dozen. Beauties with medium stems are more plentiful, also short-stemmed blooms. Tea roses are quite abundant and those of the first grade sell best at from $6 to $8 per 100. Plenty of second grade Meteors are in the market, also Liberty. Carnations are keeping up in quality. Plenty of these are in the market and the trade is buying some good stock at $2 and $3 per 100. Extra fancy run, $4, sell well and are cleaned up every day and only common sorts are left over.

Bulb stock had a busy week of it, there being plenty of it and quite a demand. Extra fine Harrisii are in at $15 per 100. Callas, too, are fine and plenty. Bulb stock is somewhat cheaper than reported last week. Violets are plentiful, but seem to clean up almost every day at from 25 to 40 cents per 100. Pink and white sweet peas are fine, at 35 and 60 cents per 100. Some good smilax is again in the market. Other greens are in good shape.

Various Notes.

D. Newsham, of New Orleans, is in the city, in charge of the display of the Louisiana state horticultural department at the World's Fair grounds.

Prof. Frederic W. Taylor, chief of the horticultural department at the World's Fair, delivered a lecture on the evening of March 17 at the Kings Highway church. The subject was "Agriculture and Floriculture at the World's Fair."

C. Young and Sons Co. is making a fine show of bulbs, seeds and plants in the store on Olive street. Wm. Young, of this firm, is reported very sick.

Busy times are reported by the St. Louis Seed Co. and the Schisler-Corneli Seed Co.

Arthur Ellison was down with a case of grippe the past week, but is somewhat better today.

R. F. Tesson is very busy these days on his farm in Clayton. Bob is raising ginseng roots.

George Waldbart has a fine lot of rhododendrons in bloom, also a big stock of other plants. Some of the best grade of cut flowers are to be seen in his show windows.

Mrs. M. M. Ayers makes a big show of fine blooming plants of all kinds. Mrs. Ayers expects a busy month.

Mrs. Ellison and Miss Newman, in the same neighborhood, are also showing some elegant blooming stock and cut flowers.

Bowling.

The Florists' Club on Monday night defeated the Belleville boys in a match game. The scores were as follows:

St. Louis.	1st.	2d.	3d.	T'l.
Beneke	135	181	166	482
Beyer	128	152	177	457
Miller	128	206	160	494
Kuehn	219	169	135	523
Ellison	191	138	166	495
Totals	801	846	804	2451
Belleville.	1st.	2d.	3d.	T'l.
Wolf	171	183	155	509
Vorcade	126	133	132	391
Siefreid	169	198	134	501
Guy	132	137	215	484
Mauer	217	185	145	547
Totals	815	836	781	2432

J. J. B.

TORONTO.

The Market.

Trade during the past week has been fairly good, especially for white stuff, as there has been quite a demand for funeral work in large pieces, which use up many flowers. We have had genuine March weather, with three or four new-tangled frills. Some of the growers who some weeks ago were chasing hard for Easter orders for lilies and were afraid that the lilies were going to be left on their hands, now have the assurance that they will be, from the simple fact that they won't be in bloom in time.

Various Items.

At this time last year, our market gardeners were working their outdoor gardens and many of them had their early stock planted. This year the same land has from four to five feet of snow on it yet.

The Toronto Gardeners' and Florists' Club held its regular monthly meeting on March 15, with a fairly good attendance. The business of the carnation show was taken up. The judges' report was read and adopted and a vote of thanks tendered to the different exhibitors for their magnificent displays. Several new regulations were put on record in regard to future shows. One of these was a much needed one and prohibits the display of placards by exhibitors, nothing larger than 8x10 cards being allowed.

D. J.

PHILADELPHIA.

The Market.

The occasional glimpses of the sun and consequent milder weather have brought in more flowers of improved quality. Long-stemmed Beauties are coming in more freely and it is promised that by next week there will be as fine a stock of this grand rose as one could wish to see. The price has fallen a little and some of the specials have to be cut down to make up the scarcity in the medium grades. A good many of the short-stemmed flowers are poor and naturally find their way to the street. There are some very fine Golden Gates coming in now. The tea class generally is in excellent form, though there are, of course, many poor ones. An acquisition to the rose class is Gen. Jacqueminot. Some excellent flowers of this rose are seen at E. Bernheimer's. Carnations are thought to be shortening a little; the quality is generally very fine. Indications point to a good crop next week. Valley is plentiful and of high grade. Cattleyas have disappeared. Cypripediums, Dendrobium formosum and Cœlogyne cristata are scarce. Violets are fine and very plentiful. Bulbous flowers have fallen off a little, with prospects of an increased supply next week. There is a good supply of Easter lilies at present. The prospects appear to be that the demand will equal and probably exceed the supply at Easter. There will be a good many calla lilies and some Lilium auratum to help out.

Various Items.

Edward Reid has been doing a good shipping business in cut flowers and has a lot of Easter plant orders booked for delivery next week. His stock is packed at the greenhouses and shipped direct to the purchaser, insuring prompt and safe delivery.

The Henry F. Michell Co. obtained judgment against J. Edward Addicks, gas king millionaire and would-be senator from Delaware, for a bill for seeds, bulbs and implements used on the farm at Claymont. The bill has been running for three years and amounted to $350.

The engagement is announced of Miss Caroline Burrell to J. Liddon Pennock, junior member of the firm of Pennock Brothers. Their many friends wish them all possible happiness.

W. and Harry F. Evans, Rowlandville, have been very successful with their Easter lilies, which are all sold.

William Swayne, of Kennett Square, has issued a very neat catalogue in the form of a postal card booklet.

Wm. J. Baker is receiving fine valley. His Shasta daisies are excellent.

John Burton, receiver for Robert Craig & Son, is putting forth his best efforts in the work of reconstruction.

The plants and store fixtures of H. B. Myers, trading as the Colonial Flower Shop, were sold by Freeman last Wednesday.

Robert Scott & Son have a very fine lot of Crimson Rambler roses in pots.

E. Bernheimer has been receiving some nice flowers of Mrs. Potter Palmer.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower

Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

No. 10.—Will the Liberty rose pay when rested like a hybrid? Ans.—We always think it wise to keep back Liberty and treat it as a hybrid after Christmas, as we get one crop for Easter and another for June. PHIL.

NEW YORK.

The Market.

Up to this writing there has been no improvement in the market. The finest Beauties were offered at 15 cents last Saturday, Brides and Maids at 6 cents and special violets as low as 25 cents a 100. These low quotations are a fair indication of the trend of the whole market. The supply has been enormous in every line and bulbous stock, valley, mignonette and the rest of the procession seem to have forgotten what values mean. But the spring boom cannot much longer be delayed.

Easter is little more than a week distant. Its coming is in the air. Never was it so welcome, and that it will be better than has been hoped for is my sincere belief. Already the retail stores are brilliant in color and suggestive of the springtime. It will be both a plant and cut flower Easter, for there will be an abundance of cut blooms and prices will be more reasonable than for many a year. I question if the finest violets will go above 50 to 75 cents a hundred. Carnations will be abundant and at figures that will attract the retailer and the public and even roses will make demands that are no longer prohibitive.

The retailers have made these holidays plant festivals, but the public also wants roses, carnations and violets and will have them for Easter if treated fairly. Unpickled stock at fair prices will not leave a flower in the wholesale boxes on Easter Sunday.

At the Retail Stores.

It will be another week before the retail store decorations for Easter begin. They will be very elaborate this year and already immense plant purchases indicate an unusual anticipation of demand. Already some of the windows are charming with azaleas and Crimson Ramblers. Alex. McConnell has some beautiful specimens of this favorite rose in his window.

David Clarke's Sons have abundant space for display in their new store, but none too much for their large stock of Easter plants. The great windows are re-decorated every morning and are never two days alike. The past year has been the best in their long career.

Small's windows are brilliant with electric lights and banks of blooming plants. Thorley had a charming display on Monday, but it remains for next week to reveal the novelties with which every Easter he surprises the public. Lady clerks are his latest novelty.

Bowe seems to be always busy, his location being especially favorable for transient trade as well as convenient for his growing list of steady patrons. His color effects in the windows betoken the artist in arrangement and he handles only the best in the market.

Mrs. Scallon's new store, in the Imperial, is now complete. Great copper doors add to the massive effect on entering and marble and mirrors complete one of the prettiest stores in the metropolis.

Mackintosh has among his Easter orders one for 1,000 cut lilies for shipment in the form of a cross to a Pittsburg patron.

Siebrecht & Son have every facility this season for the largest Easter in their career. In addition to their own wonderful new store, they have two immense stores in the building reserved for their overflow and shipping and have already commenced to stock up for the demand of the coming week. The splendid building is a monument to the enterprise of Henry Siebrecht, whose indomitable will has carried the great undertaking to a successful consummation. Immense windows, 100 feet in length, are on the Fifth avenue and Thirty-eighth street sides of the building. The white marble furnishings within, counters, tables and wainscoting, give the whole an air of richness and solidity in keeping with the store's immensity. A balcony affords Mr. Siebrecht a private office, commanding a view of the store and complete in all its conveniences. In the large basement is every facility for potting, making up and the care of palms and storage for every requirement of the business. The firm is building at Ninety-first street and Broadway, a large conservatory, where a retail branch will also be established, while their handsome store at Broadway and Forty-eighth will be continued. An immense amount of the product of their great plant at New Rochelle is disposed of in their retail trade. This has grown rapidly since the new store was completed at Christmas. A daily automobile service between the city stores and the greenhouses at New Rochelle is contemplated. Visiting florists should not fail to see for themselves when in New York the greatest floral establishment that has existed since the hanging gardens of Babylon were in their glory.

Various Items.

Schloss Bros. are showing some beautiful novelties in Easter ribbons, scarfs and cords, that are largely used on Fifth avenue and Broadway. These young men are building up a fine business and on a basis of courtesy, personal attention and original conceptions, that bids fair to emphasize their claim as "The Ribbon House" of the city.

Alex Guttman will have 2,000 pots of violets for his Easter customers. His cut flower shipping department has become an important adjunct to his business, which he says has more than doubled since Easter, 1903.

Several big department stores will handle flowering plants, most of them likely unsatisfactory to their customers as few have proper facilities for safe delivery.

The sympathy of the trade is tendered Elwood Brant, the rose grower, of Madison, in the loss of his mother last week.

Freeport, L. I., appreciates the popular ex-president of the S. A. F., genial James Dean, who has again been elected president of the town.

The bowlers gathered in goodly numbers notwithstanding the storm on Monday evening, Secretary Ford returning to the fold after weeks of illness. Next Monday's prize contest will see the banner attendance of the year. The prizes are to be wrapped carefully so that the surprises may be genuine and no prize is to be less in value than $1. The third game of the evening will decide the prize winners. All friends of the New York Club are cordially welcomed.

The attendance of New Yorkers at the rose show in Philadelphia is likely to be quite large. President Traendly, J. B. Nugent, A. H. Langjahr and possibly others from the wholesale district intend to be present.

Traendly & Schenck are handling immense quantities of violets and doing an extensive shipping trade, especially in roses. During the many years of existence of this house it is their boast that never has a single day found them away from the opening of business at 7 a. m., except in case of sickness or absence from the city. It is a record to be proud of.

That dear old reminder of spring, General Jacq., is again in the market. Ulrich Brunner, too, maintains its popularity.

If, as is rumored, the old Thirty-fourth street market is demolished to make way for the Pennsylvania railroad's march of progress, the Coogan building will hardly be able to contain the additional growers, who will there be obliged to seek an outlet for their products.

Ford Brothers are preparing for a big Easter trade as usual. Just now their double Murillo and Keizerskroon tulips meet with ready sale at 4 cents. They anticipate an enormous violet crop for Easter and reasonable prices. Wm. Ford has recovered from a severe attack of grippe, and is ready for bowling. Ford, Lang, Haffner, Traendly, Maxwell, Siebrecht, O'Mara, Theilmann and Burns constitute a bunch of bowlers from which it ought to be easy to select six who can average 175 and that will certainly lift the cup at St. Louis. Jos. Fenrich and J. F. Hayward, of Ford Bros., are also excellent bowlers.

Charles Millang will have a great Easter display by the end of the week in the big room above his wholesale store. This new department of Mr. Millang's and his well stocked conservatories have proved a great convenience to many of the retailers this winter.

Geo. E. Bradshaw is disposing of fern balls by the hundred and will have a fine general plant display for Easter, in addition to his growing cut flower trade.

James McManus says the orchid supply will be abundant and that both the local and shipping demand has grown steadily every month and bids fair to increase still more as his facilities for supply are realized.

George Saltford's store is none too large, since he doubled its size for his growing wholesale trade. Not only violets but every variety of cut flower is here in abundance. His son is an able lieutenant and additional office help and constant personal attention to business attest the growth of his trade and popularity.

Walter Sheridan will have his usual first-class and extensive supply of the best Beauties, violets and carnations for the Easter demand, which is always as steady as a rock at this place.

Jas. A. Hammond is the "orange king," as usual, and has 1,000 superb plants of all sizes and innumerable pots of violets to select from, hundreds hav-

AN EASTER NECESSITY.

CHIFFONS **CHIFFONS** CHIFFONS

The Florists' Benefactor. Best and most economical ribbon ever put on the market. When used in connection with plants, baskets or design work, its value can readily be seen. The up-to-date florist is using **our celebrated 4 and 6-inch Chiffons. WHY NOT YOU?** Samples and prices on application. **THE FOLLOWING COLORS IN STOCK: — White, Yellow, Light and Dark Pink, Lavender, Violet, Nile, Moss Green, Cardinal, Purple.**

M. RICE & CO.

RIBBON SPECIALISTS. THE LEADING FLORISTS' SUPPLY HOUSE.

918 Filbert Street, Our Kat-a-log for the asking. **PHILADELPHIA.**

Mention The Review when you write.

ing been already booked for next week's delivery.

John I. Raynor's goods are of superb quality and there is no limit to supply. The Croweanum fern finds here its New York headquarters and is growing in popularity.

Alfred Langjahr's Lawsons and that superb red, No. 44, are in great demand.

L. J. Kreshover predicts a good Easter and has much business booked, while shipments out of town have been constant for some weeks for the festive occasion. He says coco matting is scarce this season owing to the foreign use of it for ladies' hats. Southern smilax is coming poor now on account of the sap running freely, spring being well advanced in the south. But he has a way of preserving it so that at all times its quality may be depended on.

Young & Nugent show beautiful stock of gardenias and Liberties and will have lilies in pots in abundance and a handsome general display as usual.

John Young will have the superb carnation output of the Cottage Gardens and 200,000 lilies, not to mention other stock, with which to do his share in adding to the general Easter joyousness of the big city.

It is thirty-two years since John J. Perkins began the wholesale cut flower business in New York, but the years sit lightly on him and he is handling superior Brides and Maids just as vigorously as ever. In the serious illness of his son he has the sympathy of all his associates in the wholesale business.

Wm. Ghormley's emporium will be filled to bursting with the best of everything the market affords, violets, lilies and Beauties especially in evidence. Potted plants will be left this year to other handlers and cut flowers receive his undivided attention.

Moore, Hentz & Nash have an established reputation for rose stock that age does not tarnish nor the years diminish. The past year has been their best. The Queen of Edgely finds excellent encouragement under their supervision. Their Beauties have a wide reputation.

The Cut Flower Co. proceeds on its "forward march" under the able management of Jos. Millang, "the lily king." He anticipates an enormous Easter. Frank and August Millang and Bonnot Bros. hold the fort daily in the Cut Flower Exchange in the Coogan building, and are always to be found faithfully attentive to business and with well filled ice boxes of every kind of cut flowers in quality and variety to meet every requirement.

The pioneer house of J. K. Allen is still open for business at the same early hour as in all the years, and time does not seem to have dimmed the eyes nor decreased the energy and enthusiasm of the cheerful helmsman. He says that this will be "an old time Easter" and his optimism is inspirational.

N. Lecakes & Co., with their four depots, their great storage capacity, their private lily pond and the care used in the selection of their goods have established a wide and creditable reputation and built up a business that is growing fast and worthily. This has been by far the best year of their experience. Mr. Lecakes, who is on a visit to the old home near Mars Hill, will return to New York shortly, accompanied by one of Greece's fair daughters as his bride.

Sigmund Geller reports an excellent Easter business. His genial representative has just returned from a very successful western business trip. Mr. Geller has many novelties and a fine stock of goods to choose from at his well furnished establishment on West Twenty-eighth street.

A. J. Fellouris is another of the green goods men whose strict attention to business has established for him a trade that is a credit to his ability and honorable methods and a guarantee of continued and increasing prosperity.

Reed & Keller have many novelties, as usual, for Easter, most of them their own inventions, a new patented iron plant stand and paper jardinieres being especially serviceable. A new iron stand with lever attachment that locks every eighth of an inch is a late invention that is wonderfully convenient. Stemmed cape flowers are another novelty that "fill a long felt want." Over half as many folding bells for Christmas are already sold as were sold during the whole of last season. Fibrotto pot covers in red, green and gold are very popular. Casket tops, light and serviceable, made of wicker, are another late addition to the useful novelties and a wire casket top with wire fringe attachment will appeal to all who realize the wonderful convenience of this requirement. Their factory has been moved from Staten Island to Brooklyn. Four floors in the city establishment are crowded with goods of every description. The volume of business shows constant increase.

Chas. Zeller & Son, Julius Roehrs, J. M. Keller, Fritz Dressel, Anton Schultheis, H. C. Steinhoff, R. Dreyer, Siebrecht and John Scott are the basis of plant supply, without whom Easter would be a "barren wilderness" in New York. It would be hard to particularize as to variety, quality and quantity at these great establishments, any one of which could meet the requirements of a city of ordinary size.

The Hinode Florist Co., of Woodside and Secaucus, are among the largest growers of lilies in America. They also have an abundance of Japanese novelties and are popular and progressive. Especially do they appeal to us now while their native land is making its great fight in behalf of human liberty and national existence.

May I take this opportunity of expressing my own grateful appreciation of the confidence and patronage given the REVIEW's representative in the east during the past year and my sincere wishes to every member of the trade for a happy and prosperous Easter.

J. AUSTIN SHAW.

BEDDING ROSES.

How early shall we advise our customers to plant out bedding roses in Illinois? C. B.

If these roses are in a dormant state, any time after the frost is out of the ground and the ground dry enough to work, will do. When planted early the roots begin to work before the eyes break, thus giving them a chance to withstand any dry spell during early summer. If they are started in pots the planting should be deferred till the last week of May. RIBES.

CATALOGUES RECEIVED.

The Stiles Co., Oklahoma City, Okla., seeds and plants; W. P. Peacock, Ateo, N. J., dahlias; J. Pernet-Ducher, Lyons, France, Rose Etoile de France; W. E. Beaudry, Chicago, nursery stock; T. N. Yates & Co., Philadelphia, nursery stock.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Seedsmen and nurserymen to send their catalogues to the Elwood Civic Imp. Society, 1918 E. Main St., Elwood, Ind.

WANTED—Young man for general greenhouse work and truck gardening; wages $25 a month, with board; must be sober and industrious; send references. Address H. J. Green, Holly, Michigan.

WANTED—A good active assistant for general greenhouse work; $25 per month; board and room to good man; work the year around. Address Keller, The Florist, Woodmere, Mich.

FOR RENT—Eleven greenhouses, rooms and stable; in Clifton, Cincinnati, O. Apply to Jno. J. Schiff, 206 Carlisle Bldg., Cincinnati, O.

WANTED—At once; bright, strong young man as florists' assistant; used to and willing to do field work; wages $25.00 per month with board and washing, to start; advanced if deserving; those replying to this, please be prepared to come at once if accepted; job permanent to good man. Address I. Merwin Rayner, 81 Front Street, Greenport, N. Y.

WANTED—By July 1st, 1,000 feet second-hand four inch pipe. Address The Stafford Greenhouses Marquette, Mich.

WANTED—By a thoroughly all-round gardener who understands florist business and growing of all kinds of plants; a good private place not too far from Chicago; 16 years experience, good reference. Address No. **90**, care Florists' Review, Chicago.

FOR SALE—Greenhouse, tools, etc. For full particulars. Address Geo. Segers, Lombard, Maryland.

FOR SALE—I have a thriving greenhouse business, wholesale and retail, located in a lively city of 8 000, no competition; 12,000 sq. ft. of glass, in good repair, with room to add more; stock growing to reset benches; will dispose of this at a bargain; any party or parties who are looking for a good location, will do well to correspond, when a complete description and details will be given; none but those who mean business answer. Address No. **91**, care Florists' Review, Chicago.

FOR SALE—275 boxes, 16x18, double strength glass, part A and part B, cheaper than can be had anywhere in the market; this is strictly new glass. Write at once for terms. Address No. **92**, care Florists' Review, Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. **60**, care Florists' Review, Chicago

FOR SALE—Oak Park greenhouses, lot 100x181 with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

FOR SALE—On the seashore, a fine retail business in a town of 3,000 inhabitants in winter and 18,000 in summer; only florists' business in the place; will sell whole or half interest to the right party; clear profit last year $800. Address No. **82**, care Florists' Review, Chicago.

WANTED—Young man with some knowledge of florists' business; one not afraid of work; steady job to the right man. Address Nantucket Flower Store, Nantucket, Mass.

WANTED—A willing and industrious all around man on a commercial place; not under 35 years; single or married; strictly temperate; best of references required. Geo. E. Feleh, Ayer, Mass.

WANTED—Steady, industrious man, to grow carnations; place is of good size and well equipped with latest appliances. Address stating wages wanted, No. **79**, care Florists' Review, Chicago.

SITUATION WANTED—By expert grower of cut flowers and plants; life experience; married; 39 years old; best of references; good wages expected. Address No. **81**, care Florists' Review, Chicago.

SITUATION WANTED—By young man who has had 5 years' experience in general greenhouse work and landscape gardening; state wages. Address, Richard Arzt, 231 Thornton St., W. Manchester, N. H.

SITUATION WANTED—By a good gardener and florist; well up in roses, carnations, mums and bedding plants; good propagator, temperate and reliable; good on forcing fruits and vegetables in winter. Address J. Gardner, care Schlegel & Fottler, 22 So. Market St., Boston, Mass.

SITUATION WANTED—To take charge of retail place; good grower of A1 stock, carnations, roses and merchandise plants; 15 years' growing for retail trade; age 36, single; strictly temperate; Illinois preferred. Address No. **89**, care Florists' Review, Chicago.

SITUATION WANTED—Next April, by florist 29 years old; has 15 years' experience in Europe and in this country in all branches of floriculture; best of references. Address No. **76**, care Florists' Review, Chicago.

WANTED—First class florist to raise principally roses and carnations. Address Columbus Railroad Company, Columbus, Ga.

WANTED—A reliable retail florist to handle the cut of about 5 000 carnation plants. Correspond with J. A. Swartley & Sons, Sterling, Illinois.

WANTED—At once; managing foreman to take charge of 35,000 feet of glass, in cut flowers; one who can handle men to advantage and can produce the best results; must have best of references as to character and ability; state wages wanted and give references; also want first class assistant. Address C. R. Hills, Grand Rapids, Mich.

FOR SALE—At a bargain, lots, greenhouses and flowers at 1180 North Hamilton Ave., Chicago. Will sell all or a portion thereof. Address all inquiries to Leonard J. Stankowicz, Niles, Ill.

FOR RENT—5 large greenhouses, steam heated, well stocked with blooming roses, together with 21 acres of land; good brick dwelling and barn; 7 miles from City Hall, Philadelphia. Apply, Edward Reid, 1526 Ranstead St., Philadelphia, Pa.

WANTED—Retail store manager; one who thoroughly understands the florists' business in all its details and is competent to take the business end of the management. Must have some capital, or else invest part of his salary in the business. A first-class chance for a pushing active young man. Address No. **84**, care Florists' Review, Chicago.

WANTED—Advertiser can furnish the capital for practical florist, with a few hundred of his own to start Floral Corporation in California, or will furnish capital to party wishing to enlarge plant; state full particulars in either case; good salaried position to right man; photos desired; inquisitive parties please do not answer. Address No. **88**, care Florists' Review, Chicago.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. **59**, care Florists' Review, Chicago.

FOR SALE—Not rent—13 000 feet of glass; very fine property with dwelling; modern conveniences; for terms and particulars, address No. **74**, care Florists' Review, Chicago.

FOR SALE—New Glass, never been opened; 10 boxes A Double 16x24 at $3.80 per box; 50 boxes B Double 16x24 at $3.40; 40 boxes B Double 16x18 at $3.25 per box; 50 boxes A Double 16x18 at $3.40. Address Davis Bros., Morrison, Ill.

FOR SALE. Modern house and stable, four acres of land, with greenhouses. Particulars of

WM. E. GLIDDEN, Boston Flower Market, Columbus Ave., BOSTON, MASS.

SITUATION WANTED!

An eastern rose grower would like a position as foreman or manager of western establishment of 100,000 feet or more, making a specialty of growing roses for cut flowers.

Address No. 77, care Florists' Review, Chicago

WANTED.

By a thoroughly good all-round grower, position as foreman in a first-class establishment. American Beauties my specialty. Am now in charge of one of the largest places in the west but desire to make a change.

Address No. 125,
Care Florists' Review, Chicago.

FOR SALE. **Established Wholesale and Retail Greenhouse Business.**

5000 feet of glass, well stocked; one acre of land; fruit trees; fine dwelling with modern improvements; near Buffalo Rochester and Bradford; good shipping facilities near station; large village and no competition. Price low; terms easy. Address

GEO. STAFFLINGER,
Pine Hill, BUFFALO, N. Y.

FOR SALE

Retail Florist's Establishment

consisting of 10 000 sq. ft. of glass in connection with store. Located on one of Chicago's finest boulevard drives in the centre of fine residence district; 20 years in present location; with 12 years lease to run; profitable business; splendid opportunity for right parties.

Address No. 93,
care Florists' Review, Chicago.

FOR SALE.

Greenhouses in eastern Pennsylvania; 10,000 feet of glass; a well paying business on easy terms; located in a city of 40,000 inhabitants, in the center of the city, alongside of one of the main cemeteries; good reasons for selling. Address all communications No. **78**, care Florists' Review, Chicago.

For Sale

In World's Fair City

A good florist business of 10 000 square feet of glass, all in good running order and doing good business, growing Carnations and plants. Will sell with or without stock. Possession given at any time sooner or later. Only those who mean business and have money need apply.

For particulars inquire of

A. JABLONSKY, Wellston, Mo.

Mention The Review when you write.

Must Be Sold At Once

The entire plant of

CHAS. AMMANN

7th Ave. and 119th St. NEW YORK.

As property is to be cut up into building lots.

2 Hitchings Boilers No. 19, Tubular, in use about 3 years. $95 each
1 Hitchings Boiler, No. 19, Corrugated Fire Box, in use 4 years $85.
3 Hitchings Boilers, 2 Tubular, and 1 Corrugated Fire Box, in use 5 years $85 each.
1 Weather Head No. 5 in use about 4 years, $40.
15,000 ft 4-in. Pipe 6 cts ft.; Expansion Tanks, $2 50 each; 4 and 6-in. Valves, $1.00 and $2.00 respectively.
500 Boxes Glass, 14x16 and 16x18, $2 50 box.
500 Hotbed Sash, 50c. each.
10 000 ft. Slate, 4 ft wide, 4c. ft.
1 000 English Ivies, 4½-in. pots, fine plants, 7c each.
2,000 Geraniums, 4-in. pots, 3½c each.
3 000 Smilax, 2-in. pots, $15.00 per thousand.
2 000 Fuchias, double, 4-in. pots, $3.50 per hundred; 2-in. pots, $1.50 per hundred.
Also Palms and other Plants too numerous to mention.

Address communications and make all checks and money orders to . . .

V. E. REICH & CO., Care of Chas. Ammann

7th Ave. and 119th St., NEW YORK

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Plenty of EASTER Flowers at NIESSEN'S

You will find this Headquarters for Everything pertaining to Cut Flowers.

CARNATIONS
VALLEY
PANSIES
BRIDES
LIBERTIES
MAIDS
STRING AND
BUNCH PLUMOSUS
GIANT DAISIES
WILD SMILAX
NOVELTIES

Fresh STOCK and Careful PACKING too.

LEO NIESSEN,

1217 ARCH STREET,

ALL 'PHONES. PHILADELPHIA, PA.

Mention The Review when you write.

BOSTON.

The Market.

Cut flower conditions continue much the same, Lenten dullness being general. Flowers of all kinds are very abundant. Extra fancy carnations in some cases fetch $4 to $5 per 100, but ordinary grades sell at very low rates. White varieties are selling best. The Queen seems to be the most popular "bread-and-butter" variety, although Boston Market and Wolcott are favorites. Violets are very abundant; 35 cents per 100 seems to be top notch for the best singles. Greenhouse-grown stock is coming of poorer color and will soon be over. Frame-grown flowers are of splendid, dark blue color.

Various Notes.

Mann Bros., of Randolph, have been bringing in some nice Crimson Rambler plants for the past three weeks, being the first in the market with this popular rose.

Wm. E. Bowditch, of Dorchester, has sustained a serious loss to his stock at his Grove Hall greenhouses, amounting to several thousands of dollars, as 1,000 pots of Easter lilies were among the stock destroyed. An escape of illuminating gas is believed to be the cause and action will probably be taken against the Dorchester Gas Light Co.

Lucius H. Foster, the disseminator of the well-known sport of the Boston fern, is seriously sick at his Dorchester home.

Samuel Neil, of Washington street, Dorchester, has a fine house of Boston Market carnation, which he claims as the best of its color for the retail florist.

S. Hoffman, 925 Boylston street, has opened up at Norton Bros.' old stand on Massachusetts avenue, and will operate both stores.

It now looks as though quite a number of growers would not be in time for Easter with their lilies. Sweltering heat, syringing several times daily with warm water, dosing with nitrate of soda and other processes are being used to hurry them.

E. N. Pierce & Sons will have the largest lot of lilies for this market; their quality is excellent. The same firm is specially noted for its fine lily of the valley, grown in large quantities.

W. W. Edgar, as usual, has a grand lot of aeaeias, azaleas, metrosideros, Rambler roses, lilies and other pot stuff.

Crimson Ramblers will have rivals this season in the new pinks, Dorothy Perkins and Farquhar, which several growers are handling. It takes about two weeks longer than Crimson Rambler to flower them.

Wax Bros., on Tremont street, always have their large windows very prettily arranged with choice stock. This firm is doing an increasing business.

M. H. Walsh, of Woods Hole, has an extensive exhibit of his Rambler roses at the spring show of the Massachusetts Horticultural Society this week. Many of the plants are in tubs and are finely flowered.

The Boston Gardeners' and Florists' Club will have a carnation night at its next meeting on April 19, Lexington day. Peter Fisher will open the discussion. At the May meeting "Alpine Plants" will be treated by Carl Blomberg. The increasing attendance at the club's meetings will necessitate larger quarters very soon. The next field day of the club will be at Wellesley, about the middle of June.

Ice and snow are gradually disappearing, but it will not be possible to commence outdoor operations before April 1. Snowdrops, winter aconites and crocuses in warm locations give the first suggestion of spring. The ground has been frost-bound since November 18.

At the Harvard Botanic Gardens Robert Cameron always has a number of interesting plants in bloom. At present one house contains a fine collection of primulas, cyclamens and cinerarias. Acacias in variety, ericas and other hard-wooded subjects are making a good display. In the way of orchids, numerous dendrobiums, chiefly forms of D. nobile, are to be seen in the stove house, where a finely grown lot of specimen foliaged plants and nepenthes are to be found. In the cactus house the large specimens planted out are making splendid growth. Hundreds of seedling cacti, some of them of flowering size, fill a long shelf in a cool house. W. N. CRAIG.

LATE CHANGES.

Owing to the large amount of advertising carried in this issue it was necessary to send several forms to press earlier than usual. Late corrections received are:

Hy. Ernst & Son, omit pansy plants.

S. Whitton, make verbenas $4.50 per 1,000.

W. T. Buckley Plant Co., omit white geraniums and Glacier carnations.

This Issue of The Review Contains 124 Pages.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

530-535 Caxton Building,
334 Dearborn Street, Chicago.

New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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Familiarity with an ad breeds an order.

Better a small ad than none at all.

'Tis better to advertise than to be advertised—by the sheriff.

Every advertiser is the architect of his own fortunes.

Faint ads ne'er won fair lady.

Given an inch, a successful advertiser will soon take an ell.

It's the poor ad that pleases your competitor.

Love and a good ad cannot be hid.

Some are weather-wise; others advertise.

A company is known by the men it keeps.

Two ads are better than one.

You cannot carry a crooked ad in a straight paper.

Advertising is the staff of trade.

Ad news travels swift.—Agricultural Advertising.

FOLLOW THE INQUIRIES.

We consider following up inquiries the most important part of advertising. Advertising in newspapers, etc., is the visible part of the campaign. Follow up is the invisible part. Most of the bulk of an ocean liner is below the water line—all the boilers, engines and vitals. The vital part of an advertising campaign is often below the water line, too, otherwise the campaign is top heavy. The value of visible advertising everybody now admits, the truth about it has been preached so persistently, but not every business man knows the importance of this invisible advertising. I knew of a manufacturer who began advertising, but quit because it brought him nothing but letters containing inquiries! He did not know they were the raw material of financial results. Advertising nowadays can hardly make its greatest success without careful attention to the following-up of letters of inquiry.—Printers' Ink.

DISEASES OF CARNATIONS.

From some investigations made at the Connecticut Experiment Station by W. C. Sturgis, on diseases of the carnation, it is concluded that the disease commonly known as die-back, and stem-rot, is due to a fungus, which gains access, in some way not fully determined, to the tissues at or just below the surface of the soil, and accumulates in the water-ducts of the stem, thus preventing the free transfer of water upwards. There is a strong probability that the disease may be propagated by means of the vegetative threads of the fungus existing in cuttings taken from diseased plants. Cuttings should, therefore, be made only from sound plants.

The spores of the fungus are apparently able to retain their vitality for several months and to live over winter in the earth. The fact that the disease can be transferred to sound cuttings by planting the same in soil containing vegetable matter and impregnated with the spores of the fungus indicates that the spores can thrive in such soil and thence gain access to the tissues of the plant. Consequently, when the disease has been present in the greenhouse the old soil should be completely removed, the house thoroughly fumigated with sulphur and the benches refilled with fresh soil. Abundant moisture and an excess of vegetable matter in the soil afford conditions favorable to the development of the fusarium. These should, therefore, be avoided, as far as possible.

Where practicable, sterilizing the soil by means of steam or hot air would be effective in preventing the attacks of the fungus. In this case diseased cuttings would be the only possible cause of contamination.

Inasmuch as the production of the fusarium spores, and hence the rapid dissemination of the disease, takes place only at a considerable interval after the first symptoms of the disease appear, the immediate removal and destruction of plants showing these symptoms is to be strongly recommended.

We cannot afford to do without the Review.—G. M. Thost, De Soto, Mo.

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Trains every hour. Trolley passes Nurseries every 15 minutes.

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Bay Trees,
Pyramids
Standard Box Trees
In all sizes and forms.

The largest stock of FANCY EVERGREENS in the world.
RHODODENDRONS,
Hardy varieties in all sizes.
Herbaceous Plants, etc., etc.

Our Specialties:
PALMS, ORCHIDS,
FERNS, STOVE and
GREENHOUSE PLANTS.

The White Palace
The Most Beautiful
Florist Store in the World.
5th Ave., Cor. 38th St.,
New York City.

The Largest and Grandest **EASTER** Display ever made in the United States.

EVERYTHING FOR THE FLORIST
from our own Conservatories.

Telegraph your orders from any city on the continent for EASTER DELIVERY; they will be filled promptly and satisfactorily.

SIEBRECHT & SON,

NEW YORK CITY.

Vegetable Forcing.

The lettuce growers north of Chicago complain that this has not been their most profitable season to date. Some have had light crops and poor quality, prices running from 15 to 35 cents per case of eighteen plants; the average price has been about 25 cents. On this ten per cent commission must be paid and the case costs 4½ cents.

THE MARKETS.

Chicago, March 23.—Radishes, 25@40c doz. bunches; lettuce, $2.00@2.25 barrel, heads; lettuce, 40@42½c case, leaf; cucumbers, 50c@$1.65 doz.

New York, March 22.—Cucumbers, $1.00@1.75 doz.; lettuce, 25@75c doz.; mushrooms, 25@50c lb.; radishes, $1.50@3.00 100 bunches; tomatoes, 10@20c lb.; asparagus, $2.00@6.00 doz. bunches; rhubarb, 25@75c doz.

GATHERING MUSHROOMS.

In gathering mushrooms it is a mistake to cut them over at the soil and leave the bottoms of the stems. All the stems should be pulled out if a second crop is to be looked for, but care should be exercised in doing it; if pulled up roughly a good deal of the soil will adhere, but if twisted around gently they will come out clean and without injury to the mycelium, leaving only a small cavity in the bed. It is a good plan to go over the bed after each gathering and fill up the cavities with fresh soil, pressing this down firmly and leaving the surface of the bed smooth.

After the first crop has been gathered a good second crop can be had by top dressing the bed with about an inch of fresh material composed of equal portions of soil and well rotted cow manure. This should be spread evenly over the bed and beaten down smoothly, and before again covering up, the bed should have a good watering with tepid water, to which may be added a little sulphate of ammonia, a teaspoonful to a ten-quart can of water being about the quantity we use. The bed should again be covered up as after the first spawning and left until the pin heads begin to appear.

If the atmosphere of the house is kept moderately charged with moisture little evaporation will take place, but as atmospheric moisture can be overdone, good judgment must be exercised in the matter. The covering should be removed occasionally and the bed examined, and if dry should be again watered, using tepid water as before. Thus treated, beds will often continue to bear good mushrooms for a considerable time. W. S. Croydon.

LETTUCE.

Will you please give me directions for growing lettuce in greenhouses at this season of the year? Is there any advantage in transplanting it twice when one has plenty of space? G. J. B.

If the house in which G. J. B. intends growing lettuce is provided with solid benches the growing of the crop will be easy compared with handling them in raised benches. In the former they have the natural moisture of the soil and are easier provided with an equable moisture at the roots, which, if it can be given, is the best preventive of leaf-burn. The heat of the sun at this season will raise the temperature of the house considerably above that most suitable to the growth of lettuce, but if the roots can be kept cool they are better able to withstand the higher temperature. In solid benches the roots can be kept cool, but in the raised benches this is impossible, as the circulation of air under and around the bench must inevitably raise the temperature of the bench almost equal to that of the house. In either case slight shading will be beneficial, but this must not be overdone or the plants will become drawn, the growth soft and the leaves thin in texture.

We sow the seed rather thinly in flats in a rather light soil and when the plants are large enough to handle prick over into flats again, setting them about two inches apart each way. Before the plants begin to crowd one another here they are quite large enough to plant in the bench. There is nothing gained by having the plants too large when planting, as the larger they are the more check they are apt to receive. No matter how carefully they are handled the roots must inevitably receive some damage and the plants will flag more or less as a result, the roots not being able to supply enough moisture to support the foliage until they have taken a fresh hold.

About eight inches apart is the right distance for head lettuce in the benches. The Grand Rapids variety might be set a little wider. Space will not permit my going into details regarding soil; suffice it to say that good average soil only moderately enriched with well rotted manure is all that is necessary.

W. S. Croydon.

NEW VARIETIES.

Nothing new of outstanding merit has come under our notice in forcing vegetables during the past year. In fact, there seems to be very little attempt to introduce new varieties of any of the subjects used for forcing, or to raise such with a direct view to their improvement as forcing subjects. Almost any of the existing varieties might be improved on, and it would undoubtedly be of advantage of vegetable forcers in general if the production of suitable new varieties were paid a little more attention. A great deal might be accomplished by working along certain lines. Take lettuce for instance, which is subject to the attacks of so many fungous diseases. I think it might be quite under the range of possibility to produce a disease resisting variety if worked up from that standpoint. We have Grand Rapids, which with us has never shown signs of disease, but then it is not a head lettuce, and we find that nine times out of ten a head lettuce is preferred and we have not found a head lettuce so far that is free from the attacks of fungous diseases.

It seems quite feasible that a cross between Grand Rapids and some good head variety might produce a head variety that would retain the disease resisting qualities of Grand Rapids. A good deal can be done and has been done by selection. Several more or less distinct varieties have originated from the old Boston Market variety and are considerable improvements over the original. One of two plants will often stand out in a bench with distinct advantages over their comrades in earliness, firmness of head, freedom from disease or other qualities, and although the grower may take notice of them at the time, it is too often only a passing notice, and a good thing may be lost through not being taken care of. The producer of a disease resisting variety of lettuce will be a benefactor to his kindred, but although he would share in the general advantage of having such a variety, I don't know that he would make a fortune out of the raising of it. We have had the thirty-thousand-dollar carnation, but I hardly expect to see the thirty-thousand-dollar lettuce.

For new forcing varieties of tomatoes we have had to depend largely on European productions. Some of them have taken kindly enough to our climatic conditions, while others have been a disappointment. There is no reason why good forcing varieties cannot be raised here as well as in Europe if growers would take the trouble to do it. Freedom of setting, freedom from disease, and earliness, should be some of the points to try to attain.

In cauliflower we have had several so-called new varieties in recent years, but as far as I can see they are all selections of Dwarf Erfurt and, although possessing more or less distinctiveness when first introduced, they all seem, in a year or two, to get more or less mixed up. If a true strain of the old Dwarf Erfurt variety can be procured I am doubtful if any

Lettuce House of Ludwig Mosback, Chicago, Ill.

An Easter Idea

The leading Florists all over the country say our **Chickens and Ducks** are one of the best things out. Sure to be popular. They are life-like in appearance, exactly resembling the little fellows when small. Let us send you a flock of them. They will attract customers.

Our **Celluloid Waterproof Accordeon Plaited Crepe Papers and Pot Covers** are the finest made. They come in every variety of color and shade that will harmonize with flowers and foliage. Have you enough?

Our China Swans are beautifully made. You should see them.

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America. 50-56 N. Fourth Street, **Philadelphia.**

Mention The Review when you write.

of the newer ones will beat it much; it comes as near being the ideal forcing variety as any we have tried.

Most seed catalogues have quite a list of radishes, but though we have tried a few we have found nothing better than Non Plus Ultra, the variety I recommended in a former article. Earliness and dwarfness of top are its principal advantages, and it is quite equal to any of the others in table qualities.

W. S. Croydon.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

The globe varieties of onion seed are becoming quite scarce. The tendency is toward the planting of the globes in preference to the flat or thick flat sorts.

Charles Sharpe & Co., Sleaford, England, offer a new brussels sprout, Cambridgeshire Champion, said to be the best market variety they have ever known.

In many growing sections stock seed for muskmelon, watermelon, squash, pumpkin and cucumber is scarce, and the chance of securing safe stock for planting purposes is seriously slim.

Most of the wholesale pea growers are well along with the contracting with farmers. Things move along smoothly as a rule. The usual difficulty in placing the short-strawed wrinkled sorts is experienced.

Several cars of a good stock of Ohio seed potatoes arrived at Chicago the past week but the price is just as stiff as ever; $1.20 to $1.35 per bushel, bags weighed in, is the prevailing price for large lots at the car.

New Orleans, La.—Under date of March 18, Joseph Schindler & Co. write: We had a fearful rain and hail storm yesterday evening, the worst in years. The market gardeners suffered severely; ruined most all the young spring crop, tomatoes, lettuce, beans, spinach, etc.

In the Ohio and Indiana marsh lands where the onion does well, seed will be sown in larger quantities than ever this spring. It has been demonstrated, though, that marsh land is not suitable for producing onion sets.

The Nursery and Seed Trade Association of Great Britain, with offices at 33 Wood street, Cheapside, London, has a membership of 139 of the principal nurserymen and seed merchants of the United Kingdom and forty-one abroad. The association being a mutual one is confined to members of the trades it represents and those allied therewith, and they give to each other gratis, through the secretary, private information respecting the stability and punctuality in payment of persons seeking credit.

In the will of the late Edgar J. Bowen, the San Francisco seedsman, which was filed for probate March 10, his employes are generously remembered. To each one in his employ at the time of his death there is to be paid out of the estate a percentage of such employe's yearly salary, varying from fifty per cent, which is to be paid to each employe who has been in decedent's service for ten years or more, to five per cent, to be paid to each one who has worked for one year, with intermediate percentages for those who have been employed for other periods.

The moisture which prevails in onion sets at the break of cold weather has been much more annoying this year than usual. The long winter, with its unbroken severity, gave little chance to air up the stock until time for shipment made it necessary to hustle sets out. Shipment in damp condition, although doing the set no hurt if it is spread out promptly at destination, spoils its appearance for the time being, and causes the purchaser uneasiness. As a rule, there are moderate periods during winter which permits the airing and stirring of sets in the ordinary warehouse, but the past winter was the exception.

If it is true, as reported, that a foreign seed house went into the market and purchased goods at an advanced price in order to fill "subject to crop" orders in full, the circumstance is extraordinary from the standpoint of the American grower.

For the past two or three years the seeds of Cocos Weddeliana have been scarce, but there seems likely to be a plentiful supply this season. The first consignments sold freely at 18s. per 1,000, but last week some were sold at about 15s. per 1,000. Good samples of Kentia Forsteriana have been selling at about 6s. per 1,000. K. Belmoreana has been making rather higher prices. We do not often see seeds of Geonoma gracilis at the auction rooms, but some were sold last week. They made 20s. per 1,000. Messrs. W. Bull & Sons have just received a large consignment of seeds of Phœnix rupicola, the samples being very good.—A. Hemsley in the Gardeners' Chronicle.

The recent heavy rains did great damage to the seed growing and experimental grounds of the Cox Seed Co., at Terminus, Cal. Many acres of valuable stock were under several feet of water and the loss will run into thousands of dollars.

A SWEET CORN CONTRACT CASE.

At Seward, Neb., March 14, the jury in the case of the Sioux City Seed & Nursery Company against A. H. Bemis brought in a verdict in favor of the defendant. The case was tried in the county court and lasted three days. The nature of the case aroused considerable interest, particularly among seedsmen and growers. The litigation arose over a seed contract. The seed house replevined 300 bushels of sweet corn, on January 15 of this year, raised by Mr. Bemis on his farm near Seward, and shipped the same to Sioux City, where the corn was sold to the seed company's customers. Mr. Bemis by way of answer denied the contract under which the corn was replevined and claimed damages for conversion. The evidence brought out the fact that an oral contract was made in January, 1903, whereby Mr. Bemis was to raise sixty acres of sweet corn and receive from the seed company 75 cents a bushel; that Mr. Bemis planted sixty acres of sweet corn, but subsequently the company had tendered Mr. Bemis $1 a bushel for the corn raised. Mr. Bemis contended that both parties mutually had broken the oral contract and that he was entitled to the market price of his corn. With that understanding he had sold fifty bushels of the corn in the fall to the Griswold Seed Company at Lincoln at $3 a bushel. Mr. Emerson, of Fremont, and Mr. Robinson, of Waterloo, were used as expert witnesses on the value of sweet corn. Their testimony showed that 60 per cent of the sweet corn raised in the United States for seed purposes was raised in Nebraska. The jury found that the defendant was entitled to $1.75 a bushel for his corn and the costs should be taxed to the plaintiff.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

Mention the Review when you write.

Gladioli

1900 1900 1900 1900 1900

1900 1900 1900 1900 1900

Shakespeare, May, Ben Hur, Mrs. Beecher, No. 1900, Sizes 1st and 2nd, Augusta Eugene Scribe, and White and Light, Size No. 1. Choice Mixed No. 1900, fine florists variety, grand bedder. Write for description and reduced prices.

JOHN FAY KENNEL

Gladioli Specialist

Box 405, ROCHESTER, N. Y.

1900 1900 1900 1900 1900

THE HARRISII CROP.

So far as I can ascertain, the crop of Lilium Harrisii now growing in Bermuda will be as large as that of the preceding year, when the value of the bulbs shipped was reported as $32,151. The conditions throughout the Islands seem favorable. The continuous cold weather has retarded the blooming of the plants, and there will probably be a scarcity of blooms at Easter. Visitors from the north like to send home these blooms at that time and some blooms are shipped for commercial purposes, but it is not a legitimate business, the trade being in the bulbs.

There promises to be a shortage in the 7-9 and 9-11 sizes owing to a much smaller quantity of the large bulbs being planted this season.

I add a table giving the values of the shipments of bulbs, and in some instances, the blooms, for the years beginning with 1895. I do not explain why it is that the amount in money has so fallen off. I may fairly suppose that lower prices have ruled from year to year, which would partly explain the difference, also that the planter has had to fight a disease, a species of fungus that caused a mite that fairly consumed and rotted the growing bulb. There are many enemies to fight in this as there are in all gardening and nursery work.

Bulbs exported in the twelve months ending December:

1895	$92,629
1896	64,436
1897	55,877
1898	37,552
1899	58,353
1900	50,382
1901	30,675
1902	50,336
1903	32,151

These statistics read strangely, alternating from one year to another in almost a proportionable manner. This I do not account for, I give the results and cannot explain them even to my own satisfaction. This little country offers to the gardener and florist very interesting questions, well worth a visit for study and research.

W. M. Greene.

Hamilton, Bermuda.

FLORACROFT STRAIN Prize Gladioli

IMMENSE SPIKES. ORCHID-LIKE BLOOMS.

Have received the highest awards wherever exhibited and pronounced the finest strain extant.

	Per 100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10.00
" " " 2nd size	1.00	7.50
Groff's New Hybrids, 1st size	2.25	20.00
Orange and Yellow, "	2.50	24.00
Striped and Variegated, 1st size	2.25	20.00
Brenchleyensis, scarlet, 1st size	$1.00	$8.00
Pink Shades, 1st size	1.25	12.00
White and Light Shades, 1st size	1.75	15.00
American Hybrids, choice mixed	1.00	9.00
Johnson & Stokes' Special Mixture	.90	6.00

PEONIES -- Double Chinensis, Herbaceous.

Pink	per doz., $1.25	per 100, $8.00	
Red	" 1.25	" 8.00	
Dark Red	per doz., $1.25	per 1000, $8.00	
White	" 2.00	" 12.00	

Mixed, all Colors, per doz., $1.25, per 100, $7.00

Tuberoses Excelsior Double Pearl, 4-6 in. per 100, $1.00; per 1000, 7.00

Our **New Wholesale List for Florists** will be mailed upon application.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

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Lily of the Valley from COLD STORAGE

Buy your Valley Pips from a specialist and GET THE BEST.

I own and control some of the finest Valley that comes to this country and am able to furnish at all times the best the season affords. I am sure that there is nothing arriving or kept in cold storage that will eclipse the quality of my stock.

Try a sample case and I have no doubt you will find them eminently perfect and buy again. **$1.50** per 100; **$13** per 1000; **$30** per case of 2500.

H. N. BRUNS, 1409-1411 W. Madison St. **CHICAGO.**

A Paying Crop

Can be secured by sowing our **ASPARAGUS SEED** now. It is remarkable seed, so full of life that nearly every seed germinates under ordinary conditions. We have made a number of tests and we know that this is true.

ASPARAGUS PLUMOSUS NANUS seed, greenhouse grown, will germinate nearly 100 per cent. New seeds, $1.00 per 100; $7.50 per 1,000.

ASPARAGUS SPRENGERI, new crop seed, 15c per 100; $1.00 per 1,000. Special prices on large lots. **Send for Catalogue.**

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

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To introduce the celebrated

LONG ISLAND CABBAGE SEED

I will mail free a liberal sample packet either early, second early, summer, fall, or winter, and for 10c will add 4 packets embracing every season.

F. BRILL, Hempstead, L. I., N. Y.

Mention The Review when you write.

Biddeford, Me.—T. W. A. Smith has bought the greenhouses, stock and all that pertains to the business of Gove Bros. He will hereafter use his own place largely as a selling headquarters, doing most of the growing at the Gove plant just outside the city.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

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THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsoni and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

SPRING AND SUMMER BULBS

6 AT DOZEN; 25 AT 100; 250 AT 1000 RATES.

BEGONIAS, TUBEROUS ROOTED

	12	100	1000
Single, in five separate colors, 1st size		$.40	$2.75 $25.00
2nd size		.35	2.50 24.50
All colors mixed		.30	2 00 18.50
Double, in four separate colors.		.60	4 50 40.00
All colors mixed		.50	4 00 35.00

CALADIUM

	12	100
Esculentum Elephant's Ear		
6x8 inches	$.30	$2.00
8x10 inches	.50	3.50
10x12 inches	.85	6.00

FANCY LEAVED CALADIUM

	12	100
Due from Brazil by 30th an assortment of the MOST BRILLIANT COLORED, rare sorts	$3.30	$20.00

CANNAS

ALL TRUE TO NAME, FINE STRONG ROOTS

	12	100
A. Bouvier, Alsace, C. Henderson, Austria, Q. Charlotte, F. Vaughan, Crozy, Shenaodoah	$.30	$2.00
Beaute Poitevine, S. Chambanne, Pres. McKinley, Pres. Cleveland, S. d'A. Crozy, Mlle. Berat, D. of Marlborough, Egandale	.50	3.50
M. Washington, S. Trelease, Gloriosa	.75	5.00
Black Beauty, Mrs. K. Gray	1.00	8.00
Mixed Cannas	.30	2.00

AMARYLLIS BELLA. MAJOR, rose, fine forcer .75 5.00

Amaryllis Vittata, large bulbs, each 30c 3.00

DAHLIAS, STRONG FIELD ROOTS

	12	100
Fancy, Show, Cactus, Pompon, named, our choice	$1.00	$7 50
All mixed	.75	5.00

GLOXINIAS LARGE PLUMP BULBS

	12	100	1000
Separate white, red, blue, violet, purple, tigered and mottled	$.50	$3.00	$30.00
All colors mixed	.45	3.00	27 00

GLADIOLI

	12	100	1000
American Hybrid, ELITE MIXTURE.			
1st size	$.20	$1.00	$8.50
2nd size	.15	.75	6.00
All white and light XXX very best	.30	2.00	17.00
All rose and pink	.25	1.25	10.00
Groff's Select Hybrids, most beautiful	.40	2.50	20.00
May, Florists' XXX forcer, dawn color	.30	1.75	15.00
Augusta, finest white forcer	.60	4.00	
Shakespeare, rose and white	.75	5.50	

JAPAN LILIES

	12	100
L. Auratum, 6x8-inch	$.50	$3.50
" 7x9 "	.70	5.00
" 9x11 "	.90	7.00
" 11x13 "	2.00	13.00
Rubrum, 7x9-inch	.70	5.00
" 9x11 "	.85	6.00
Album, 7x9-inch	.70	5 00
" 9x11 "	.85	6 00
" 11x12 "	1.20	8.00

EMPRESS, LILY OF THE VALLEY

Berlin, from cold storage, 1000, $12.00; Case 2,500, $25.00.

PEONIES

	12	100
Officinalis Rubra, double red	$.10	$8.00
" Rosea, double rose	1.50	10.00
" Alba, double white	2 00	15.00

Japan HERBACEOUS, TO CLEAR OUT. HALF PRICE 2 50 20.00

IRIS KAEMPFERI

	12	100	1000
Flowering clumps in 50 separate sorts	$.25	$1.25	$8.00 $70.00

TUBEROSES, EX. PEARL DOUBLE

	12	100
3x4 inches circumference	$.10	$ .50 $3.50
4x6 inches circumference	.20	1.00 7.00

Flowering and Other SHRUBS

	12	100
JAPAN HYORANGEA, novelties in blue, rose, white, blush, strong plants	Each $ 40	4.00
JAPAN MAPLES, beautiful foliage for pots or out doors, 18x24 in.	.35	3.50 25 00
24x36 inches	.60	6.00 50.00
(Choice of finest, hardiest sorts)		
Magnolia Conspicua, strong pits.	.45	4 50
Magnolia Stellata, rosy white flowers, strong plants	.45	4.50

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5x7-inch, per case of 400, $7.00; 1000, $15.00.
6x7-inch, per case of 300, $7.00; 1000, $20.00.

SEEDS

	100	1000	5000
Asparagus PLUMOSUS NANUS	$.85	$7.00	$32.50
Asparagus Sprengeri	.15	1.00	4.00
Asparagus Decumbens	.60	5.00	
Plumosus Robustus, strongest grower	1.25	9.00	
MUSA ENSETE (Banana)	1.00	8.00	
KENTIA BELM. OR FORST.	.50	3.50	15.00
SHASTA DAISY, finest continually blooming cut flower	.15	1.00	
SMILAX, pkt. 10c; oz, 20c; lb. $1.75			
SWEET PEAS, Cal. grown, all named, standard sorts, your choice, lb. 25c. Mixed Sweet Peas, lb. 20c.			
JAPAN BANBOO STAKES ready April, 6 ft. long 1000, $6.00; 2000, $11.00; 5000, $25.00.			

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PACIFIC COAST.

SWEET PEAS.

In central California we have had an unusually wet winter. Only once within the memory of the writer, who has resided in these parts over thirty-five years, have we had so much continued rainy weather. As a consequence many of the early planted fields of sweet peas have all but collapsed. A grower in my neighborhood who has about five acres planted in sweet peas has concluded that he will have to replant as soon as it is possible to cultivate the ground. His plants have all turned yellow and instead of standing straight they are sprawled all over the ground. For early peas the seed should be planted in the latter part of October, and if the season is favorable the plants will have attained the height of one foot by February 1. They do not mind considerable frosty weather, as it does not retard their growth after the weather becomes warmer. By the first of April the vines will have attained flowering size and a good quantity of blooms can be harvested for a couple of months. By planting seed about the first of February and keeping the soil sufficiently moist either by watering or, if the ground has in itself moisture enough, by giving frequent cultivation, quantities of flowers can be had for summer and fall cutting.

This year has been a disastrous season to a great deal of early sowed seed. In many places it has rotted in the ground and it has been impossible, up to this time, to replant owing to the almost incessant rains. I have noticed that the fall planted sweet peas do not remain in flower as long as those planted later and there will be a short crop with the majority of growers until later in the year.

The best white variety with us is Emily Henderson, although some few of the growers plant Mrs. Sankey. Countess of Radnor is our best lavender and Firefly the most satisfactory scarlet. Mrs. Gladstone is the best selling pink, and next in line is Blanche Ferry. Butterfly, Cardinal and Salopian are also good sorts to plant.

The Chinese gardeners in the vicinity of San Francisco have corralled most of the sweet pea business within the past few years and there are only a few white growers who pretend to make a specialty of this flower. Although considered a cheap flower, if well grown and brought early into market, and the problem of picking cheaply is solved, it is a remunerative article to grow, as well as a very easy one.

California also supplies a great portion of the pea seed that is sold throughout the United States and Europe and in the neighborhood of San Jose there are hundreds of acres devoted to its culture for seed exclusively. Sweet peas, like many other annuals, quickly exhaust the ground and have to be shifted constantly to insure good results. Great care has to be taken in keeping the varieties far enough apart so that the colors will not mix. The sweet pea seed crop was short last year and was eagerly bought up by eastern firms, and by the present indications we will not have an overproduction this season either. G.

SAN FRANCISCO.

The Market.

This is the sixth week of steady rain, and to say that all the florists are tired of it is expressing their feelings very mildly. Its effect on business is noticeable, although we are in the midst of Lent, and everybody is looking forward to Easter. Indoor stock is not very plentiful nor is there any great variety to choose from, but there is more than enough to supply all demands. Daffodils have brought very poor prices for the past month, and violets, although somewhat scarce the past week, have hardly paid to pick. The weather has been especially unfavorable for roses and they are very pale and wobbly.

If this rain lasts much longer it will make good Easter stock scarce, as we must have a fair amount of sunshine to put the proper bloom on almost all kinds of flowers.

Various Notes.

A. Ringier and C. W. Scott, of Chicago; James Kidd, the eastern representative for the Cox Seed Co., and Frank Pelicano made a theater party at the Orpheum last Friday night.

The board of supervisors has finally concluded to allow the street venders the

CARNATION
ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost	1.20	10.00
White Cloud..	1.00	9.00	Variegated.		
Scarlet.			Armazindy	0.85	17.00
America	1.00	9.00	Prosperity	1.40	2.50

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White	100	1000
Queen Louise	$1.20	$10.00
Flora Hill	1 20	10 00
Alba	2.50	25 00
Gov. Wolcott	3 40	30.00
Norway	1 00	9 00
Lillian Pond	5 00	45.00
Chicot	1 00	9.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1 40	12 50
Mrs. Joost	1 20	10 00
Mermaid	1.20	10.00
Mrs. Roosevelt	6 00	55 00
Success	2 50	20.00
Pres. McKinley	3.00	25 00
Cressbrook	2 50	20.00
Yellow		
Eldorado	1.00	9.00

Scarlet	100	1000
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65 00
J. H. Manley	3.50	30 00
G. H. Crane	1.20	10.00
America	1 20	10.00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	3.00	25.00
Stella	3 00	25.00
Armazindy	.90	8.00
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Prosperity	1.40	12 00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

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WHITE.	Per 100	1000	5000
Queen Louise	$0.55	$ 5.00	$23.00
Norway	.55	5.00	23.00
PINK.			
Argyle	.55	5.00	23.00
Mermaid	.55	5.00	23 00
Marquis	.55	5.00	23.00
Lawson	1.00	8.00	35.00
Cressbrook	.75	6.00	25.00
Success	1.00	8.00	35.00

CRIMSON.	Per 100	1000	5000
Harlowarden	$1.50	$12.50	$50.00
Gen. Gomez	.55	5.00	23.00
VARIEGATED.			
Violania, 4-in. bloom, fine	6.00	50.00	.....
Marshall Field	1.50	12.50	60.00
Stella	1.50	12.50	60.00
Mrs. Bradt	1.00	7.50	35.00
Armazindy	.55	5.00	23.00

YELLOW.	Per 100	1000	5000
Golden Beauty	$0.75	$6.00	$25.00
Eldorado	.55	5.00	23.00
Gold Nugget	.60	5.25	25.00
SCARLET.			
America	.55	5.00	23.00
Mrs. Potter Palmer	.55	5.00	23.00
Apollo	.55	5.00	23.00

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privilege of selling flowers on certain specified sidewalks around town.

J. P. Murphy, the head gardener at the nursery connected with Sutro Heights, is very busy preparing the grounds for spring planting. Considerable damage was done there by the recent storm.

The Realty Syndicate has commenced to plant Cupressus macrocarpa in quantity on the hills back of Oakland, where they own many thousands of acres. This company purchased all the available stock of this tree in California last season and intends to keep planting until the bare portions of their lands are entirely covered.

The Society Hortensia had a meeting in Oakland last Saturday which was well attended. H. Gresens is president of the society.

The city of Oakland last week awarded the contract for planting California fan palms on the city streets to E. Gill.

David Neely has asked for a new trial of the suit in which Mary Lanigan was awarded $8,000 for breach of promise several months ago.

The medical fraternity is much interested in the case of George Karman, the wholesale florist, of Elmhurst. Mr. Karman has been in delicate health for several months, and this week his stomach was entirely removed because of a cancerous growth. The surgeons give as their opinion that Mr. Karman's splendid physique will carry him through.

G.

FLATBUSH, N. Y.—Jerome A. Suydam reports so good a demand for his new carnation, Amaze, that he has sold all his cuttings.

TROY, O.—C. W. Skinner's little son was taken ill while the father was at the carnation convention but is now on the road to recovery. His illness has delayed Mr. Skinner somewhat in starting on an eastern trip. He expects to visit a number of the principal growing localities during April. His patent irrigating device is taking well with all classes of growers who have stock in the field.

Wholesale Cut Flower Prices.

Philadelphia, March 23.

	Per doz.
Beauties, Specials	$ 4.00 to $5.00
" Extra	3.00
" No. 1	2.00 to 2.50
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00
" " No. 1	2.00 to 3.00
" " Shorts	1.00 to 1.50
	Per 100
Bride and Bridesmaid, Specials	$ 8.00 to $10.00
" " Short	3.00 to 6.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	3.00 to 6.00
Jacqueminot, Firsts	12.00 to 15.00
" Seconds	5.00 to 8.00
Kaiserin, Firsts	8.00 to 10.00
" Seconds	3.00 to 6.00
Liberty, Firsts	15.00 to 25.00
" Seconds	5.00 to 10.00
Meteor, Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Perle	3.00 to 6.00
Sunrise	4.00 to 8.00
Ivory, Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Orchids, Cypripediums	12.00
" Dendrobium Formosum	20.00
Carnations, Commons	1.50 to 2.00
" Selected	2.50 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	.35 to .50
" Sprengeri "	.50
Callas	10.00 to 12.00
Daffodils	2.00 to 2.50
Daisies, Shasta	1.50 to 2.50
Hyacinths, Roman	1.00 to 3.00
" Dutch	8.00 to 10.00
Lilac	1.00 to 2.00
Lilium Harrisii	10.00 to 12.00
Lily of the Valley	2.00 to 4.00
Mignonette, ordinary	1.00 to 2.00
" Fancy	2.00 to 3.00
Narcissus, Paper White	1.50 to 3.00
Smilax	12.00 to 20.00
Sweet Peas	.50 to .75
Tulips, single	2.00 to 3.00
" double	4.00 to 5.00
Violets, ordinary	.25 to .40
" double	.30 to .75
" extra white	1.00 to 1.50

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Mrs. Lawson	2.25	20.00
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Geranium—Mme. Salleroi	1.25	

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Beauties, Specials	$12.00 to $20.00
" Extra	8.00 to 10.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate	2.00 to 10.00
Liberty	2.00 to 20.00
Meteor	2.00 to 6.00
Orchids, Cattleyas	40.00 to 50.00
" Cypripediums	8.00 to 10.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	.75 to 1.00
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
" Novelties	4.00 to 6.00
Gardenias	30.00 to 40.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	8.00 to 10.00
Daffodils	1.00 to 3.00
Daisies	1.00 to 2.00
Hyacinths, Roman	1.00 to 2.00
Lilac, per bunch	.50 to .75
Lilium Harrisii	6.00 to 8.00
Lily of the Valley	1.00 to 2.00
Mignonette	.50 to 4.00
Narcissus	.50 to 1.50
Sweet Peas	.50 to 1.00
Tulips, single	.50 to 1.00
" double	1.00 to 2.00
Violets	.10 to .35

I HAVE always found your paper a very good value for a dollar.—G. H. MILLS, Toronto, Ont.

HERE'S another dollar for the REVIEW, which we certainly cannot do without.—GELVEN & SON, Sedalia, Mo.

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	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 6.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 10.00
Meteor	2.00 to 8.00
Perle	3.00 to 6.00
Sunrise	2.00 to 4.00
Carnations, Common	1.25
" Selects	1.50 to 2.50
" Fancies	3.00 to 4.00
" Novelties	5.00 to 7.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 12.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Callas	8.00 to 12.00
Camellias	4.00 to 6.00
Daffodils	2.00 to 4.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 4.00
" Dutch	3.00 to 8.00
Lilac	10.00 to 15.00
Lil. Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 4.00
Narcissus	2.00 to 4.00
Pansies	.40 to .50
Smilax	15.00 to 20.00
Sweet Peas	.40 to .60
Tulips, single and double	2.00 to 4.00
Violets, ordinary	.25 to .30
" extra	.40 to .50

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Chicago, March 23

	Per doz.
Beauties, 36-inch stems	$5.00
" 30 "	4 00
" 24 "	3.00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts, per 100,	$6.00 to 8.00

	Per 100
Bridesmaids, Specials	$6.00 to $10.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	12.00
" Firsts	9.00 to 10.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	4.00 to 5.00
" Common	3.00
Violets	.50 to 1.00
Paper Whites	3.00
Romans	3.00
Daffodils	3.00
Tulips	5.00
Freesia	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Easter lilies, $2 00 per doz.	
Callas, $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 to $2.50 per doz.	

Pittsburg, March 23.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	25.00 to 35.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	10.00 to 12.00
" " " Extra	6.00 to 8.00
" " " No. 1	4.00 to 5.00
" " " No. 2	2.00 to 3.00
Carnot	3.00 to 6.00
Cusin	3.00 to 8.00
Kaiserin	3.00 to 6.00
Liberty	3.00 to 10.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
" Novelties	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	1.00 to 3.00
" Sprengeri, sprays	2.00 to 4.00
Callas	6.00 to 8.00
Daffodils	2.00 to 4.00
Daisies	1.00 to 1.50
Hyacinths, Roman	1.00 to 2.00
" Dutch	4.00 to 6.00
Lilac, per bunch	1.00 to 1.50
Lilium Longiflorum	6 00 to 15.00
Lily of the Valley	3.00 to 4 00
Mignonette	1.50 to 5.00
Pansies	.75 to 1.50
Smilax	12 00 to 15.00
Sweet Peas	.30 to .50
Tulips, single	2.00 to 3.00
" double	4 00
Violets	.25 to .75

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	Per 100
Beauties, Specials	$40.00
" Extra	$20.00 to 30.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 8.00
Golden Gate	3.00 to 10.00
Kaiserin	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	2.00 to 6.00
Sunrise	2.00 to 6.00
Carnations, Common	2.00 to 2.50
" Selects	3.00 to 4.00
" Fancies	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	2.00 to 3.00
Daisies	.50
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 5.00
Lilium Harrisii	12.50 to 15 00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	1.00 to 1.50
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.50 to 1.00

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Kindly discontinue our Carlson's aster seed advertisement. Although we have had this in your paper only one week, our stock is exhausted owing to the exceedingly heavy orders received since our advertisement appeared. We do not know whether this is due to the fact that your paper goes in the hands of so many live florists or because the florists in general recognize the superior quality of this seed. E. H. HUNT.

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	Per doz
Beauties, Specials	$4.00 to $5.00
" Extra	2.00 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Golden Gate	5.00 to 8.00
Liberty	3.00 to 6.00
Meteor	3.00 to 6.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	8.00 to 15.00
Freesia	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	8.00 to 15.00
" Longiflorum	12.50 to 18.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 18.00
Sweet Peas	.50 to .75
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.20 to .40

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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T. J. Johnston,
171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
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Florists' Review
When Writing Advertisers.

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See Special Azalea Advert sement on Page 890.

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(CONTINUED.)

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2319 AVENUE M. Galveston, Tex.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

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Blooming Easter week and from now on if desired. I am noted for the past years and have a reputation and the trade all over the land to grow a large assortment and plenty of choice blooming plants of every description. I have an immense stock—seven large houses and five hotbeds are crammed to their full extent, and are in better shape and condition than before.

Azalea Indica—Three houses filled with this only choice American variety. I know exactly what my customers and the public in general want. I and my son Howard went to Europe last summer on account of the scarcity of Mme. Van der Cruyssen, and must say with great pleasure that we were successful in obtaining 2,000 of this beautiful variety. I offer you them now as the gem of my stock, only none of it has been picked out by fall sales (and have the residue left). I make it as a rule not to offer any in the fall outside of Xmas. Please note my prices of the 2 000 Mme. Van der Cruyssen: 6, 7 and 8-in. pots, all sizes, as round as an apple, covered with buds, 60c, 75c, $1.00; specimens $1.25 to $1.50 each. Other varieties of plants. We also have a large stock of Bernard Andre Alba, Niobe (double white), Empress of India, Prof. Wolters, Vervaeneana. Dr. Moore, Soode Manhout Paul Weber, Sigismund Rucker, Illustre and about 12 more leading varieties, 6, 7 and 8-in. pots, 50c, 60c, 75c, 90c $1 00; specimens, $1.25 to $1.50 each. If pots are not wanted we take the fresh soil off, because Azaleas never make new roots during winter. This makes packing light and safe, which reduces the express charges considerably.

Lilium Harrisii and **Japan Multiflorum**—I have about 2 500 to offer, raised from H. F. Michell's special brand of bulbs; 6 inch pots, from 5 to 8 buds to a plant, 10c per bud; under 5 buds, 12c.

Cineraria Hybrida—I have a house full of 2,000 6-in. pots, all shades, from H. F. Michell's best strain. $3 00 $4.00 and $5 00 per doz.

Daisies—White (Marguerites), 6 in. pots. $3.00 per doz.

Begonia—Pres. Carnot, 6-in. pots, $3.00 per doz.; mixed varieties, 4-in. pots, $1 80 per doz.; Vernon in bloom, 4-in. pots, $1.50 per doz.

Cyclamen—4 in. pots in bloom, $2.00 per doz.

Primula—Obconica, 4-in. pots, $1 80 per doz.

Spiraeas—Compacta, Superba, Floribunda, 6-in. pots $3.00 to $4.00 per doz.; Gladstone (new), 6-in. pots, $5.00 per doz.

Hyacinths—Only the choicest, my own importation, all shades, $10.00 per 100.

Hydrangea—Otaksa, 6 to 7-in. pots, from $4.00, $5.00, $6 00, $9.00 to $12.00 per doz.

Tulips—Tournesol, double red or yellow, best selling Tulips, 3 in a 4-in. pot, $1.50 per doz.

Daffodils—Von Zion, best double-nosed, 3 in a 5¼-in. pot, $2 50 per doz.

Araucaria—Excelsa, 5¼ in. pots, 3 tiers, 50c; 4 to 5 in. pots, slightly damaged, 25c and 30c to 40c; 6-in. pots 5 to 6 tiers, 22, 23 to 26 ins. high, $1.00, $1.25 and $1 50 each; extra large specimens, 8-in. pots, 28 to 35 ins. high, 27 to 35 ins. wide, perfect jewels, $3.00 to $6.50 each, worth easily $5.00 each.

Ficus Elastica—(Rubber plants), 6-in. pots, from 20 to 28 ins. high, $3 00, $4.00, $5.00 and $6.00 per doz.

Dracaena—Bruanti, 22 to 25 ins. high, good for decoration 35c to 50c each.

Moon Vines—Smith's Hybrid, best in the world, $5.00 per 100, 2½-in. pots. To save express charges please state if pots are wanted.

All goods are shipped at purchaser's risk. Cash with all orders. Buyers coming to Philadelphia are respectfully invited to visit my place and inspect my stock before buying elsewhere. Take 13th or Germantown avenue car to Ontario street.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, Pa.

Bell Phone Tioga 3669 A.

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BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus**, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri**, 4-in, $6 00 per 100. **Dracaena Indivisa**, 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. Foster, 45 King St., Dorchester, Mass.

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BUY YOUR RIBBONS

from the manufacturer. Ribbons of superior quality, lustre, weave—and get perfect Ribbons—and the "Right Ribbons" for florists to use—and yet—pay less for them than elsewhere, for "you save all between profits" You should realize how much this means. A request for samples will show you the qualities and values.

The Pine Tree Silk Mills Company

Philadelphia

These qualities are much in use by discriminating florists:

MONARCH—Satin Taffeta—**Climax.**
CONQUEROR—Metallique Taffeta—**CYCLONE.**

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New Hardy Sunflower..

Helianthus Sparsifolia

Will become popular when its merits are generally known. 5 to 6 feet high; lateral flower stems 2½ feet in length. Indispensable for cutting . . . .

25c each. $2.50 per dozen

VINCAS

Two varieties, GREEN and VARIEGATED. From 3-inch pots. . . . . .

$5.00 per hundred

Nathan Smith & Son

ADRIAN, MICH.

ROOTED CUTTINGS Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratum, Stella Gurney, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later. **Cash with order. Write**

S. D. BRANT - - - CLAY CENTER, KAN.

EULALIAS!

Japonica Zebrina Gracillima and Univitata, strong clumps, $1.00 per doz.; $7.50 per 100. CASH.

E. McNALLY, ANCHORAGE, KY.

Mention The Review when you write.

OCEANIC, N. J.

The regular meeting of the Monmouth County Horticultural Society took place March 18. Geo. H. Hale showed some fine Princess of Wales violets, very nice hybrid amaryllises, Amaryllis Johnsoni, Gerbera Jamesoni and Von Sion narcissi, scoring 415 points.

The discussion of the evening was "What Constitutes a Table Plant?" which was very well ventilated by most of the members present and they came to the conclusion that a table plant should not be more than twenty inches high.

A visitor of the evening was W. M. Campbell, of New York, who showed a truss of roses, Madame Norbert Levavasseur, a cross between Crimson Rambler and a polyantha, which was indeed beautiful. The plant grows from eighteen to twenty inches high and can be well used for the border of a rose bed. The judges of the evening were R. Williams, John Yeomans and Nicholas Butterbach. B.

THE price of cyclamen in 2¼-inch pots was wrongly stated in C. Winterich's advertisement last week. It should be $36.00 per 1,000.

CLEARBROOK, WASH.—George Gibbs last fall planted seed of 100,000 each hyacinths, narcissi and tulips. He has a bed of seedling crocuses that show new colors. The Washington-grown bulbs are two weeks ahead of the imported bulbs planted the same day. Candidum lilies are large, fine bulbs. Mr. Gibbs will have some sample tulip bulbs to distribute to the trade for trial this fall.

CITY OF MEXICO, MEX.—J. A. McDowell is the Mexican horticultural commissioner to the St. Louis World's Fair. He is making great efforts to have his exhibit the finest Mexico has ever sent to an exposition. Heretofore the exhibits have been principally cacti and orchids but it will include tuberous begonias, crotons, variegated foliage plants, dracænas, palms, cycads, caladiums, ferns and other tropical plants.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, strong, 2½-in., $3.00 per 100. Mayer & Son, Willowstreet, Lancaster Co., Pa.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 2 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratums, good variety; rooted cuttings, 50c 100. J. A. Keeney, Monongahela, Pa.

ALTERNANTHERAS.

Alternantheras, 6 varieties, 2¼-in. pots, $2.00 100; $17.50 1000.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow. Rooted cuttings, 50c 100; 2½-in., $2.00 100.
H. Ernst & Son, Washington, Mo.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 7 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 10, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ALYSSUM.

Alyssum Giant Double, white, $1.00 100.
J. A. Keeney, Monongahela, Pa.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 3 yrs., extra strong, $9.00 per 100, $85.00 per 1000; 2 yrs., first-class, $7.00 per 100, $65.00 per 1000; 2 yrs., selected medium size, $6.00 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, field-grown; 2 yrs., No. 1, $6.00 100, $55.00 1000; 2 yrs., X, $8.00 100, $75.00 1000; 4 yrs., XX, $10.00 100, $90.00 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

ARAUCARIAS.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots, 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100, $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus Sprengeri, exhibition plants, 4, 5, 6 and 7-in. pots, 15c, 25c, 35c and 75c each. Others 2½-in., 3c; 3-in., 5c; 4-in., 8c. Asparagus plumosus nanus, 3-in., $6.00 100.
J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

SPRENGERI, 2½-in., ready for 3½ or 4-in., $2.50 per 100, $20.00 per 1000. A rare bargain.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus, fine plants, 3-in. ready for 4-in., $5.00 per 100.
Miller Greenhouse, Weber Bros. Props., Ironton, Ohio.

Asparagus Sprengeri, 3-inch, ready for 4s, $5.00 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus, 4-in., strong; good stock for Easter, $8.00 100. Critchell's, Avondale, Cincinnati, O.

Sprengeri, from flats, $1.00; 3-in., $4.00 per 100. C. Winterich, Defiance, O.

Asparagus Sprengeri, April 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

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ASPIDISTRAS.

Aspidistra elatior, green, $6.00 per 100 leaves; variegata, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Asters. The best of Carlson's, three colors; Michell's Purity, and Vick's Newest, ready for 3-in., 50c 100. Will bloom in June.
Dayton Floral Co., Dayton, O.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

AZALEAS.

Azalea mollis, well budded, from $20.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Azalea mollis, 30c each.
Frank Kadlec, 177 Johnston Ave., Chicago.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100. Aurea manicata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonias Rex, Aurea manicata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia ricinifolia maculata, 2½-in., $5.00 per 100. C. W. Baker, Springfield, Ohio.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Rex begonias, 4-in., $6.00; 5-in., $12.00
W. H. Parsil, Summit, N. J.

BOX WOOD.

Boxwood. Holland-grown; bush, 2 ft., 75c each; pyramidal, 4½-ft., $1.00 each.
Frank Kadlec, 177 Johnston Ave., Chicago.

BULBS.

Large flowering begonias, tuberous rooted, selected bulbs. Single—Scarlet, white, crimson, rose, yellow, 35c doz., $2.50 100, $22.50 1000. Mixed, 30c doz., $2.25 100, $20.00 1000. Double—Scarlet, white, crimson, rose, yellow, 60c doz., $4.50 100. Mixed, 50c doz., $4.00 100.
Gloxinia crassifolia erecta, giant flowering. Mixed—First size, 1-in. and over, 40c doz., $3.25 100; large size, 1¼ to 1½-in., 50c doz., $4.00 100; extra large, 1½ to 2-in., 65c doz., $4.75 100. White, blue, spotted, extra large, 1½ to 2-in., 75c doz., $5.00 100. Scarlet Defiance, extra large, 75c doz., $5.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Caladium esculentums. Nothing but first-class stock.

5 to 7-in. cir.	$0.40 doz.,	$2.50 100
7 to 9-in. cir.	.60 doz.,	4.00 100
9 to 12-in. cir.	.90 doz.,	7.00 100
Mammoth	1.60 doz.,	13.00 100

Tuberoses, Dwarf Excelsior Pearl.
Mammoth, 6 to 8-in. ..... $1.50 100.
No. 1, 4 to 6-in. 1.00 100, $7.50 1000
Medium ..... .60 100, 4.50 1000
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Begonias, caladiums, cannas, amaryllis, gladioli, gloxinias, Lilium auratum, rubrum, album, Harrisii, lily of valley, iris, Tuberose Ex. Pearl, dbl., freesia, callas, oxalis, French and Dutch bulbs, azaleas. We can save you money on early orders. For varieties and prices address
H. H. Berger & Co., 47 Barclay St., N. Y.

Caladium esculentum—elephant's ear.

			100	1000
11 to 14	in.	circ.	$6.00	$50.00
9 to 11	in.	circ.	4.50	35.00
7 to 9	in.	circ.	2.00	15.00
5 to 7	in.	circ.	1.50	10.00

C. B. Johnson, Wallace, N. C.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Caladiums, 4-6 in., $1.00 100; 6-8 in., $1.75; 8-10 in., $3.00; extra large, $5.00.
Amaryllis equestris, 1-2 in. dia., 35c doz.; 2-3 in., 50c.; small, 25c. Cash with order.
E. E. STONE, Dickinson, Tex.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

We are growers and wholesale dealers in high-class flowering bulbs. Prices to the wholesale trade only on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Tuberose bulbs, Armstrong's Everblooming, extra selected, $12.50 per 1000.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Bulbs and tubers. Write us for prices.
W. C. Beckert, Allegheny, Pa.

CANNAS.

Cannas, fine stock, live and plump; every piece will grow; absolutely true to name. Order now and have shipment made by freight. Martha Washington, Mlle. Berat, L. Patthey, Francois Reif, Pres. Cleveland, Chas. Henderson, Secy. Chabanne, at $1.25 per 100. Alemannia and Burbank, at $2.50 per 100.
Will exchange for carnations, geraniums, roses, asparagus, ferns, etc.
Mrs. Theodora S. Ellis, Griffin, Ga.

Chas. Henderson, Bouvier, Robusta, P. Marquant, Austria, $1.00 100; $8.00 1000. J. D. Eisele, Egandale, Beaute Poitevine, $1.50 100; $12.00 1000. Mrs. Kate Gray, $3.00 100; $25.00 1000. Cash with order.
E. E. STONE, Dickinson, Tex.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

The Empress, the best dwarf crimson, from pots, $1.50 doz., $10.00 100.
Alcona, resembles The Empress, but not as dwarf, from pots, 30c ea., $3.00 doz.
Oscoda, resembles Queen Charlotte, but more dwarf, from pots, 30c ea., $3.00 doz.
Elizabeth Hoss, large flower of Fl. Vaughan type, dormant, $1.25 doz., $8.00 100.
Standard varieties, 2-eye dormant pieces, $2.00 100—Chas. Henderson, Conotess of Breteuil, Golden Bedder, Hofgartendirektor Walther, J. C. Rochaine, Mme. A. Blanc, Mme. L. Druz, Pierson's Premier, Souv. de Mme. Nardy, Chas. Molin, F. Vaughan, Herman Fisher, Leopard, Maple Avenue, Oscar Dannacker, Pres. Meyer.
Many other standard sorts in stock. Descriptions and prices on application.
Nathan Smith & Son, Adrian, Mich.

Pres. McKinley	Kronos	Robusta
Pres. Cleveland	Ad. Dewey	Egandale
Chas. Henderson	Peach Blue	L. Vaughan
Alphonse Bonvier	R. Christie	Mlle. Berat
Ex. Crampbell	Defender	America
Chicago	Eisele	Shenandoah
Duke Marlboro	Berckmans	Burbank
Fl. Vaughan	Alsace	Eldorado
Fl. Vaughan (dwarf)	Black Prince	Mme. Crozy
Paul Marquant	Avellan	
	Alemannia	

Empress of India, fine pink.
$1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Anstria.	Pres. Carnot.
Black Beauty, $7.00 100.	Pres. Cleveland.
Bassett's Red, $3.00 100.	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Roht. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	Souv. de A. Crozy.
Florence Vaughan.	

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

We have a surplus of cannas, grown for our retail trade, which we quote at $2.00 100; $17.50 1000. Cash with order. The varieties are: A. Bouvier, Anstria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, C. Henderson, Marlborough, David Harum, E. Crampbell, Egandale, Fl. Vaughan, J. D. Eisele, Italia, L. Vaughan, Midway, Mlle. Berat, Mme. Crozy, P. Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, R. Christie, Robusta, Seedlings, S. Trelease, A. Crozy, Cinnabar.
Livingston Seed Co., Columbus, O.

200,000 Canna roots. Alemannia, Alsace, Austria, Burbank, Coronet, Chas. Henderson, Chris. Viard, Denli St. Geroy, Flaccida, F. Vaughan, Jaskonli, J. C. Vaughan, John Laing, Madame Crozy, Maurice Mussey, Paul Marquant, Peachblow, Queen Charlotte, Robusta, Shenandoah and other new and rare varieties, $6.00 to $12.00 per 1000. Freight prepaid to New York, Boston or Philadelphia.
Griffing Brothers Co., Jacksonville, Fla.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

New canna, WEST VIRGINIA, the earliest and best bloomer yet produced, strong roots, $1.50 per 100; stock limited. Chas. Henderson, $1.25 per 100. A. Bonvier, $1.25 per 100.
Gus Obermeyer, Parkersburg, W. Va.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Cronse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas Egandale, Alemaonia, Giaot Crimson, Burbank, $10.00 per 1000.
J. Sanstrom, Momence, Ill.

Cannas, best sorts, strong tubers, $1.00 100; $10.00 per 1000.
Batavia Greenhouses, Batavia, Ill.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

20,000 canna roots, mixed, best sorts, $12.00 1000. W. G. Eisele, West End, N. J.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

	100.	1000.	5000.
Pink			
Lawson	$1.25	$12.00	$50.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.00	8.00	35.00
Red.			
Crane	2.00	18.00	80.00
Estelle	2.50	20.00	
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	
White.			
Hill	1.00	8.00	35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	
Light Pink.			
Higinbotham	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise.	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majeaty	3.00	25.00	Higinb'am	1.50	12.50
W. Cloud	1.50	12.50	Lawson	1.50	12.50
Flora Hill.	1.50	12.50	G. Angel.	1.25	10.00
			Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100	1000		100	1000
Q. Louise.	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	2.50	25.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.00	9.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.00	9.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	H'lowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	3.00	25.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	2.50	20.00	Armazindy	.90	8.00
P. McK'ley	3.00	25.00	Gaiety	2.00	18.00
Prosperity	1.40	12.00			

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Murphy's White	$3.00	$25.00
Nelson	2.00	18.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud.	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'ndes	3.00	25.00
Estelle	2.50	20.00	Marion	1.25	10.00
Mrs. Inc.	1.25	10.00	Bradt	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Roosevelt	3.00	25.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
F. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties:

Lady Bountiful	Judge Hinsdale
The Bell	The President
Mrs. Patten	Indianapolis

$12.00 per 100; $100.00 per 1000.
A very profitable and novel set, of bright shades, odd colors and very attractive—Bizarre Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100.	1000.		100.	1000.
Adonis	$6.00	$50	Apollo	$3.00	$25
Harlowarden	6.00	50	Stella	3.00	25
McKinley	5.00	40	H. Feno	3.00	25
M. Field	5.00	40	Lorna	3.00	25
Mrs. Roosevelt	5.00	40	Wolcott	4.00	30
Gov. Lowndes	5.00	40	D. Whitney	4.00	30
M. Glory	2.50	20	G. Roosevelt	2.50	20

F. Dorner & Sons Co., Lafayette, Ind.

Surplus carnations, aaod rooted. Sent subject to examination.

	100.	1000.		100.	1000.
W. Cloud	$1.40	$12.00	Bradt	$2.00	$18.00
Q. Louise	1.50	12.00	Lawson	2.00	18.00
Prosperity	2.00	18.00	Crane	2.00	18.00
Joost	1.60	15.00			

A. Laub & Son, Hughsonville, N. Y.

500,000 unrooted carnation cuttings.

Yellow.	100.	1000.	White.	100.	1000.
G. Beauty	$0.75	$6.00	Q. Louise	$0.55	$5.00
Eldorado	.55	5.00	Norway	.55	5.00
Gold Nugget	.60	5.25	Pink.		
Variegated.			Argyle	.55	5.00
Violania	6.00	50.00	Mermaid	.55	5.00
Field	1.50	12.50	Marquis	.55	5.00
Stella	1.50	12.50	Lawson	1.00	8.00
Bradt	1.00	7.50	Cressbrook	.75	6.00
Armazindy	.55	5.00	Success	1.00	8.00
Scarlet.			Crimson.		
America	.55	5.00	Harlowarden	1.50	12.50
Palmer	.55	5.00	Gen. Gomez.	.55	5.00
Apollo	.55	5.00			

Cash or C. O. D. with privilege of examining. Express prepaid at above prices. See displayed adv. for special low price on 5000 of one variety.
California Carnation Co., Box 103, Loomis, Cal.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill.	1.50	Mrs. T. Lawson.	3.00
Mrs. P. Palmer.	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Floriana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt.	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. Market.	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Marquis	2.50	20.00
Glacier	2.00	17.50	Dorothy	2.00	17.50
Norway	2.00	17.50	Joost	2.00	17.50
Lorna	2.00	17.50	Nelson	2.00	17.50
W. Clond.	1.50	12.50	Triumph	1.50	12.50
Bradt	3.00	25.00	Fairmaid	3.00	25.00
Prosperity.	2.50	20.00	Elma	3.00	25.00
Gaiety	2.50	20.00	M. Glory.	2.00	17.50
Stella	2.50	20.00	Success	1.50	12.50
Adonis	7.00	65.00	G. Roosevelt	2.50	20.00
Manley	4.00	35.00	Gomez	1.50	12.50
Estelle	3.00	25.00	Maceo	1.50	12.50
Crane	2.50	20.00			

W. J. & M. S. Vesey, Fort Wayne, Ind.

Rooted Carnation cuttings.

White—	100	1000	Red—	100	1000
Pond	$3.50	$30.00	Red Bradt.	$2.50	$20.00
Wolcott	3.50	30.00	Crane	2.50	20.00
W. Bradt.	2.50	20.00	America	2.50	20.00
W. Cloud.	2.50	20.00	Variegated—		
Norway	2.50	20.00	Prosperity.	2.50	20.00
Pink—			Mrs. Bradt	2.50	20.00
Lawson	2.50	20.00	Yellow—		
M. Glory.	2.50	20.00	G. Nugget.	2.50	20.00
Floriana	2.50	20.00	Maroon—		
Enchantress	6.00	50.00	Maceo	2.50	20.00
Joost	2.50	20.00			

Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Bountiful	$12.00	$100	Harlowarden.	$3.00	$ 25
The Belle	12.00	100	Indianapolis.	12.00	100
Reliance	10.00	80	Enchantress.	6.00	50
Her Majesty	5.00	45	McKinley	4.50	40
B. Market	4.00	35	Lawson	2.00	15
Crusader	10.00	80	Higinbotham	2.00	15
Flamingo	12.00	100	Prosperity	2.50	20
Estelle	2.50	20	M. Field	6.00	50
America	2.00	15	Bradt	2.50	20

We have all the standard varieties and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

FIANCEE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1,000, $100.00.

	100.	1000.		100.	1000.
Crusader	$10.00	$80.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W. Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful	12.00	100.00	Wolcott	4.00	30.00
The Belle	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity	2.00	16.00
Ind'npolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market.	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

We need the room. First-class goods.

	100	1000		100	1000
Wolcott	$2.50	$20.00	Lorna	$2.50	$20.00
Pond	2.50	20.00	Bradt	2.50	20.00
Enchant	5.00	45.00	Palmer	2.20	16.00
Prosperity.	2.00	16.00	Lawson	2.00	16.00
G. R'velt	2.50	20.00	Hill	1.50	12.00
H'botham	.2.20	20.00			

Poehlmann Bros Co., Morton Grove, Ill.

CARNATIONS—Continued.

Carnation cuttings. Healthy, well-rooted stock.

	100.	1000.		100.	1000.
Pond	$5.00	$40	Her Majesty	$5.00	$40
Wolcott	4.00		Q. Louise	2.00	18
Enchantress	6.00	50	Queen	5.00	40
Fairmaid	3.00	25	Prosperity	3.00	25
Lawson	3.00	25	Estelle	4.00	30
Adonis	8.00		Nelson	3.50	30
Lowndes	6.00		McKinley	5.00	
Mrs. Roosevelt	5.00		G. Beauty	3.00	25
M. Field	5.00		Hill	1.50	12
Joost	1.50	12			

VESPER, the finest white on the market, $10.00 100; $75.00 1000.

Can also furnish all other good varieties.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Carnation plants, strong and healthy, from 2-in. pot.

	100.	1000.		100.	1000.
F. Hill	$2.50	$20	Dorothy	$4.00	$40
Q. Louise	2.50	20	Cressbrook	5.00	50
Norway	3.00	30	Enchantress	10.00	95
Lorna	4.00	40	G. Angel	4.00	35
Glacier	3.50	30	Crane	3.00	25
Alba	5.00	50	America	3.00	25
Peru	5.00	45	Kennicott	2.50	20
B. Market	7.00	70	Roosevelt	4.00	40
Joost	2.50	20	Mrs. Bradt	3.00	25
M. Glory	2.50	20	Stella	5.00	50
G. Lord	2.50	20	Gold Nugget	3.00	
Lawson	5.00	45			

Batavia Greenhouses, Batavia, Ill.

Carnations. Rooted cuttings.

	100.	1000.		100.	1000.
Enchantress	$6.00	$50	G. H. Crane	$2.50	$20
Adonis	6.00	55	America	2.50	20
Lillian Pond	5.00	40	Floriana	2.00	15
Mrs. Nelson	2.50	20	Gov. Roosevelt	2.50	20
Gov. Wolcott	4.00	40	Mrs. Bradt	3.00	25
Murphy's White	2.50	20	Morn'g Glory	2.00	15
Queen Louise	2.00	15	Flora Hill	2.00	15
Glacier	2.00	15	Mrs. Potter Palmer	3.00	
Mrs. Joost	2.00	15	J. H. Manley	3.00	

Our stock is first class and we guarantee our cuttings to be A1, well rooted and true to name.

EVENDEN BROS., Williamsport, Pa.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
N. Daybreak	$12.00	$100	Estelle	$4.00	$35
Lowndes	6.00	50	Lawson	3.00	25
Enchantress	6.00	50	Lord	2.50	20
Harlowarden	6.00	50	Prosperity	3.00	25
Adonis	8.00	70	Lorna	2.50	20
Norway	2.50	20	Fair Maid	3.00	25
Nelson	4.00	35	Wolcott	4.00	35

Other new and standard varieties. Stock is in fine condition and ready for immediate shipment. H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00	—	Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market, $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.

Wm. C. Smith, 61st & Market, Philadelphia.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
W. Clond	1.50	12.50	Hill	1.50	10.00
Q. Louise	1.50	12.50	Palmer	1.50	12.50
			Mrs. Ine	1.25	9.00

Cash with order, please.

John Brod, Niles Center, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnation cuttings, strongly rooted and free from disease:

	100	1000		100	1000
Lawson	$1.50	$14.00	W. Clond	$1.75	$15.00
Dorothy	1.50		Hill	1.50	12.50
Joost	1.25	10.00	Crane	1.75	15.00
Marquis	1.50	12.50	Prosperity	1.50	14.00

Buckley Plant Co., Springfield, Ill.

Carnation cuttings.

	100.	1000.		100.	1000.
Ench'tress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. W'cott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. R'velt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

Bell Miller, Springfield, Ill.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.

Swan Peterson Floral Co., Gibson City, Ill.

The Cottage Garden's winners at the Detroit exhibition. Now ready. Price, $12.00 1.00; $100.00 1000. For full particulars and descriptions see our adv. in Dec. 10th issue of the FLORISTS' REVIEW, or send for our carnation catalogue.

The Cottage Gardens, Queens, N. Y.

Rooted carnation cuttings, first-class stock.

	100.	1000.		100.	1000.
Q. Louise	$1.20	$10.00	Marquis	$1.00	$.900
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.

C. Akehurst & Son, White Marsh, Md.

The new light pink carnation NEW DAYBREAK will commend itself to the commercial grower who is looking for profit: it's a fine keeper and shipper. Price, $3.00 doz., $12.00 100, $100.00 1000. We have all the other new and standard varieties.

H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings, strong, healthy stock.

Flora Hill	$1.50 100,	$12.50 1000
Mrs. Lawson	2.25 100,	20.00 1000
Prosperity	3.00 100,	27.50 1000

Cash with order, please.

John Curwen, Glenhead, L. I., N. Y.

Carnations, extra fine stock.

	100.	1000.		100.	1000.
Ench'tress	$4.75	$45.00	Prosperity	$1.60	$15.50
Queen	3.50	30.00	Lawson	1.60	15.50

Also other varieties at equally low prices. Cash with order.

B. Merkel & Sons, Carlstadt, N. J.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$1.50	$12.50	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.00	18.00	Estelle	2.00	18.00
G. Angel	1.25	10.00			

H. Hansen, 4016 No. Clark St., Chicago.

Having a surplus of rooted cuttings of Joost carnations, I offer to sell at $1.00 per 100 or exchange for the following varieties: Peru, Her Majesty, America, Roosevelt, Crane or Mrs. H. Weeks mum cuttings.

S. S. Brenneman, Webb City, Mo.

Rooted carnation cuttings of

Enchantress	$6.00 100;	$50.00 1000
The Queen	5.00 100;	40.00 1000

High-grade cuttings of these splendid varieties now ready.

Larchmont Nurseries, Larchmont, N. Y.

Carnation and chrysanthemum rooted cuttings. All the leading commercial varieties of carnations and a fine lot of Timothy Eaton, Col. Appleton, Kalb and Glory of Pacific chrysanthemums. Send for list.

Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, 2½-in. pots.

	100.	1000.		100.	1000.
Her Majesty	$6	$50	Harlowarden	$6	$50
Lawson	5	40	Prosperity	5	40

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.

Crown Point Floral Co., Crown Point, Ind.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.

Baur & Smith, W. 38th, Indianapolis, Ind.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.

W. W. Coles, Kokomo, Ind.

Carnations, well rooted and healthy. Boston Market, Lawson, $3.00 100. Maceo, $2.00 100. Wolcott, $5.00 100. Cash with order from unknown parties.

Sidney Littlefield, North Abington, Mass.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Rooted cuttings of Flora Hill, Lawson and Peru, extra fine stock, $9.00 per 1000. Will exchange some of them for a few White Clouds.

A. L. Randall Co., 19-21 Randolph St., Chicago.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

ENCHANTRESS. I shall have a few thousand strong, rooted cuttings ready early in April. Price, $6.00 100; $50.00 1000.

W. K. Partridge, Sta. R, Cincinnati, O.

Carnation plants, 2½-in. pots. Norway, Prosperity, Cloud, Gaiety, Glacier, Crane, Adonis, Joost, Scott, Alba, Enchantress.

Mrs. W. S. Whiting, Corliss, Wis.

Well rooted WHITE BRADT, a profitable variety, $5.00 per 100; $40.00 per 1000. Cuttings ready now.

C. C. Pollworth Co., Milwaukee, Wis.

The Queen is the best white carnation in sight. Stock ready now. Price, $5.00 100; $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Phila.

Ethel Crocker, rooted cuttings, $1.00 100. Cash.

Port-au-peck Greenhouses, Long Branch City, N. J.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.

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Chrysanthemums. Rooted cuttings and 2-inch.

White.	R. C., per 100.	2-inch. per 100.
Timothy Eaton	$2.00	$3.00
W. H. Chadwick	2.00	3.00
White Bonnaffon	1.50	2.50
Minnie Wanamaker	1.50	2.50
Geo. S. Kalb	1.50	2.50
Estelle	1.50	2.50
Mrs. Robinson	1.50	2.50
Ivory	1.50	2.50
Merry Christmas	1.50	2.50
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Golden Wedding	1.50	2.50
Golden Beauty	1.50	2.50
October Sunshine	1.50	2.50
Col. Appleton	1.50	2.50
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Mrs. Murdock	1.50	2.50
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Glory of Pacific	1.50	2.50

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180 G. S. Kalb	80 Helen Bloodgood
150 Monrovia	350 White Ivory
30 Florence Teal	90 Pink Ivory
50 Glory of Pacific	80 Cullingfordii
60 Polly Rose	80 Adula
200 Willowbrook	100 Jerome Jones
200 Golden Trophy	100 Blackhawk
160 Mrs. H. Robinson	300 Golden Wedding
150 Appleton	100 W. H. Lincoln
100 Minerva	200 Maud Dean
100 J. W. Childs	50 Nagoya
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	R. C.	2¼-in.
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Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
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Special price by the 1000.

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M. Xmas	Maud Dean	G. Wedding
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Cyclamen. My own strain, the best that can be raised in Giants, once transplanted, $2.00 per 100, $18.00 per 1000; 2¼-in. pots, excellent stock, 5 colors, $4.00 per 100; $36.00 per 1000. A few 3 and 4-in. blooming primroses and 3-in. obconicas for Easter, 6c and 10c.

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Hydrangeas, finest in the market, $1.00 to $5.00 each.
Lilium Longiflorums, 12 to 15c per bloom.
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Also a large assortment of palms and other ornamental plants. Cash. H. C. STEINHOFF,
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Fine stocky plants just right for your retail trade. If you have greenhouses, order early and have them shipped in bud. Daffodils, Trumpet narcissi, tulips, and hyacinths, 6-in. pans, 25c; 8-in. pans, 50c and 75c. Hyacinths in 5-in., fine, 12c. Azaleas, spiraeas, Azalea mollis, etc. Central shipping point; all goods carefully packed. Terms cash.
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Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
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3-inch pots	$ 6.00 per 100
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Anna Foster, 2½-in	$4.00	$35.00
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Bostons. Runners, $2.00 to $4.00 per 100, $15.00 to $30.00 per 1000; ready for 4 and 5-in. pots, $8.00 to $10.00 per 100, $60.00 to $80.00 per 1000; ready for 6 and 7-in., $20.00 to $35.00 per 100, $175.00 and $300.00 per 1000.
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Ferns, fine stock. Adiantum cuneatum, 3-in. $5.00, 5-in. $10.00, 6-in. $15.00; large clumps from bench, $12.00 per 100. Bostons, 2-in. $3.00, 3-in. $6.00, 4-in. $12.00, 5-in. $20.00. Selaginella Emmeliana, fine, 3-in. $6.00 100.
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A fine lot of Piersoni and Boston ferns in all sizes. Low prices. Write.
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Boston ferns, all sizes at lowest figures per 1,000, 100, or doz. lots.
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Adiantum cuneatum, large clumps, from benches. $15.00 100.
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Boston ferns, 4-in., 8c; 2½-in., 3c; 6-in., 25c. Piersons, 3-in., 12c.
Benj. Connell, West Grove, Pa.

Boston ferns, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
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Ferns. Cyrtomium falcatum, strong, 2-in., $5.00 per 100.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
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Boston ferns, strong 4-in., $12.00 and $15.00 per 100.
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Fresh imported fern balls, 5-7 and 7-9 inches.
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Fresh fern spores, any sort, mixed, pkt., 25c.
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Pelargoniums, fine, healthy stock. Mme. Thebaut, Victor, Sandiford, Jack, Red, 2-in. $2.00, 3-in. $4.00, 4-in. $8.00 100.
Batavia Greenhouses, Batavia, Ill.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargoniums, fancy vars., mixed; strong, well-branched, 3-in., $6.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

Peonias officinalis rubra, dbl. red, $1.10 doz., $8.00 100. Offin. rosea, dbl. rose, $1.50 doz., $10.00 100. Offin. alba, dbl. white, $2.00 doz., $15.00 100. Japan herbaceous, $2.50 doz., $20.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies. Double chinensis. Pink, red, dark red, $1.25 doz., $8.00 100; white, $2.00 doz., $12.00 100; mixed, all colors, $1.25 doz., $7.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

Peonies. Sinensis, Queen Victoria, Dbl. White, 12c; Officinalis, Pink and Red, 3 eyes and up, 12c.
Frank Kadlec, 177 Johnston Ave., Chicago.

PETUNIAS.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias, the finest strains of dbl. and single California giants, 2½-in., $2.00 100, $18.00 1000. Cash. Jas. Ambacher, West End, N. J.

Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
Buckley Plant Co., Springfield, Ill.

Petunias, 2½-in., $2.25 100. Rooted cuttings, $1.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double petunias, 2-in., $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Double-fringed petunias, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

POINSETTIAS.

Poinsettias, dormant, 6-in. 30c ea., $25.00 100.
Batavia Greenhouses, Batavia, Ill.

PRIMULAS.

Primula obconica grandiflora, extra choice, stock full of bloom, good for immediate sales or for potting up in larger sizes for Easter, 4-in., $10.00; 3-in., $5.00; 2½-in., $3.00, and 2-in., $2.00 per 100. N. O. Caswell, Delsvan, Ill.

Mexican primrose from 2½-in., $2.50 per 100. Cash with order.
H. J. Blanchard, Ashburnham, Mass.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

CALIFORNIA PRIVET.	1000
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18 in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

California Privet.	Per 1000.
25,000, 2½ to 3½ ft., very bushy	$25.00
25,000, 2 to 2½ ft., bushy	20.00
25,000, 18 to 24 ins.	16.00

All orders are for cash.
W. G. Eisele, West End, N. J.

California privet, one-year, branched, 12 to 18-inch, $7.50 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron pontieum, 40c each.
Frank Kadlec, 177 Johnston Ave., Chicago.

ROOTED CUTTINGS.

Rooted cuttings. COLEUS—Verschaffeltii, Golden Bedder and Firebrand, 75c 100, $6.00 1000; 10 best sorts, bright colors, in var., 60c 100, $5.00 1000. SALVIAS—Splendens and Bonfire, $1.00 100, $9.00 1000. HELIOTROPES—Light and dark, $1.00 100, $9.00 1000. AGERATUMS—Stella Gurney, 60c 100, $5.00 1000. LOBELIAS—Fancy blue (the best), 60c 100, $5.00 1000. WATER IVY—60c 100. SWEET ALYSSUM—Giant double, 60c 100, $5.00 1000. MARGUERITES—White and yellow, $1.00 100. LEMON VERBENAS—$1.00 100. CHRYSANTHEMUMS—Estelle, the best early white, true stock, $1.50 100, $12.00 1000.
All strong, well-rooted stock and well packed. Satisfaction guaranteed. If by mail add 10c 100 for postage. Cash.
Critchell's, Avondale, Cincinnati, O.

Rooted cuttings at 50c per 100, blue lobelias, At 75c, dbl. sweet alyssum. At $1.00, heliotropes, variegated salvia, weeping lantanas; feverfew, dwarf or tall; vincas, light or dark varg.; big-flowered Marguerites, yellow and white; English and Germany ivy, artillery plants, Venus' hair. At $1.25, geraniums, dbl. white and pink; crimson lantanas and Abutilon Savitzii. At $1.50, annual pinks, dbl. red and white; hardy pinks (Cyclops). At $2.00, dbl. yellow daisies, the new ivy geraniums Leopard, Beauty of Jersey, P. Cruzy and dbl. white. At $3.00, 3-in. Sprengeri, 3-in. vincas and Boston runners.
J. A. WIBE, Box 125, Downers Grove, Ill.

Rooted cuttings. Ageratums—Gurney, Pauline, White; Alternantheras—red and yellow, 50c 100. Double petunias—15 kinds, $1.00 per 100. Salvias—Splendens, Bonfire, Silver Spot; Stevia var.; Hardy Pink—5 best kinds, 75c per 100; Vinca var., 90c per 100. Fuchsias—5 kinds, $1.25 per 100. Rex begonias, ass't, $1.10 per 100. Prepaid. Cash.
Byer Bros., Chambersburg, Pa.

Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

Coleus, 75c 100, $6.00 1000. Alyssum, 60c 100. Feverfew, 75c 100. Vinca var., 75c 100, $7.00 1000. White ten weeks' stocks from flats, stocky plants, $6.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Rooted cuttings of Impatiens Sultani, Anthemis coronaria, $2.00 100, prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty	7.00	60.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rose plants, strong, 2½-in. stock.

	100.	1000.		100.	1000.
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridemaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	La France.	$7.00 $65.00
Liberty	8.00	70.00	G. Gate	$1.50 $12.50
Sunrise	8.00	70.00		

Rose cuttings, well-rooted, healthy stock.

Beauty	$3.00	$25.00	G. Gate	1.50 12.50
Bridesmaids.	1.50	12.50	Sunrise	3.50 30.00
Bride	1.50	12.50		

The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

CHOICE GRAFTED STOCK. We are now grafting on Manetti, all from choice flowering wood, and offer for sale, April 1 delivery, the following: Bride and Bridesmaid, $12.00 per 100, $100.00 per 1000; Liberty, $15.00 per 100.
Rose plants—Chatenay, 2½-in., $6.00 per 100; $50.00 per 1000.
Rooted rose cuttings—Brides, Bridesmaids and Gates, $1.50 per 100; Kaiserins and Perles, $2.50 per 100.
Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.
Bassett & Washburn, 76 Wabash Ave., Chicago.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $3.00 per 100; $30.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

ROSE PLANTS, 2½-INCH STOCK.

	100.	1000.		100.	1000.
Brides	$3.00	$25.00	Kaiserins	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

Cash with order or references from unknown parties.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.

Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Stock Beauties, Libertles, $10.00 100. Cash.
John Brod, Niles Center, Ill.

FIELD-GROWN ROSES on own roots. Crimson Rambler, 1-yr., 18-24 in., fine, $6.00 per 100, $55.00 per 1000. Dorothy Perkins, 1-yr., 18-24 in., $10.00 per 100; 2 yrs., strong, $15.00 per 100. Mme. Plantier, 3-4 ft., extra strong, $6.00 per 100. Caprice and Magna Charta, extra strong, $8.00 per 100. La France, No. 1, $10.00 per 100. Send for list of other varieties.
JACKSON & PERKINS CO., Newark, New York.

Rose plants, 2-inch stock.

	100.	1000.		100.	1000.
Bridesmaid	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00			

Rooted rose cuttings.

Bride	1.50	12.50	Maid	1.50	12.50
G. Gate	1.50	12.50	Ivory	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean, healthy stock. 2-in., $5.00 per 100; $40.00 per 1000. 3-in., $6.00 per 100; $50.00 per 1000.

Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.

Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Francis Deegen, $18.00 per 100.
Ready April 1st.
S. J. Reuter, Westerly, R. I.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

The grand new red rose, Etoile de France (hybrid tea), the queen of the red roses for forcing, is a brilliant color and is much more vigorous and is easier to grow than Liberty. Description, prices and condition of sale sent free on application to the raiser.
J. Pernet-Ducher, Venissieux, Lyons, France.

Roses, low-budded, all Holland-grown. Climbing, all 4 to 5 ft. Crimson Rambler, Pink Rambler, White Rambler, Seven Sisters, Queen of the Prairie, Baltimore Belle, per 10, $2.50; per 100 ass't, $20.00. H. P. roses in 14 varieties, per 10, $1.30; per 100 ass't, $11.00.
Frank Kadlec, 177 Johnston Ave., Chicago.

Rose plants from 2¼-inch pots.

	100	1000
Bridesmaid	$3.00	$25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00
Ivory	4.00	

Geo. W. Waterfield, Chestnut Hill, Phila., Pa.

American Beauties. We have a fine lot in 2x2½-in. that will be ready early in March. We have a special in 3-in. Golden Gate, Ivory and Liberty. Write
Geo. A. Kuhl, Pekin, Ill.

Rose plants, fine, healthy and strong, from 2-in. pots—Brides, Maids, $2.50 100, $20.00 1000. Sunrise, $4.00 100.

Old plants of Liberty and Sunrise for sale in June. E. T. Grave, Richmond, Ind.

AMERICAN BEAUTIES, strong 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.

White and Pink Maman Cochet, $25.00 per 1000.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100.
J. L. Dillon, Bloomsburg, Pa.

Rose plants in 2½, 3½ and 4-in. pots, now ready. Beauties, Brides, Maids, Gates, Ivory, Perles, Kaiserins, Meteors and Woottoos.
Mrs. W. S. Whiting, Corliss, Wis.

Grafted roses on Manetti stock, $12.00 100; $100.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.
S. S. Pennock, 1612 Ludlow St., Philadelphia.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine disbudded plants. Prices and samples upon application.
Huntsville Wholesale Nurseries, Huntsville, Ala.

Grafted roses, 20,000 Brides and Maids, on imported Manetti stocks and nothing used but healthy, flowering wood, $120.00 1000.
Wm. A. Leonard, Lansdowne, Pa.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.
L. B. Coddington, Murray Hill, N. J.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Brides, Maids, Ivory, Perle, fine 2½-in stock, $3.00 100; Beauties, $5.00 100.
J. F. Ammann, Edwardsville, Ill.

Roses. Strong Brides and Maids, 2-in., $2.50 per 100. Satisfaction assured.
Paul O. Tauer, Lebanon, Ind.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Roses. 150,000 field-grown and in pots. Send for our list and prices.
Elizabeth Nursery Co., Elizabeth, N. J.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100.
F. A. Baller, Bloomington, Ill.

Kaiserin roses, good plants, 3-in., $8.00 100. Cash.
C. E. Meehan, Mt. Airy, Phila., Pa.

H. P. Roses, best market var., $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz., $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.
Good & Reese Co., Springfield, O.

Rubbers, 20 and 25c each.
W. W. Colea, Kokomo, Ind.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

SALVIAS.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Bonfire, 2¼-inch., $1.50 per 100. Rooted cuttings, 85c per 100.
Burnell & Totman, Randolph, Vt.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 per 100.
E. B. Randolph, Delavan, Ill.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvias, nice 2¼-in. stock. $2.00 per 100.
W. H. Parsil, Summit, N. J.

Salvias, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

SEEDS.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.

Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.

Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.

Best quality of flower seeds for florists. Send for catalogue.

MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

Asparagus plumosus seed, new crop, greenhouse grown, will germinate nearly 100 per cent. $1.00 100; $7.50 1000. Asparagus Sprengeri seed, new crop, 15c 100; $1.00 1000. Special price on large lots. Send for catalogue.
H. F. Michell Co., 1018 Market St., Phila.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifollus, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe Island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

	100.	1000.	5000.
Asparagus plumosus nanus	$0.85	$7.00	$32.50
Asparagus Sprengeri	.15	1.00	4.00
Asparagus decumbens	.60	5.00	
Asparagus plu. robustus	1.25	9.00	
Musa eusete (banana)	1.00	8.00	
Kentia Bel. or Forst	.50	3.50	15.00
Shasta daisy	.15	1.00	

Smilax, pkt., 10c; oz., 20c; lb., $1.75.

Sweet peas, California grown, all named standard sorts, your choice, 25c lb., mixed, 20c. lb. H. H. Berger & Co., 47 Barclay St., N. Y.

New crop Salvia splendens, Clara Bedman or Bonfire, per trade pkt., 25c; oz., $2.25. Asparagus plumosus nanus, per 100 seeds, $1.00; 1000, $7.00; 5000, $6.50 per 1000. Giant Shasta daisy seed, per 100, 15c; 1000, 85c; 5000, $3.75. New crop smilax seed, per oz., 20c; ¼-lb., 60c; lb., $2.00. Write for our florists' wholesale list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Asclepias tuberosa, delphiniums, 12 var. Dianthus barbatus, Hunt's best of all; digitalis or fox gloves, 12 varieties. Lobelia cardinalis, stock limited (X). Primula elatior, gold laced (X), Forbesi or Baby primrose (X). Hollyhocks, white and yellow, double extra. A few pounds each of the above, except those marked X. Trial pkt., 10c each.
Chas. Long, 277 Jefferson Ave., Rochester, N. Y.

Chater's hollyhock seed, 6 superb double colors, 70c per oz., 40c per ½ oz. Allegheny, $1.00 per oz., 60c per ½ oz. Ficifolia, double hollyhock, NEW, $1.00 per oz. Single hollyhock, 10 distinct colors, 60c per ½ oz. Cash.
John Charlton & Sons, Rochester, N. Y.

Flowers from our improved strain of Semple's Branching Aster seed command the best price in the cut flower market. Colors—blue, lavender, white, pink, scarlet, and mixed. Trade pkt., 30c; oz., $1.00.
Henry F. Michell Co., 1018 Market St., Phila.

Palm Seeds. New crop Cocos Weddellana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Seed for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

To introduce the celebrated
LONG ISLAND CABBAGE SEED
I will mail FREE one packet Early, Second Early, Summer, Fall or Winter, and for 10 cents I will add four ¼ oz. packets.
FRANCIS BRILL, Hempstead, L. I., N. Y.

Our seed catalogue describes the largest collection of flower seeds offered in England, including many rare species not to be obtained elsewhere. Free on application. Thompson & Morgan, 5 Carr St., Ipswich, England.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

CHOICE FLOWER SEEDS, CROP 1903. Asparagus Sprengeri, 15c per 100; $1.00 per 1000. Complete stock florists' flower seeds.
J. C. Murray's Seed Store, 420 South Adams St., Peoria, Ill.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.
S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

SEEDS—Continued.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.
C. Holst, opp. Greenwood Cemetery, New Orleans, La.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SMALL FRUIT PLANTS.

Strawberry plants, nearly 50 var. New and old sorts. 10,000 grape vines. 100,000 raspberry plants, leading var. It will pay you to get our catalogue.
Elmhurst Nursery & Fruit Farm, Argentine, Kan.

"Strawberry plants that grow." Standard sorts, $1.75 to $3.00 1000. Also grape, raspberry, blackberry and currant plants. Catalogue free.
C. E. Whitten, R. D. No. 10, Bridgman, Mich.

The McPIKE GRAPE. Send to headquarters for genuine vines. Largest, hardiest, most delicious, most prolific grape known.
Edwin H. Riehl, North Alton, Ill.

SMILAX.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax from flats, 30c per 100 by mail; $2.50 per 1000. Cash with order.
Joseph Wood, Spring Valley, N. Y.

Smilax, 2¼-in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Strong smilax plants, 50c 100, $4.00 1000.
The Knoll Nurseries, Loomis, Cal.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRÆAS.

Spiraea japonica, $3.00 100; S. compacta multiflora, $3.50 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraeas. Send for our list of varieties and prices. Elizabeth Nursery Co., Elizabeth, N. J.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $2.00 per 100.
Paul O. Tauer, Lebanon, Ind.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.
TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
LETTUCE—Plants, ready April 1, 40c per 100, $3.50 per 1000. Improved Simpson, Grand Rapids, New Morse.
CELERY—Plants, ready June 1, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or over. Golden Self-Blanching, two strains, one more dwarf than the other; Improved White Plume, Winter Queen, Giant Pascal.
CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.
PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.
PANSY—Plants, ready April 10, budded or in bloom, $1.50 per 100. Vick's Superb Giant Pansy Mixture, Dreer's Royal Exhibition, Giant Trimardeau Mixed.
The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

Tomato plants, 2000 Lorillard and Mayflower, 3 in. pots, 6 to 8 inches, $2.50 per 100; $20.00 per 1000; 500 at 1000 rates.
E. J. Clond, L. B. 52, Avondale, Pa.

Lettuce, Big Boston, from cold frame, $1.00 1000. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
CAULIFLOWER—Snowball, 35c per 100, $2.50 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. All plants are transplanted; free from disease and insects. J. Wakefield, Charleston and Early Summer cabbage, and Grand Rapids lettuce plants, $2.50 per 1000. Beauty, Stone and Henderson tomato plants, and Moss Curled parsley plants, $4.00 per 1000, express not prepaid.
Small mailing size, not transplanted, one-half price of transplanted plants, we pay postage.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Cabbage—Winningstadt, Succession, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Lettuce plants, $1.25 per 1000. Tomato, $1.25 per 1000. J. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
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Mammoth fancy, mixed verbena plants from seed bed, ready to pot, 40c per 100, 300 for $1.00, postpaid.
A. B. Campbell, Cochranville, Pa.

Verbenas, mammoth, 2½-in., ready April 15, $2.00 100, $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $4.50 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Verbenas, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIBURNUMS.

Viburnums, collected, Cassinoides, dentatum, lantanoides, 6 in. to 2 ft., $8.00 per 1000; lentago, 4 ft. to 8 ft., bushy, good roots, $3.00 per 10, $15.00 per 100.
L. E. Williams, Nottingham, N. H.

Viburnum opulus, 3 to 4 ft., $3.00 per doz., $20.00 per 100.
Frank Kadlec, 177 Johnston Ave., Chicago.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

VINCAS.

Vinca variegata, large plants ready for 5-inch pots, or can be divided, $7.50 100; 2¼-inch, $2.50 100. Cash.
Port-au-peck Greenhouses, Long Branch City, N. J.

Vincas, cut from bench, for 5 and 6-in. pots, 5c; second size, half price.
C. J. Sanford, Unionville, Conn.

Vinca variegata major, 4 to 6 runners, 2½-in., $2.00 per 100. Cash.
C. F. Mahan, R. R. 8, Dayton, Ohio.

Vinca var., strong stock, $1.00 100, by mail.
S. W. Pike, St. Charles, Ill.

Vinca var. vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIOLETS.

Marie Louise, unrooted cuttings from clean, healthy plants, $4.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
A. Relyea & Son, Orchard Pl., Poughkeepsie, N. Y.

Violets, strong and healthy, free from any disease, Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

Princess of Wales violets, 1000 extra large stock plants, will make 15 to 25 small plants and cuttings, $8.00 per 100.
W. J. Palmer & Son, Lancaster, N. Y.

Violets, Princess of Wales, field-grown, well-rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash.
Ocean Park Floral Co., Ocean Park, Cal.

Strong field-grown Russian violet plants, $1.00 per 100; $8.00 per 1000, f. o. b. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Marie Louise violet cuttings, sand-rooted, after April 1, $10.00 per 1000.
A. Laub & Son, Hughsonville, N. Y.

Violets, California, Luxonne and Lady H. Campbell. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Violets, 2½-in. Campbell and Swanley White, $2.00 per 100. A. B. Campbell, Cochranville, Pa.

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DREER'S AQUATIC PLANTS.
HARDY AND TENDER WATER LILIES, NELUMBIUMS, VICTORIAS, ETC.
We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well-known standard varieties and all desirable American and foreign novelties. Those contemplating planting these plants can have our advice for the asking.
HENRY A. DREER, Philadelphia, Pa.

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Double petunias, vincas, heliotrope, salvias, coleus, chrysanthemum cuttings, etc. Good stock. C. W. Blatchley, Plantsville, Conn.

Cuphea, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

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TO EXCHANGE.
WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

To Exchange—Apple trees that will retail at 50c to 75c each for rooted cuttings of Enchantress, Prosperity, Lawson, Roosevelt or Eatelle. Price of trees 15c. Rooted cuttings of Climbing Soupert (new rose) to exchange even for Enchantress. G. L. Tyler, Du Bois, Pa.

To Exchange—Will exchange 2½-in. Gloire de Lorraine for A No. 1 rooted cuttings of Lawson and Gov. Wolcott carnations. Write for exchange price. M. A. Barick, Seymour, Ind.

To Exchange—Bride and Bridesmaid roses, 2½-in., good, healthy stock, for rooted cuttings of Enchantress carnations.
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REVIEW Classified Advs.

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Wanted—300 nice Liberty roses from bench or 4-in. pots. Stiles Co., Oklahoma City, Okla.

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Baskets, Puerto Rico Mats, etc.
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Our box sells on its merits.
Send for sample.
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Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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For southern wild smilax write
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Write for quotations on your wants to
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Krick's floral letters and designs are superior to any in the market. You should try them.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
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GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
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H. M. Robinson & Co., 11 Province St., Boston.

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500 boxes 16x24 double thick A glass at $3.50 per box, net cash. F. O. B. Chicago, Cleveland, Milwaukee, Detroit, Indianapolis, St. Louis, or any intermediate point. Other sizes at correspondingly low prices.
J. H. Rice Co., 80 Wabash Ave., Chicago.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
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French glass for direct shipment from abroad. Write for quotations.
Semon Bache & Co., 7, 9, 11 Laight St., N. Y.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse Glass.
Johnston Glass Co.
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Greenhouse glass, paint and putty are our specialties. Casper Limbach, Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points, Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish. 3-yr. old spawners, 50c pair; 2-yr. old, 35c pair. Common gold fish, 2-yr., $10.00 per 100. Long tail, 2-yr., $15.00 per 100. Common fan-tails, 2-yr., $20.00 100. The fish here offered are all 5 to 8 in. long. Please take notice that we are entirely sold out of the smaller size and will have no more to offer until June 1. C. Pommert, Amelia, Ohio.

GREEN MOSS.

Green moss for vases, extra fine quality, $1.25 per bbl.
Walter Mott Seed & Bulb Co.,
Jamestown, N. Y.

HOSE.

Salesmen calling on florists and greenhouse owners can obtain well paying side line of rubber hose by applying with particulars of the ground covered to Mineralized Rubber Co., 18 Cliff St., New York.

"ANCHOR" greenhouse hose, specially constructed for florists' use.
Mineralized Rubber Co., 18 Cliff St., N. Y.

Bull-dog hose, 7 ply, guaranteed; ¾-in., 16c ft. U. Cutler Ryerson, Newark, N. J.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

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NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

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Nikoteen Aphis punk is the most convenient and effective way of applying an insecticide. All dealers sell it.
Nicotine Mfg. Co., St. Louis, Mo.

Send for a 5-lb. trial pkg. of our TOBACCO POWDER. Write Dept. D for it.
H. A. Stoothoff Co., 116 West St., New York.

Fresh tobacco stems, $1.50 per bale.
W. C. Beckert, Allegheny, Pa.

Tobacco stems and siftings for sale. Address Swisher Bros., Cigar Mfgrs., Newark, O.

LABELS.

Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

We make a special greenhouse paint. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Krick's perfect flower pot handle and hanger are just what you need. Write.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Kramer's pot hangers. Neat, simple, practical. Write
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

Red pots. Write for prices and sample pot.
Coleburg Pottery Co., Colesburg, Iowa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

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American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 155 Ave. D, New York.

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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Wire stakes. All sizes, all lengths.
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Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

My stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me.
—ALBERT HAKE, Manchester, Pa.

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WITH hot sunny Spring begins the difficulty of keeping whiting shading upon the greenhouse glass. Upon the receipt of One Dollar ($1.00), I will mail to any person a recipe, which, if properly acted upon, will save considerable material and labor in shading greenhouse glass. It is an addition to be added to the whiting you already use and the cost is small. It will come off when wanted with the aid of a light brush. Address

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Sheep Manure

DRIED, UNPULVERIZED AND PULVERIZED. Write for prices.

MONTANA FERTILIZER CO., ELGIN, ILL.

Mention The Review when you write.

GLASS FOR SALE.

500 boxes 16x24 double thick A at **$3.50** per box net, cash, f. o. b. Chicago, Milwaukee, Detroit, Cleveland, Indianapolis, or St. Louis, or any intermediate point. Other greenhouse sizes at correspondingly low prices.

JAMES H. RICE COMPANY

Jobbers and Glass Manfrs.

80 & 82 Wabash Ave., CHICAGO

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PUMPS Rider-Ericsson. Second-hand, from $45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand 35 H.P., horizontal, $70.00; No. 5 Scollay, $45.00. New Boilers cheap.

PIPE New 2-in. full lengths, 9½ cts. Good serviceable second-hand, 2-in., 7½ cts.; 1½-in. 5¾ cts.; 1¼-in., 4½ cts.; 1-in., 3¼ cts.; ¾-in., 3 cts. All fittings and valves.

STOCKS and DIES New Economy, best made. No. 1 Threads, 1½-in., ¾-in. 1-in. pipe, $3.00. No. 2 Threads, 1¼-in., 1½-in., 2-in. pipe, $4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in.-1-in. pipe, $1.00. No. 2 cuts 1-in.-2-in. pipe, $1.30.

STILLSON WRENCHES New. 18-in., grips ¼-in.-2-in. pipe, $1.65; 24-in., grips 1¼-in.-2½-in. pipe, $2.40; 36-in., grips ½-in.-3½-in. pipe, $4.75.

PIPE VISES New, No. 1 Hinged, grips ⅛-in.-2-in pipe, $2.25.

GARDEN HOSE New. ¾-in., guaranteed 100-lbs. pressure 7½ cts. per ft.; ¾-in., not guaranteed, 4¾ cts. per ft.

GLASS New. Natural gas made, 50-ft. boxes, 16x24, double, $3.40 per box; 14x20 double, $3.20 per box; 12x16, single, $2.35 per box; 10x12 and 8x10 single, $2.25 per box.

HOTBED SASH New. Cypress, 3-ft x6ft., from 70 cts. up; glazed, complete, from $1.60 up.

TREE GUARDS 5000, 5 ft. 6 in. high, 10 in. diam., $1.50 each. Good as new.

Get our prices on **New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.**

METROPOLITAN MATERIAL CO.

1398-1408 Metropolitan Avenue, BROOKLYN, N. Y

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

One of the most useful of the low-growing shrubs is Weigela rosea nana variegata.

Of all the golden evergreens Retinospora plumosa aurea is the most popular and generally useful.

The catalpa gives good satisfaction for a time; then the planter wishes he had chosen a maple, an elm or an oak.

O. C. Simonds, Chicago, has been at Quincy, Ill., to suggest a treatment for an addition of eighteen acres to South park.

The Miller Nursery Co., Rochester, N. Y., has been incorporated with $30,000 capital. The directors are F. A. Miller and Ada M. Miller, of Rochester, and G. M. Kellogg, of Hornellsville.

The Jonesboro Nursery and Plantation Co., Jonesboro, Ark., has amended its articles of incorporation, changing its name to the American Nurseries Co. and increasing its capital stock to $10,000.

The liriodendron is a splendid tree of quick growth. One merit is its smooth bark. Transplanting is best done in spring, just as growth commences. It is classed as reliably hardy, but some fine trees succumbed in the vicinity of Chicago when we had a winter with little snow and alternate thaws and severe cold.

It is beginning to be understood that the oak is not the difficult subject, of slow growth, it has been considered. When frequently moved in the nursery row they form fibrous roots and are not hard to establish in their permanent location. The pin oak, Quercus palustris, is of fairly rapid growth and will stand many unfavorable conditions. It should have room for development.

Rhododendrons do well in most soils that are free from limestone, but they respond to liberal treatment. The native species are hardy as far north as New England. A shelter belt is effective where the position would otherwise be unduly exposed. A mulch of lawn clippings conserves moisture in summer and a heavier mulch of manure in winter protects the roots. Seeding should be prevented. The plants are easily moved in spring or fall and ship successfully if dug with good balls of earth.

A Belgian nursery grows immense quantities of cacti from seed. Most of the seed is gathered from old plants in the nursery, but a considerable quantity is imported from America, and it is a curious fact that the nursery afterward finds a good sale for the young plants in the same country. The seed of the mamillarias germinate in three to five days; cereus, seven days; echinopsis, eight days; echinocactus, ten or twelve days; opuntias, three to four weeks, often longer. Interesting new forms are secured by cross-fertilization.

HARDY, ORNAMENTAL STOCK

Grown in the Most Northern Nurseries in America.

SPECIAL OFFERS FOR SHREWD BUYERS

ORNAMENTAL TREES

Ash American	5-6 ft.,	8c
Ash, "	4-5 "	7c
Birch, Paper or Canoe	6-7 "	20c
Birch, " "	4-6 "	15c
Catalpa Speciosa	6-7 "	8c
Catalpa "	5-6 "	7c
Cottonwood	10-12 "	10c
Cottonwood	8-10 "	8c
Weir's Cut Leaf Maple	6-8 "	15c
Mountain Ash, European	6-8 "	12c
Mountain Ash, "	5-6 "	10c
Mountain Ash, Oak-leaved	6-7 "	20c
Poplar, Golden	6-7 "	12c
Poplar, "	4-6 "	10c
Poplar, Silver	5-6 "	5c
Poplar, "	6-8 "	6c

SHRUBS

Altheas, Assorted	2-3 ft.,	8c
Berberry, Purple	2-3 "	10c
Berberry, "	12-18 in.,	5c
Currant, Red Flag	2-3 ft.,	8c
Red Twig Dogwood	2-3 "	10c
Deutzia, Assorted	2-3 "	8c
Deutzia, "	3-4 "	10c
Golden Elder	3-4 "	8c
Purple Fringe	2-3 "	8c
Hydrangea, P. G	2-3 "	8c
Hydrangea, "	18-24 in.,	6c
Snowberry, White Fruited	3-4 ft.,	8c
Spiræa, Assorted	2-3 "	8c
Spiræa, "	3-4 "	10c
Syringa, "	2-3 "	8c
Syringa, "	3-4 "	10c

CLIMBERS

Amp. Quinquefolia	1 yr., 3c; 2 yrs.,	4c
Amp. Veitchii	1 yr., 5c; 2 yrs.,	8c
Clematis, Assorted	2 yrs.,	20c
Matrimony Vine	2 yrs., 4c; 3 yrs.,	6c
Bitter Sweet, 3-4 ft.	2 yrs.,	7c

HERBACEOUS PLANTS

Golden Glow 2c	Coreopsis 2c
Achillea The Pearl 2c	Hypericum 4c
Chrysanthemum, Max 3c	Iris Germanica 3c
	Aquilegia 3c

And many others in great variety. Send for our Special Wholesale List.

CATALOGUE FREE, describing many new and valuable varieties.

L. L. MAY & CO.,

Mention this Paper when ordering. Nurserymen, Florists and Seedsmen. ST. PAUL, MINN.

Mention The Review when you write.

SPECIAL OFFER IN SURPLUS TREES

We offer for Spring Delivery 800,000 ornamental trees of Ash, Elm and Linden at a price that will astonish you.

	per 100	per 1000
3-5 feet	$3.00	$25.00
5-7 feet	5.00	40.00
7-9 feet	8.00	70.00

References: Bank of Glenwood.

All grown in our nursery in Northern Minnesota. CASH WITH ORDER, 5 per cent discount and packing free. GLENWOOD NURSERY, Glenwood, Minn.

Surplus Shrubs CHEAP!

Also other trees and plants in assortment. Send for Wholesale List. SHREWSBURY NURSERIES, Eatontown, N. J.

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Dormant Roses

FIELD-GROWN.

H. P.'s and Mosses, Manetti Stocks

Fine disbudded plants. Nos. 1, 2 and 3.

Only in lots of 5000 and upward.

Prices and samples upon application.

HUNTSVILLE WHOLESALE NURSERIES, HUNTSVILLE, ALA.

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PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

1840 — 1904

Old Colony Nurseries

Alnus Incana, 5-7 feet, $8 per 100.
Baccharis Halimifolia, 18-24-inch, $5 per 100.
Eleagnus Hortensis, 4-5 feet, $10 per 100.
Symphoricarpus Racemosa, 3-4 feet, $5 per 100

TRADE LIST READY.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

CALIFORNIA PRIVET

		Per 1000
200,000	2 years, 2 to 2½ feet, very bushy	$20.00
150,000	2 " 18 to 24 ins., " "	16 00
100,000	2 " 12 to 18 " " "	10.00
200,000	1 year 12 to 18 " branched	9.00
200,000	1 " 10 to 12 " "	7.00
100,000	Cuttings, 8 ins., strong	.80
100,000	" 8 " light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barrs; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

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VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving. Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

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W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

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New Crop ASPARAGUS PLUMOSUS AND SPRENGERI SEED Special quotations on large quantities

HEALTHY, WELL-ROOTED CARNATION CUTTINGS, all of the latest and best varieties.

GRAFTED ROSES on Manetti Stock.

BRIDESMAID, BRIDE, GOLDEN GATE, IVORY, FRANZ DEEGEN, $12 per hundred; $100 per thousand.

SAMUEL S. PENNOCK, 1612 LUDLOW ST., PHILADELPHIA.

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CARNATIONS
ROOTED CUTTINGS
and PLANTS FROM SOIL.

Place your orders **at once** for prompt delivery. Strong, select, well rooted stock of the following varieties:

LADY BOUNTIFUL and THE BELLE,

The two largest and most prolific white carnations for 1904.

MRS. PATTEN, JUDGE HINSDALE, THE PRESIDENT and INDIANAPOLIS,

$12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Mauvina, Neptune, Aureola and Senorita.

Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Adonis, Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties: — Apollo, Stella, Harry Fenn and Lorna, $3.00 per 100; $25.00 per 1000. Gov. Wolcott and Dorothy Whitney, $4.00 per 100; $30.00 per 1000. Morning Glory and Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

Also other varieties than above mentioned in the sand and ready in a short time.

F. Dorner & Sons Co.
LA FAYETTE, IND.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
White Cloud	1.50	12.50	Flora Hill	1.50	10.00
Queen Louise	1 50	12.50	Mrs. P. Palmer	1.50	12.50
Prosperity				2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3.50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Brides, 3-inch, extra choice	5.00	40.00
Bridesmaids, 3-inch, extra choice	5.00	40.00
Stock Beauties (2-year-old)	10.00	
Stock Liberty (2-year-old)	10.00	
Asparagus Plumosus, 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,
NILES CENTER, Illinois.

Mention The Review when you write.

Enchantress
CARNATION.

I will have a few thousand strong rooted cuttings ready early in April.

$6.00 per 100. $50.00 per 1000.

W. K. PARTRIDGE, Station R, Cincinnati, Ohio

Carnation Plants
STRONG AND HEALTHY 2-INCH POTS.

White	Per 100	1000	Pink	Per 100	1000	Red	Per 100	1000
Flora Hill	$2.50	$20.00	Joost	$2.50	$20.00	Crane	$3.00	$25.00
Queen Louise	2.50	20.00	Morning Glory	2.50	20.00	America	3.00	25.00
Norway	3.00	30.00	Genevieve Lord	2.50	20.00	Kennicott	2.50	20.00
Lorna	4.00	40.00	Lawson	5.00	45.00	Roosevelt	4.00	40.00
Glacier	3.50	30.00	Dorothy	4.00	40.00	**Variegated.**		
Alba	5.00	50.00	Cressbrook	5.00	50.00	Mrs. Bradt	$3.00	$25.00
Peru	5.00	45.00	Enchantress	10.00	95.00	Stella	5.00	50.00
Boston Market	7.00	70.00	G. Angel	4.00	35.00	Gold Nugget, Yel.	3.00 per 100	

FERNS. Fine Stock.

Adiantum Cuneatum, Maiden Hair.....3-inch, $5.00; 5-inch $10.00; 6-inch, $15.00
Adiantum Cuneatum, Large Clumps from Benches.....$12.00 per 100
Boston Ferns 2½-inch, $3.00; 3-inch, $6.00; 4-inch, $12.00; 5-inch, $20.00
Selaginella Emmeliana.....fine 3-inch, $6.00 per 100

PALMS. Large Stock.

Latanias, Kentias, Arecas, Phoenix, Pandanus, etc., 3-inch, 10c; 4-inch, 15c; 5-inch 25c; 6 inch, 40c each.

PELARGONIUMS. Healthy Stock.

Mme. Thibaut, light pink; **Victor,** bright pink; **Sandiford,** white; **Jack,** dark pink; **Red,** 2-inch, $2.00; 3-inch, $4.00; 4-inch, $8.00 per 100.
Cannas—Best sorts, strong tubers.....$1.00 per 100; $10.00 per 1000
Dahlias—Assorted dry roots..... 3.00 " 30.00 "
Apple Geraniums.....3-inch, $4.00; 4-inch, $7.00 per 100
Poinsettias—Dormant.....6-inch, 30c each; $25.00 per 100
Mme. Salleroi—Strong, 2½-inch..... 3.00 " 25.00 "
Oakleaved Geraniums..... " 5.00; " 8.00 "
Feverfew.....3-inch, $5.00 per 100 **Asters**.....2-inch, $2.00 per 100

BATAVIA GREENHOUSES, 70 Batavia Ave., BATAVIA, ILL.

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CHRYSANTHEMUM Headquarters.
POEHLMANN BROS. CO., MORTON GROVE, ILL.
Largest Growers of Mums in the country.

Our stock is in the hands of experienced men and always kept up to the top notch in quality. We have now ready most of the leading commercial varieties in R C. and 2½-in. Orders booked now for May, June and July delivery will receive benefit of prevailing price at the time of shipment. The object is to grow the stock and have plenty of time in which to fill your order. This will make matters more satisfactory all around.

Have 3000 2½-inch Christmas to spare at **$18** per 1000. Wants to be shifted and cannot spare the room.
Write us immediately— **POEHLMANN BROS. CO., MORTON GROVE, ILL.**

Mention The Review when you write.

ROSES
Get your order in now for Roses and we will ship when wanted. We grow over 100,000 annually for the trade of the following varieties:

NO.	VARIETY.	R. C.	2 x 2½ In.	2½ x 3 In.	3 x 3 In.
1	Meteors	$1 50	$2 50	$3 50	$5 00
2	Brides	1 50	2 50	3 50	5 00
3	Maids	1 50	2 50	3 50	5 00
4	Ivory	1 50	2 50	3 50	5 00
5	Golden Gate	1 50	2 50	3 50	5 00
6	Perles	2 00	3 00	4 00	6 00
7	LaFrance	2 00	3 00	4 00	6 00
8	A. V. Kaiserin	2 00	3 00	4 00	6 00
9	Woottons	2 00	3 00	4 00	6 00
10	Bell Siebrecht	2 00	3 00	4 00	6 00
11	President Carnot	2 00	3 00	4 00	6 00
12	Am. Beauties	3 00	6 00	8 00	10 00
13	Liberty	5 00	8 00	10 00	.....

GEO. A. KUHL, Pekin, Ill.

Grafted Roses.
20,000 Brides and Maids.

These are on imported Manetta stock and nothing but healthy flowering wood being used.

Price, $120.00 per 1000.

Wm. A. Leonard, Lansdowne, Pa.

Rose Plants
FINE, HEALTHY AND STRONG

From 2-inch pots.

BRIDE, MAID, } $2.50 per 100. $20.00 per 1000.
SUNRISE.....$4.00 per 100.

Old plants of Liberty and Sunrise for sale in June.

E. T. Grave,
RICHMOND, IND.
Mention The Review when you write.

YOU CANNOT PRODUCE PRIZE WINNERS

With anything but Good Healthy Plants. Our success at Detroit March 2 broke all records. Get healthy, well-rooted Cuttings from us now, OF THE FOLLOWING VARIETIES:

	Per 100	Per 1000
CRUSADER, Scarlet	$10.00	$ 80.00
FLAMINGO, "	12.00	100.00
WHITE LAWSON, Pure White	12.00	100.00
LADY BOUNTIFUL, White	12.00	100.00
THE BELLE, White	12.00	100.00
MOONLIGHT, "	10.00	75.00
INDIANAPOLIS, Pink	12.00	100.00
VESPER, White	10.00	75.00
HARLOWARDEN, Crimson	4.50	40.00
LILLIAN POND, White	4.50	40.00
DOROTHY WHITNEY, Yellow	4.50	40.00

	Per 100	Per 1000
ESTELLE, Scarlet	$ 3.00	$ 25.00
MRS. HIGINBOTHAM, Light Pink	4.00	30.00
BOSTON MARKET, White	3.50	27.50
MARSHALL FIELD, Variegated	5.00	40.00
ENCHANTRESS, Light Pink	5.50	50.00
HER MAJESTY, White	4.50	40.00
PRES. McKINLEY, Dark Pink	4.50	40.00
GOV. WOLCOTT, White	4.00	30.00
MRS. LAWSON, Dark Pink	2.00	17.50
PROSPERITY	2.00	16.00
FAIRMAID	3.50	27.50

FIANCEE **Beautiful Clear Pink.** Judged as the FINEST CARNATION IN THE WORLD. Winner of LAWSON GOLD MEDAL and many other CUPS and MEDALS for past two years. To be disseminated next January. Orders booked now at the following rates: **$12.00 per hundred; $100.00 per thousand.**

CHICAGO CARNATION COMPANY, James Hartshorne Manager. JOLIET, ILL.

Mention the Review when you write.

DENVER, COLO.

With the approach of Easter everything in the floral line seems to be putting on its best garb; from the hardy lilac all the way down to the miniature primula all seem to be in the greatest profusion of bloom. Weather conditions enable the florists out here to bring in flowering stock with ease. Deciduous shrubs are ready to pop open under a few days' treatment of moist atmosphere, and a week's notice to the florist enables him to give his patrons a spring decoration of apple, plum and cherry blossoms. Considering the beauty and adaptability of this kind of stock and its profusion throughout the country, it is astonishing how little of it is used in floral arrangements. I noticed quite recently in the windows of the Scott Floral Co. an attractive decoration of apricot branches combined with light azaleas and delicate pink ribbon, deftly arranged. The apricot in question is the Russian variety, which frequently flowers but seldom sets fruit out here. It develops into flower in cold water in a few days and possesses the good qualities of keeping and having a delicious fragrance.

Prospects for the Easter trade are very encouraging, especially from the standpoint of supply, which will be abundant in everything but American Beauties, which have been very scarce since Christmas. Bulbous stuff will be plentiful and of good quality. Lilies, while better than they have been for several years, are not up to the old-time standard. Hydrangeas, deutzias, lilacs and other shrubs are showing up well and will be quite a factor in Easter trade.

A new aspirant for recognition out here this spring is the imported wistaria, which at this date promises to be quite attractive. It is grown in 6-inch pots and not over eighteen inches high, carrying from six to twelve flowers. The Park Floral Co. is handling this stock and think highly of it.

Ben Boldt has a fine lot of 6-inch genistas, but their usefulness out here at Easter is questionable, as heretofore they have proven poor sellers.

The State Association of Florists, which was organized last year, held its annual meeting recently at the offices of the Park Floral Co. Its officers are: President, John Satterthwait, Denver; first vice-president, Frank Crump, Colorado Springs; second vice-president, George Fleischer, Pueblo; secretary, J. A. Valentine, Denver; treasurer, Mrs. Johnson, Boulder. Its membership is made up chiefly from the business establishments throughout the state. Its object is to advance the various interests of the business, foster a social feeling and create an incentive to grow superior stock and exhibit same in friendly competition at the annual State Fair and other exhibitions. Several good papers were read at the last meeting. Prominent among them was one on carnation culture by N. A. Benson, one on the trials of a commission man by L. C. Waterbury, and a few terse remarks by Mrs. Johnson on the first year's experience of a florist in the business, in which she showed the disastrous as well as the humorous features of the business from the standpoint of a beginner.

Great Divide.

Rooted Carnation Cuttings.

TO MAKE ROOM -- Special low price to April 1st

On FLORA HILL and GUARDIAN ANGEL, Stock Best Quality, $8.00 per 1000; 5000, $35.00

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$12.00	$50.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.00	8.00	35.00
WHITE.			
Flora Hill	$1.00	$8.00	$35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	

RED.	100	1000	5000
G. H. Crane	$2.00	$18.00	$80.00
Estelle	2.50	20.00	.....
America	2.00	18.00	80.00
Mrs. Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	.....
LIGHT PINK.			
Higinbotham	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100;	$12.50 per 1000	Golden Gate	$1.50 per 100;	$12.50 per 1000
Maid	1.50 "	12.50 "	Ivory	1.50 "	12.50 "

ROSE PLANTS, 2-inch Pots.

Bridesmaids	$3.00 per 100;	$25.00 per 1000	Perle	$3.00 per 100;	$25.00 per 1000
Brides	3.00 "	25.00 "	Golden Gate	2.50 "	20.00 "

Ivory ..... $2.50 per 100; $20.00 per 1000.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

ROSE PLANTS

Strong Stock, from 2½-inch Pots.

	Per 100	Per 1000
UNCLE JOHN	$20 00	$150 00
Mme. Chatenay	6 00	50 00
Sunrise	5 00	40 00
AMERICAN BEAUTY	6 00	50 00
Liberty	5 00	40 00
Bridesmaid	3 00	25 00
Bride	3 00	25 00
Golden Gate	3 00	25 00

ROSE STOCK PLANTS

	Per 100	Per 1000
AMERICAN BEAUTY (2 years old)	$8 00	$70 00
Liberty " "	8 00	70 00
Sunrise " "	8 00	70 00
LaFrance " "	7 00	65 00
Golden Gate " "	7 00	60 00

Rose Cuttings

Well Rooted, Healthy Stock.

	Per 100	Per 1000
AMERICAN BEAUTY	$3 00	$25 00
Bridesmaid	1 50	12 50
Bride	1 50	12 50
Golden Gate	1 50	12 50
Sunrise	3 50	30 00

CARNATION CUTTINGS

Well Rooted — Now Ready.

WHITE.	Per 100	Per 1000
Lady Bountiful	$12 00	$100 00
The Belle	12 00	100 00
Reliance	10 00	80 00
Her Majesty	5 00	45 00
Boston Market	4 00	35 00
RED.		
Crusader	10 00	80 00
Flamingo	12 00	100 00
Estelle	2 50	20 00
America	2 00	15 00
Harlowarden	3 00	25 00
PINK.		
Indianapolis	12 00	100 00
Enchantress	6 00	50 00
President McKinley	4 50	40 00
Mrs. Lawson	2 00	15 00
Mrs. Higinbotham	2 00	15 00
VARIEGATED.		
Prosperity	2 50	20 00
Marshall Field	6 00	50 00
Mrs. Bradt	2 50	20 00

We have All the Standard Varieties of Carnations, and we are also booking orders for the Two Great Prize Winners, FIANCEE and CARDINAL, for next season. Write us for Price List on other varieties, and Special Discounts on large lots.

THE BENTHEY-COATSWORTH CO. 35 Randolph Street, CHICAGO

1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : : :

	Per doz.	Per 100
Alternanthera, 7 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana and Marginata	per 1000, $20.00, 40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Asparagus Sprengeri, 2½-in	50c	3 50
Baby Primrose, "Primula Forbesii"	40c	2.00
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties	per 1000, $15.00, 40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlias, roots	$40.00 per 1000,	5.00
List of varieties on application.		
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2 50
Hardy English Ivy, large and small leaved variety	per 1000, $15.00, 40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2 00
Hibiscus, in assortment	60c	4.00
Forget-Me-Nots, large flowering	40c	2 00

GERANIUMS—$2.00 per 100; $20 00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure, Comtesse de Harcourt, Double Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot, Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Holt's Mammoth Sage, per 1000, $15.00,	40c	$2.00
Lemon Verbena	per 1000, $20 00, 50c	2.50
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3.00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Sedum, variegated	40c	2 00
Smilax	per 1000, $15.00,	2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2 00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Jean Viaud, Mme. Landry, Mme. Jaulin, Mme. Charrotte, Single Gen. Grant and Granville.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and **HOLT'S MAMMOTH SAGE.**

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Carnations Rooted Cuttings

NEW DAYBREAK, Very free light pink, **$12.00 per 100. $100.00 per 1000.**

	per 100	per 1000
Governor Lowndes	$6.00	$50.00
Enchantress	6.00	50.00
Harlowarden	6.00	50.00
Adonia	8.00	70.00
Norway	2.50	20.00
Mrs. E. A. Nelson	4.00	35.00
Governor Wolcott	4.00	35.00
Estelle	$4.00	$35.00
Mrs T. W. Lawson	3.00	25.00
Genevieve Lord	2.50	20.00
Prosperity	3.00	25.00
Lorna	2.50	20.00
Fair Maid	3.00	25.00

Other new and standard varieties. Stock is in fine condition and ready for immediate delivery.
CHRYSANTHEMUMS. Best new and standard sorts. Write for list.

H. WEBER & SONS, - - - Oakland, Md.

Mention The Review when you write.

PITTSBURG.

The Market.

Business last week proved to be quite active and the apparent upward movement from now to Easter will no doubt be very gratifying to all. Last week the demand was active enough to avoid heavy accumulations of stock. All kinds of flowers are arriving in fine condition and a good share of sunshine will bring good crops in for Easter. All local growers report stock in the best condition, especially roses, lilies, carnations and all bulbous stock.

Notes.

At the last meeting of the Florists' Club a fine exhibition of carnations was made and our local growers who exhibited can feel proud of the showing they made.

The exhibit of miscellaneous flowers made by the Pittsburg Cut Flower Co. at this meeting was certainly a credit to that concern. Fifteen new names were proposed at this meeting. "Easter Flowers" will be the topic for the next meeting, April 5. Hoo-Hoo.

A BUSY PLANTSMAN.

Godfrey Aschmann turns out surprising quantities of stock at his place on Ontario street, Philadelphia. He gets as many crops out of his houses as any grower in the business. The place is always full, something always at hand to take the place of the outgoing, finished plants. The araucaria is one of his all-the-year-around specialties, but just now the azalea is to the fore. Mr. Aschmann makes an annual trip to Belgium and his stock shows the result this season in the large proportion of Mme. Van der Cruyssen. This most popular of all azaleas has been scarce for the last couple of years, but Mr. Aschmann was able to secure several thousands. Many he sold on arrival, but upwards of 2,000 are in fine flower for Easter. He also has all the standard varieties in quantity. He also has a whole house of cinerarias, 1,800 plants, which make a fine display. No stock of Easter plants would be complete without lilies, and his will nearly all be ready in time. Spiræas are another item. Mr. Aschmann is always glad to see visitors.

Chatham, N. Y.—R. E. Shuphelt is expected here from the south this week.

THE BEST NEW SCARLET CARNATION

The Cardinal.

Winner of FIRST PRIZE for 100 Scarlet and S. A. F. Medal and Certificate AT DETROIT.

TO BE DISSEMINATED NEXT SEASON BY

Chicago Carnation Co. Jas. Hartshorne, Manager. **Joliet, Ill.**

and Wm. Murphy, 130 E. 3rd St. Cincinnati, O.

At following rates — **$12** per 100; **$100** per 1000.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7.00	per 100.	$60.00	per 1000	
Enchantress	6.00	"	.....		
McKinley	4.00	"	30.00	"	
Estelle	4.00	"	30.00	"	
Nelson	3.50	"	30.00	"	
Lawson	$2.50	per 100.	$20.00	per 1000	
Queen Louise	2.50	"	20.00	"	
Mrs. Bradt	2.50	"	20.00	"	
Flora Hill	2.00	"	15.00	"	
Mrs. F. Joost	1.50	"	12.50	"	

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., **Philadelphia, Pa.**

Mention The Review when you write.

ROSES	ROSES	
PLANTS AND ROOTED CUTTINGS.	Per 100 R. C.	Per 100 2½-in.
American Beauty	$3.00	$6.00
Bride, Maid, Ivory, Gate	1.50	3.00
Perle. Kaiserin. Canadian Queen	2.00	4.00

Low rate by the 1000.

BOSTON FERNS — 2½-in., $4 per 100; 3-in., $8; 4 in., $12.50; 5-in., $25; 6-in., $40. Fine stock. Note the special low prices on smaller sizes.

W. H. GULLETT & SONS, Lincoln, Ill.

For Sale **Fine Rose Plants**

from 2½-inch pots.

Brides, Maida, Ivory and Perle, $3 per 100
Beauty, $5 per 100

J. F. AMMANN, -- Edwardsville, Ill.

CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. Wolcott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. Roosevelt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Queen Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

ROOTED CHRYSANTHEMUM CUTTINGS.

Kalb, Willowbrook, Polly Rose, Queen, Mrs. Jerome Jones, Timothy Eaton, Merry Christmas, Chadwick, Opah, Lady Harriet, Viviand-Morel, J. K. Shaw, Mrs. Coombes, Marie Calvat, Mrs. Murdock, Mrs. Perrin, Maud Dean, Pres. Smith, Woodford, Helen Bloodgood, Harry Parr, Robert Halliday, Mrs. E. D. Smith, Yellow Jones, Mayflower, Col. Appleton, Golden Wedding, Pennsylvania, Maj. Bonnaffon, Goldmine, Sunshine, R. H. Pearson. **Per 100.....$1.50**

BELL MILLER, Springfield, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DREER'S SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange. 40 cents per dozen; $3.00 per 100; $25.00 per 1000.

Choicest Single Flowered in Mixture, 35 cents per dozen; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

TWO GREAT TUBEROUS ROOTED BEDDING BEGONIAS

DUKE ZEPPELIN AND LAFAYETTE

See colored illustration of these two varieties on cover of our new 1904 Catalogue; they are the most brilliant among all the Begonias and invaluable either as pot plants or for bedding.

Duke Zeppelin, Pure Rich Scarlet, 15 cents each; $1.50 per dozen; $12.00 per 100.

Lafayette, Brilliant Crimson Scarlet, 25 cents each; $2.50 per dozen; $18.00 per 100.

NEW HYBRID FRILLED TUBEROUS BEGONIAS

A unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias. 25 cents each; $2.50 per dozen; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well-matured bulbs. Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

MISCELLANEOUS BULBS

	Per doz.	Per 100.	Per 1000
Amaryllis Formosissima	$0.30	$ 2.00	$15.00
Johnsonii	2.00	15.00	
Amorphophallus Rivieri	2.00	15.00	
Caladium, Fancy Leaved, 25 named sorts	1.25	10.00	
Choicest Mixture	1.00	8.00	
Esculentum, 6 to 8-inch bulbs	.40	3.00	
Esculentum, 8 to 10-inch bulbs	.65	5.00	
Esculentum, 10 to 12-inch bulbs	.90	7.00	
Esculentum, 12 to 13-inch bulbs	1.25	10.00	
Hyacinthus Candicans	.30	2.00	
Ismine Calathina	1.50	10.00	
Lilium Auratum, 8 to 9-inch	.75	5.00	
" " 9 to 11-inch	1.00	8.00	
" " 11 to 13-inch	1.75	14.00	
Lilium Speciosum Album and Rubrum, 7 to 9-inch	.90	6.00	
Gladiolus, American Hybrids, choicest mixture	.15	1.00	9.00
Groff's Hybrids, choicest mixture	.35	2.50	22.00
Madeira Vines	.30	2.00	15.00
Montbretias, 5 choice named varieties	.25	1.75	12.50
Tigridia Conchiflora, Grandiflora Alba and Pavonia	.30	2.00	15.00
Tuberoses, Double Pearl, selected, 6 to 8-inch	.20	1.00	8.00
Double Pearl, fine, 3 to 4-inch	.10	.60	5.00

For a complete list of all seasonable Bulbs, including the best list of up-to-date Dahlias, see current Wholesale Price List.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

PALMS FOR EASTER

Kentia Belmoreana.

I have a superb stock of PALMS in all sizes for Easter sales, and growing on for fall trade. They are exceedingly good value at prices quoted below.

ARECA LUTESCENS.

				Per doz.	Per 100
4-inch pot,	3 plants,	15 to 18 inches high		$3.00	$20.00
6 "	3 "	20 to 24 "		9.00	75.00
6 "	3 "	28 to 30 "		12.00	100.00
8 "	3 "	36 to 42 "	Very bushy	$2.50 each.	
10 "	3 "	42 to 45 "	"	5.00 "	
10 "	3 "	48 to 54 "	"	7.50 "	

My stock of this variety is very large, grown cool, clean and very healthy, and cannot fail to give satisfaction. All are grown three plants in a pot.

KENTIA BELMOREANA.

				Per doz.	Per 100	Per 1000
2½-inch pot,	3 to 4 leaves,	10 inches high		$1.25	$10.00	$ 90.00
3 "	4 to 5 "	12 to 15 inches high		2.00	15.00	
4 "	5 to 6 "	15 to 18 "		4.50	40.00	
5 "	6 to 7 "	18 to 20 "		6.00	50.00	
5 "	6 to 7 "	20 "		9.00	70.00	
				Each	Per doz.	
6 "	6 "	20 to 24 "		$1.00	$12.00	
6 "	6 to 7 "	28 to 30 "		1.25	15.00	
6 "	6 to 7 "	30 to 36 "		1.50	18.00	
8 "	6 to 7 "	34 to 36 "		2.50	30.00	

MADE UP PLANTS.

6-inch pot,	3 plants in pot,	22 to 24 inches high		$1.00 each
7 "	3 "	24 to 26 "		1.50 "

KENTIA FORSTERIANA.

				Per doz.	Per 100
2½-in. pot,	4 leaves,	8 to 10 in high		$1.25	$10.00
3 "	5 "	12 to 15 "		2.00	15.00
4 "	5 to 6 "	15 to 18 "		4.00	30.00

				Each	Per doz.
5- in. pot,	5 to 6 leaves,	18 to 24 in. high		$ .65	$ 7.50
6 "	5 to 6 "	28 to 30 "		1.00	12.00
6 "	6 "	30 to 32 "		1.25	15.00
6 "	6 "	32 to 36 "		1.50	18.00

MADE UP PLANTS.

7-inch pot, 4 plants in pot, 32 inches high ..... Each $2.00
8-inch pots, 4 plants in pot, 36 inches high ..... Each $2.50
8-inch pot, 4 plants in pot, 42 inches high ..... Each $3.00

JOSEPH HEACOCK, Wyncote, Pa.

A GOOD OPENING.

No doubt many of your subscribers would be glad to learn of a good opening for a progressive young man to engage in the florist's business in a prosperous town of over 20,000 inhabitants, where there is no regular florist. Our twin city of Winston-Salem, North Carolina, is just such a place. We have no regular florist. We have to send away for our flowers. I have a small private greenhouse for my own use and am so often applied to for flowers that I thought I would write to your journal and see if you could not interest some good young florist, with some money to start with. I would be willing to aid such a florist if the right kind of a man, to start in the florist's business here. I would be pleased to correspond with some young man who thoroughly understands the florist's business desiring such an opportunity as is here offered. C. A. Hege.

A WISCONSIN BOILER.

Some of the florists, as well as many other people up in Wisconsin, are using a boiler which has gained a reputation outside that state as a great fuel saver. It is made by the Burns Boiler & Manufacturing Company, of West De Pere, Wis., who show many letters which state that when old boilers were replaced by theirs a saving of 50 per cent in fuel was effected. The boilers are made of flange steel and are internally fired, requiring no brick work.

Newton, Kan.—C. L. Shank is making quite an addition to his up-to-date range of glass, the new houses to be used this spring to accommodate a fine lot of bedding plants. Everything about his place is neat and clean and speaks of prosperity.

Surplus Carnations

SAND-ROOTED

Subject to Examination.

	100	1000
White Cloud	$1.40	$12.00
Queen Louise	1.50	12.00
Prosperity	2.00	18.00
Bradt	2.00	18.00
Lawson	2.00	18.00
Crane	2.00	18.00
Joost	1.60	15.00

Sand rooted Marie Louise Violets after April 1st, $10.00 per 1000.

A. LAUB & SON, HUGHSONVILLE, NEW YORK.

Mention The Review when you write.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

H. J. SMITH

WHOLESALE DEALER IN HARDY CUT **Ferns, Etc.**

Fancy and Dagger Ferns $2.00 per 1000.

Moss, Laurel, Bouquet Evergreen, Spruce and Balsam Boughs for cemetery use. Also Laurel and Evergreen Wreaths and Festooning.

SEND IN YOUR ORDER EARLY FOR EASTER. Now is the time to order your **Rooted Hemlock Trees** for Hedges, etc. The best in the market, 2 to 5 feet high. Write for prices in any quantity. Our stock is always the best.

HINSDALE, MASS.

VERBENAS. We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

Mention The Review when you write.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

Mention The Review when you write.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

Carnations WELL ROOTED AND HEALTHY

Boston Market	$3.00 per 100
Lawson	3.00 "
Maceo	2.00 "
Wolcott	5.00 "

Cash with order from unknown parties.

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

This is Mr. Reinberg's 1903 addition: Nine houses 27½ x 304, 8½ feet to the Garland Iron Gutter.

Mr. Peter Reinberg says:

"When a man has once tried iron gutters it spoils him for anything else. I am rebuilding a range of houses 27 x 265 feet and although the wooden gutters were in fair shape, I am replacing them with Garland's Iron Gutters because I can

Save 32 ft. of bench space, 265 ft. long and Build the range with ⅓ less posts.

I can also have less shade, more head room and gain in other ways.

I expect the 8,480 square ft. of extra bench room gained to almost repay the cost of rebuilding in one season."

Does not the above statement make the USE OF OUR GUTTERS WORTHY OF YOUR CONSIDERATION?

FOR FURTHER INFORMATION ADDRESS

G. M. Garland Co.

DES PLAINES, ILL.

30,000 Hardy Roses

STRONG 2-YEAR-OLD, FIELD GROWN,

in the following varieties and many others. Magna Charta, Ulrich Brunner, Marg. Dickson, Mme. Gabriel Luizet, Mrs. John Laing, Gen. Jacq., Paul Neyron, Prince Camille de Rohan, A. Colomb, John Hopper, *Crimson Rambler, *Dorothy Perkins (new pink Rambler $18.00 per 100) *Maman Cochet, both pink and white, *Madam Plantier, $8.00 per 100. Prices except where noted $10.00 per 100; $80.00 per 1,000. Those marked (*) are on their own roots.

Hydrangea—Paniculate Grandiflora 3-4 feet.....$10.00 per 100
" " " standard.... 30.00 per 100
Clematis—Jackmani and others, 3-year-old ..... 25.00 per 100
Aristolochia Sipno—(Dutchmans Pipe) strong.. 30.00 per 100

Bignonia Radicans—Trumpet Vine, strong.....$25.00 per 100
Wistaria Chinensis—Strong plants.. ..... 25.00 per 100
English Ivy—Heavy, from 4½-in. pots..... 10.00 per 100
Ampelopsis Veitchii—Field grown..... 6.00 per 100

Write us for Prices on Box Wood. All sizes.

Ozone Park Nurseries, Ozone Park, Long Island, N. Y.

Mention The Review when you write.

ST. PAUL.

The weather has at last turned warm and pleasant and trade has revived. Flowers have improved in quality and the supply is about equal to the demand. Beauties are still short, but are improving daily, both in quality and quantity. Violets are now quite plentiful and have dropped to $5 and $7.50 per 1,000. Bulbous stock has been very plentiful of late and has not sold quite as well as a year ago. Lilies are not very plentiful. In fact, there will not be a very large supply for Easter. Blooming plants are quite common. Most of the stores have a spring-like appearance in their window displays.

Gust Colberg, of the Swanson Floral Co., lost nearly all of his household goods by a fire, which destroyed his home the afternoon of March 5.

Wm. Speth has taken charge of L. L. May & Co.'s retail store. Their greenhouses are looking very fine this winter. A year ago they erected seven houses on the short-roof pattern. These houses are planted to roses this season, the stock showing up in fine shape. Roses are all grafted and grown two years. Liberty is the most profitable sort grown here this season. Beauties have done fairly well. In carnations, Enchantress is easily the leader. Violets have never done well here, the last planting developing club root very rapidly. On Easter lilies here, as elsewhere, disease has made its inroads, and some of the best bulbs only produced one or two blossoms. The bulbs are also badly mixed, there being eight or ten varieties in one batch. The Japanese giganteum, red stemmed, seems to be by far the best sort. An immense stock of Easter blooming plants is being grown. As this firm does an extensive catalogue business, large numbers of mailing plants are propagated. Frank Gustafson is the superintendent.

At Holm & Olson's I found the foreman, Ludwig Anderson, busy as ever. Roses and carnations are not grown here, the range being built for palms, ferns, mums, bulbous stock and bedding plants. One lot of 1,000 longiflorum, cold storage bulbs, were particularly fine. The longiflorum giganteum were also fine, but will have to be hustled to get into bloom for Easter. The other stock is all in good shape and a sure trade winner. The growing facilities here are supplemented by numerous hotbeds, which are rendered necessary by their large trade in spring bedding plants.

X. Y. Z.

NEW ROSES

Cardinal and Enchantress

Read testimonials from two of the largest growers in Washington who have bought a large number of plants after seeing them growing at my place.

Washington, D. C., February 27, 1904.

Your new rose Cardinal came duly to hand and we firmly believe it will have a great future, and will certainly be a money maker as it is in a class all to itself, being superior in form and habit to anything that we have as yet seen. Your new rose Enchantress we also think will be a great money maker, judging from its profuse blooming quality, as we have seen it several times in mid-winter. It cannot help being a winner. Wishing you ever success, we remain, Yours truly. A. GUDE & BRO.

American Rose Co., 909 F St., N. W., Washington, March 17, 1904.

Dear Sir: We gave all the show possible to Enchantress and Cardinal, placing them in our window with placards telling what they were. They kept a week, retaining their brilliant color to the last. Cardinal was as full of perfume the day its petals dropped as when it was first cut. The roses are both matchless, and we believe destined to outclass all roses of their color for forcing under glass. Very sincerely yours,

AMERICAN ROSE CO., per B. D.

CARDINAL, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
ENCHANTRESS, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
Not less than 50 sold at present. Cash with order. Stock limited.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention the Review when you write

Cycas Revoluta!

For delivery now and later.

The true long leaf variety only sent out. Stems from ½-lb to 6 lbs. each.

1000 lbs., assorted.....$60.00
500 " " 32.50
100 " " 7.50

Above goods are offered f. o. b. railroad freigbt depot and subject to good arrival. Offers on other goods; see other adv. in this paper.

F. W. O. SCHMITZ, PRINCE BAY, N. Y.

Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 per 100; $18.00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in Deeember from 2-in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

BOSTON and PIERSONI Ferns

We have them in 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

Will make you right price to get room. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Chrysanthemums....

PINK.	Per 100	WHITE.	Per 100
Bentley	$2.00	Alice Byron	$4.00
Mrs. Coombes	2.00	Adrian	1.50
Mrs. Chamberlain	2.00	Chadwick	2.00
Marie Liger	5.00	Calvat '99	3.00
K. C. Star	2.00	Convention Hall	5.00
YELLOW.		Mme. Cadbury	3.00
Robt. Halliday	1.50	Mrs. Robinson	1.00
Mrs. H. Emmerton	4.00	Mrs. Tranter	3.00
F. J. Taggart	3.00	**BRONZE.**	
Mrs. F. J. Taggart.	2.00	Edgar Sanders	2.00

Prices are for rooted cuttings. Plants from 2¼ x 3¼-in. pots 1c each extra. Five of a kind at 100 rate, but no order filled for less than $1.00. Send for list of 50 choice varieties including novelties of 1904.

W. A. CHALFANT, SPRINGFIELD, MO.

Mention The Review when you write.

CANNAS.

Alphonse Bouvier, Austria, Alsace, Burbank, Bronze Beauty, Beaute Poitevine, Burlington, Chas. Henderson, Duke Marlborough, David Harum, Explorateur Crampbell, Egandale, Florence Vaughan, J. D. Eisele, Italia, Leonard Vaughan, Midway, Mlle. Berat, Mme. Crozy, Paul Marquant, Pres. McKinley, Partenope, Pennsylvania, Philadelphia, Queen Charlotte, Robert Christie, Robusta, Seedlings, Sam Trelease, Souv. De A. Crozy, and Cinnabar.

These cannas were grown for our retail trade, and we find we will have a surplus of fine strong dormant tubers, which we quote at **$2.00** per 100; **$17.50** per 1000.

CASH WITH ORDER.

The Livingston Seed Co., Columbus, O.

Box 104.

Cable Address Grastone, A. B. C. Cable Code. 4TH AND 5TH EDITIONS.

CHAS. D. STONE & CO.

Import Agents of B. & O. R. R.

CUSTOMS BROKERS and FREIGHT FORWARDERS,

113 Adams Street, CHICAGO, ILL.

NEW YORK Office, 32 Broadway. **BALTIMORE Office, Camden Station.**

Agents in all the principal ports of the United States and Europe.

LARGEST RECEIVERS OF BULBS, PLANTS, PALMS, etc., WEST OF NEW YORK

We are pioneers in the consolidation of invoices and shipments of Bulbs, Plants, etc., for distribution to various destinations, this arrangement obviously resulting in the saving of considerable expense in the way of fees and minimums to the various consignees, which would otherwise obtain.

Having handled nearly all of the shipments of this class of goods to Chicago and the West for years, and being thoroughly conversant with the requirements of the law and other details, we are in a position to name the very lowest rates on freights and Custom-House business and to guarantee promptness, accuracy and dispatch.

We shall be pleased to quote rates and furnish routing instructions on application.

Duties, freight and charges advanced on importations.

Mention The Review when you write.

SOMETHING ENTIRELY NEW!

FLORISTS' PLATE BOOK

ALL THE LEADING VARIETIES OF FLOWERS, ETC., ILLUSTRATED IN COLORS, BESIDES A SUPERB ASSORTMENT OF FLORAL DESIGNS, HANDSOMELY AND SUBSTANTIALLY BOUND, $3.00 EACH.

Over Three Thousand Varieties and more than Two-and-a-Half Million Colored Fruit and Flower Plates constantly carried in stock. We have a larger variety and a larger stock of Colored plates than any other concern in the World, made in Lithograph, Litho-Process, Photo-Process, Photograph and Hand-Painted.

N. B.—We carry in stock all forms and blanks necessary to successfully conduct the Nursery business.

VREDENBURG & CO.

Lithographing, Printing, Engraving and Binding

ROCHESTER, N. Y.

CATALOGUE FREE ON APPLICATION CATALOGUE WORK A SPECIALTY

SEATTLE, WASH.

The H. Harrington Co., of Vashon, is breaking ground for two more houses, 20x150 feet, for carnations. They built three houses last year, besides rebuilding two small houses. Their carnations are in good shape and have been producing steadily since September. Enchantress, Adonis and Harlowarden are winners among the new ones this year with them. Their lilies are in fine condition and will no doubt be in time. Their bulbs produced about eighty per cent good plants.

The Woodland Park Floral Co. has the finest lot of roses to be seen in the state. They have just finished rebuilding five houses 12x150 feet which they have planted to vegetables for the spring and summer trade, after which they will be used for mums, etc. Mr. Hoffmeister, proprietor of the Washington Floral Co., is recovering from his attack of rheumatism.

The demand for first-class carnations has been good this year. There was a scare of a big surplus after the holidays, caused by heavy shipments sent down from Victoria, but now we hear that a great many of their plants have gone bad.

This has been a very bad winter, an unusual amount of dark weather, but not much frost. February broke the record for rainfall, about eight inches. Sweet peas, snapdragons and verbenas have wintered over; rose bushes have not lost their foliage, and have made some growth during the winter.

E. A. Perry, of Vashon, is building three houses for vegetables. This is Mr. Perry's first attempt at the business.

AN EARLY AZALEA.

We have now to do with a rich rose-colored azalea, which, judging from the plate in the Revue de l'Horticulture Belge for February, has flowers of a good shape, fine color, and an early-blooming tendency. It is Azalea indica Rose de Noel and was raised by M. De Smet-Duvivier as a sport, and flowers in December.

Oklahoma City, Okla.—Mr. Weppner, of the George Wittbold Co., Chicago, was a recent visitor and booked some orders.

Established 50 Years.

Lovers of **RARE and CHOICE ALPINES and HERBACEOUS PERENNIALS** should make a point of seeing

Thompson & Morgan's

SEED CATALOGUE,

Which describes the largest collection of **FLOWER SEEDS** offered in England, including many **RARE SPECIES** not to be obtained elsewhere.

Post free on application.

5 Carr Street and Haslemere Nurseries, IPSWICH, England.

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DAHLIAS, Pot Roots, **Ten Gold Medals Awarded in 1903**

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $4.00 per hundred in 25 sorts. Better and newer kinds at $5.00 and $6.00 per hundred. **Terms Cash with order.**

TEMPTING BARGAINS There is money in the kinds named below, and we offer them post free for cash. This is the first time we have been enabled to offer post free, as this means of transit has only recently come into operation.

SPECIAL OFFER OF 12 CACTUS DAHLIAS as follows, free by post, for $1.20; 6 of each, free by post, $5.50; 12 of each, free by post, $10.00; 100 of each free by post, $80.00. **Alpha, Artus, Floradora, Galliard, J. Weir Fife J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Princa of Yellows, and Veata.**

NEW SEEDLING CACTUS DAHLIAS One each of the following 12 distinct varieties, all new and certificated by the Dahlia Societies in England, free by post for $2.00; 6 of each, post free, $10.00; 12 of each, post free, $19.00—**Aunt Chloe, C.G. Stredwick, Flamingo, Gabrtel. Ophir, Miss Grace Cooke, Mrs. J. P. Clarke Mrs. A P. Perkins, Mrs. H. J. Jones, Mrs. Edward Mawley, Richard Dean, and Sailor Prince.**

WHITE DAHLIAS FOR CUT **Lord Roberts** (Cactus), $8.25 per hundred, free by post; **Purity** (Cactus), $11.25 per hundred, free by post; **Winsome** (new), $1.25 each, free by post; **Guiding Star** (Pompon), $8 25 per hundred, free by post. **Terms cash with order.**

HOBBIES LIMITED Catalogue, 144 pp., free of charge. **NORFOLK NURSERIES DEREHAM, ENG.**

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GRAND NEW RED ROSE

"Etoile de France"

(HYBRID TEA)

The Queen of the Red Roses for forcing, of a rich brilliant coloring, much more vigorous and easier to grow than Liberty.

Description, prices and conditions of sale will be sent on application

By the Raiser

J. PERNET-DUCHER,

Rose Grower, Venissieux-les-Lyons (RHONE, France.)

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THE NURSERIES,

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WHOLESALE GROWERS of all sorts of Nursery and Florists' Stock, hardy Rhododendrons, Azaleas, Lilacs, Conifers, Taxus in variety, Boxwood, 1 to 4 feet high, Ampelopsis Veitchii, Peonies, H. P. Roses, Dwarf and Standard Crimson Ramblers, etc. Moderate prices. Ask for catalogue, sent free on request, by

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Partner and Representative of the firm, Care MALTUS & WARE.

136 Water St., NEW YORK

No Agents.

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.....Wholesale Dealers in.....

Grass, Clover,

AGRICULTURAL and FOREST TREE SEEDS

Prices and Samples on application.

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For ORCHIDS

Imported and Established apply to

THEODORE PAUWELS,

Orchid Villa Nursery,

Meirelbeke Station, near Ghent (Belgium)

New Chrysanthemums

The best of the Novelties shown at New York this year are from my last year's set.

Another great set described in my special list just out. Sent post free. Write for it.

W. WELLS & CO.,

EARLSWOOD, - - SURREY, ENGLAND.

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Manufacturer of Fancy Flower Baskets, Porto Rico Mats, Fiber Ribbon, Waterproof Crepe, Cape Flowers, Cycas Prepared, etc.

NOVELTIES FOR WHOLESALE FLORISTS.

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Marine and Fire Insurance Brokers. Foreign Express to all Parts of the World. Cartage, Weighing and Storage Attended To. Passports Secured. Drawbacks Collected on exports.

IMPORTING: Do you import plants, bulbs, seeds, etc? If so, we take this opportunity of presenting our House to you, both in New York and Chicago, for attending to your Custom House business and forwarding.

OCEAN FREIGHTS: We are the largest forwarders of plants, bulbs, seeds, etc., in the United States, and by reason of the vast quantity of goods we handle we are, at all times, able to secure the lowest rates of ocean freights and shipping charges. Rates on application.

FOREIGN AGENTS: We have agents in all the principal ports in the world, through whom your goods could be shipped for consignment to us, and we would be pleased to give you their names and full shipping directions on application.

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LILIUM HARRISII

I am the largest grower of Lilium Harrisii in Bermuda.

My fields are in excellent condition and show more favorably than last year when they were considered better than my neighbors.

Prices and full particulars on application.

CHAS. A. V. FRITH, Bermuda.

NEW ORLEANS.

Spring in the South.

As by a charm dame nature has awakened from her short slumber. The mocking bird has called her with his melancholy notes and she has donned her gala dress. Orange blossoms adorn her virgin head and roses her bridal gown. The bridal wreath awaited her in gorgeous bloom and peach and pear sent their beautiful blossoms to complete the decoration, while the warm sun brightened the day for her welcome.

The purple wistaria, with its wealth of graceful sprays, hugs the stately magnolia and sends down a shower of fading flowers, while pretty girls in light summer attire peep from behind the latticed galleries hidden under a wealth of scarlet and gold, our favorite climbing roses Reine Marie Henrietta and Marechal Niel. Old Mercury has been up in the seventies, making it rather uncomfortable for palms and ferns in the houses, and in a short time they will be out under slatted sheds. The pansy beds have been in their glory for some time. Violets have gone to rest for another year, while geraniums, heliotropes, salvias, begonias, etc., are taking the place of the earlier annuals. The lawns are awaiting their first clipping. Everybody is hustling to get the beds in shape for Easter. Greenhouse work is crowding and good help is at a premium. It is too late to plant trees and shrubbery; everything is green and blooming. The mespilus is ripening its golden fruit, camellias are passing away and the fragrant Magnolia fuscata fills the balmy night with its rich perfume, following the precocious Olea fragrans or sweet olive, which has just shed its last flowers. Easter lilies are stretching their necks trying to be on time and the scarlet Amaryllis Johnsoni is in bud. The first sweet peas in private gardens have made their appearance, a true sign that spring is here for good. We have reasons to thank the Lord for a good many things, and especially for the small coal bill, which, however, never assumes proportions like those of our northern friends.

C. W. Eichling.

Charlotte, N. C.—Thomas W. Long has 2,000 feet of glass and is putting up an addition of 8,000 feet this year.

...ROOTED...

CARNATION

...CUTTINGS...

ENCHANTRESS

$6.00 per 100; $50.00 per 1000.;

THE QUEEN

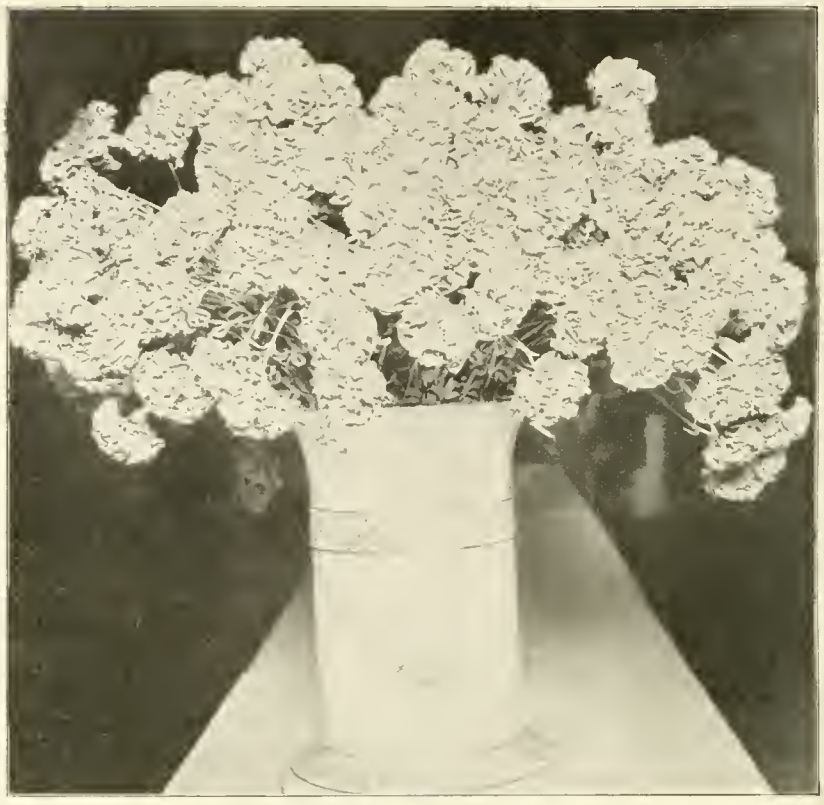
$5.00 per 100; $40.00 per 1000.

High Grade Cuttings of these two splendid varieties now ready.

Larchmont Nursery,

Larchmont, N. Y.

Mention The Review when you write.



CARNATION INDIANAPOLIS.
(Vase of 200, not for competition, exhibited at Detroit.)

Indianapolis

THE BEST BRIGHT PINK CARNATION IN SIGHT. IT NEVER BURSTS.

This will be sure to become a standard commercial variety on account of its FINE COLOR, GOOD FORM, SIZE, STEM and FLORIFEROUSNESS. Nothing we have ever had on our place could touch it in BLOOMING. EVERY SHOOT A FLOWER STEM AND NEVER OFF CROP. Stands a FOOT ABOVE Lawson throughout the season and is easy to manage. The color is much brighter than Joost but not so dark as Lawson in the dark days of winter. IT KEEPS ITS BRIGHT COLOR.

10,000 READY FOR IMMEDIATE DELIVERY
and 10,000 more FOR EARLY APRIL DELIVERY.

$2.50 per doz.; **$12** per 100: **$100** per 1000

BAUR & SMITH

330 West 38th Street,

INDIANAPOLIS, IND.

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F. R. PIERSON CO.

TARRYTOWN-ON-HUDSON, NEW YORK

NEW PINK CHRYSANTHEMUM

DR. ENGUEHARD,

The Finest Commercial Pink Chrysanthemum Ever Introduced.

WE WERE AWARDED FOR THIS FIRST PRIZE FOR THE BEST SIX BLOOMS ANY NEW PINK VARIETY, at the Chrysanthemum Show in New York. This is going to be in Pink Chrysanthemums what Col. D. Appleton has been in yellow and Timothy Eaton in white. It is a fine commercial flower of the largest size and an ideal color; fine, large, compact blooms of great substance; a fine shipper; something that has long been wanted in Pink Chrysanthemums. It has grand foliage, is an easy "doer," and is a phenomenal variety in every respect. Certificated by the C. S. A., having scored as high as 95 points. Fine, strong plants, ready for immediate delivery.

50 cents each, $5.00 per dozen, $30.00 per hundred.

ENGUEHARD

THE WHITE LAWSON,

THE MOST VALUABLE WHITE CARNATION

WHEN ONE CONSIDERS that about a third of all the carnations grown to-day are **Mrs. Thomas W. Lawson,** the value of a **White Lawson** will be at once apparent, and it will undoubtedly stand as far ahead of all white carnations as **Mrs. Thos. W. Lawson** stands ahead of all pink carnations for commercial or private use. Nothing need be said in praise of **White Lawson** except to state that it is a sport of **Mrs. Thomas W. Lawson,** and as good as that variety in every respect, with all of its remarkable free-blooming qualities, but is pure white. No extended description is necessary; its value will appeal at once to every carnation grower. This variety originated with Mr. Charles H. Allen, Floral Park, New York, and recognizing at once its great value to the trade, we purchased his entire stock. As there are other stocks of White Lawson offered, in order to secure this superior stock, the value of which has been well established, ORDER FROM US, as WE CONTROL THIS ENTIRE STOCK.

Strong-rooted Cuttings, $12.00 per 100; $100.00 per 1000.

Send for our Wholesale Price List, giving list of other novelties—FLAMINGO, MRS. M. A. PATTEN, NELSON FISHER, etc.; also other Choice Standard Carnations.

WHITE LAWSON

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$7 00	$60 00
KAISERIN	3 00	25 00
LIBERTY	5 00	40 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 25	$10 00
MRS. E. A. NELSON	2 00	18 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN, ROOSEVELT	3 00	25 00

WHITE.	Per 100	1000
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

GENERAL MacARTHUR.

Heller Bros., of New Castle, Ind., are growing 600 plants of Storrs & Harrison's new rose, to be disseminated next month. This is General MacArthur, of which F. J. Ammann said in a talk to the St. Louis Florists' Club: "I tell you, the General is a dandy, dressed out in true military style. Why, it is worth the price of the rose just to see that magnificent foliage. The flower is fully as good as Liberty and it seems to be a grower, not a rester."

General MacArthur originated with E. G. Hill, at Richmond, and Heller Bros. have watched it for three years. They do not think it quite so good a flower as Liberty but find it so healthy and free blooming that they prefer it. They say that they think it will prove to be better than any red rose now on the market from the fact that anybody can do it well and cheaply in a house with Bride or Maid.

ANOTHER RED ROSE.

A European novelty which will be tried by many American rose growers next season is Etoile de Franee, which originated with J. Pernet-Ducher, the disseminator of Carnot, Testout, Chatenay and many other good sorts. The new candidate is a seedling which is described as having "inherited from the seed-bearer variety, Mme. Abel Chatenay, the wonderful habit of growth and free blooming qualities; from the fertilizer variety, Fisher Holmes, it has only kept the brilliant color."

Bellefontaine, O.—Poole & Purllant have some seedling geraniums of which they think highly. The seed bearing parent was a white and one of the best of the seedlings is a robust white, another a fine light pink. The latter makes a fine pot plant as it carries its trusses well above the foliage.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000
White Bradt	$6 00	$50 00
Boston Market	4.00	35.00
Gov. Wolcott	3.00	25.00
Innocence	2 50	20.00
Glacier	2 00	17.50
Norway	2 00	17.50
Lorna	2.00	17.50
White Cloud	1.50	12.50
Variegated.		
Mrs. Bradt	3.00	25 00
Prosperity	2 50	20.00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2.50	20 00
Gomez	1 50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3.50	$30.00
Floriana	2 50	20.00
Lawson	2.50	20.00
Marquis	2.50	20 00
Dorothy	2.00	17 50
Joost	2 00	17.50
Nelson	2.00	17.50
Triumph	1.50	12.50
Light Pink.		
Fair Maid	3 00	25.00
Elma	3.00	25 00
Morning Glory	2 00	17.50
Success	1 50	12 50
Red.		
Adonis	7 00	65 00
Manley	4 00	35 00
Estelle	3.00	25 00
Crane	2 50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Jean Viaud, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000
Peru	$1.50	$12.50
Lawson	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	$1.50	$12.50
America	2.00	18.00
Estelle	2.00	18.00

Guardian Angel, $1.25 per 100; $10.00 per 1000.

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. **Chicago**

Salesroom: 60 WABASH AVE., Tel. Central 3067.

THE QUEEN

Is a money maker sure. Best White Carnation in sight. Stock ready now, $5.00 per hundred, $40.00 per thousand.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

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ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Deud. Chrysanthum and others. To arrive—**CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY

CERTIFICATE C. S. A.

ORIGINATED in this country three years ago. It has shown to possess all the qualities required by a first-class commercial Chryanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent. Color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later.

Price each 50c
Per dozen $5.00
Per 100 ..... $30.00

ROOTED CUTTINGS

Convention Hall, Maric Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Mme. Diederichs.

Per 100 ..... $6.00

Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Bonita, Yanoma, Orizaba, Lincoln, Monrovia, John Shrimpton, G. W. Childs, Nagoya, Rieman, Mrs. Coombes.

Rooted Cuttings from sand, per 100 ... $2.00
" " " " " 1000 .. $18.00

Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Walter Molatsch, Robt. Halliday, Mme. Bergmann, Glory of the Pacific, Polly Rose, Ivory, pink and white; Willowbrook, Helen Bloodgood, Col. D. Appleton.

Per 100 ..... $1.25
Per 1000 ..... $10.00

Cash with order, please.

G. F. NEIPP, Aqueduct, L. I., N. Y.

Jamaica Post Office, Woodhaven Station.

THE COTTAGE GARDENS NURSERY BOOK.

IT IS THE BOOK YOU NEED.

SEND FOR IT.

A NEW DEPARTURE

We have established an extensive Nursery devoted to growing fancy specimens of Trees, Shrubs and Evergreens. If any of your customers are interested in such stock, you can encourage such interest, as well as make profitable sales, by sending for our

NURSERY BOOK

which contains more valuable information about Evergreen Trees, Shrubs, Peonies and Herbaceous Plants than any other work of its kind. 92 pages. 80 elegant half-tones, and full directions as to What, When, Where and How to Plant all Ornamental Plants.

Prize-Winning CARNATIONS

At the American Carnation Exhibition at Detroit, March 3, 1904.

WE HAVE THEM TO OFFER FOR IMMEDIATE SHIPMENT.

Judge Hinsdale (Ward)

Won first prize for best Variegated. Color white, heavily laced and edged with bright pink; very large, full, well-formed bloom, 3 inches and over in diameter, on an exceptionally strong stem, 24 inches and upward in length. Flower very full, highly built; calyx large, long, exceptionally strong and does not burst; fragrant, splendid keeper and first class shipper. A great favorite upon the New York market, where it brings the highest prices. Price, $12.00 per 100; $100.00 per 1000. 3000 from sand ready now, 3000 from sand ready March 25.

The President (Ward)

First prize for best Crimson. One of the brightest colored, the largest flowered, the best formed and the longest stemmed among crimson carnations. Enormous bloom, 3 inches and upward in diameter, upon perfectly stiff stems, 24 inches and upward long. The most striking crimson carnation we have ever grown. Price, $12.00 per 100; $100.00 per 1000. 2000 from sand ready now, 1500 from sand ready March 25.

Mackinac (Ward)

A white carnation which has produced more blooms during the early part of the season than any other white carnation we have ever grown. Stem is long, wiry; flower fine shape; long, strong calyx, flower full and very fragrant. This we would term distinctively a "Bread and Butter" carnation. Price, $10.00 per 100; $75.00 per 1000. 2000 from sand ready now, 1000 from sand ready March 25.

Ethel Ward (Ward)

Won first prize for best Scott Shade of Pink. Medium, large, well-formed bloom, full, with high built center; color bright clear rose-pink, which stands well in the sun. Exceptionally strong clove fragrance. Long, strong calyx which does not burst; very early, exceptionally free, producing an abundance of flowers throughout the season. Price, $12.00 per 100; $100.00 per 1000. 500 from 2 inch pots ready now. 3000 from sand ready now. 2000 from sand ready March 25.

Christmas Eve (Ward)

Medium size, full, brilliant scarlet bloom, produced in enormous quantity; habit the same as Maceo, but erect; fully as free a bloomer as that celebrated sort. Exceptionally valuable for the holidays, as it produces an enormous quantity of blooms at that period. Price, $10.00 per 100. 2000 from sand ready now. 1000 from sand ready March 25.

Crimson Varieties.

Octoroon, a crimson Scott, $10.00 per 100. 1000 from sand ready now, 500 from sand ready March 25.

Harry Fenn, $4.00 per 100; $30.00 per 1000. 2500 from sand ready now, 1500 from sand ready March 25.

White Varieties.

Lady Bountiful (Dorner), $12.00 per 100. 500 from 2 inch pots ready now.

The Belle (Dorner), $12.00 per 100. 1000 from 2 inch pots ready now.

Light Pink Varieties.

Enchantress, $6.00 per 100; $50.00 per 1000. 4000 from sand ready now, 2000 from sand ready March 25, 3000 from sand ready April 10, 3000 from sand ready April 25.

Alpine Glow, $3.00 per 100; $25.00 per 1000. 1000 from soil ready now, 1500 from sand ready now.

Mrs. J. A. Thayer, $3.00 per 100; $25.00 per 1000. 600 2 inch pots ready now, 500 from sand ready now.

Scarlet Varieties.

Governor Bliss, $3.00 per 100, $25.00 per 1000. 700 2 inch pots ready now, 3000 from sand ready now.

Variegated Varieties.

Mrs. M. A. Patten (Fisher), $12.00 per 100. 1000 from 2 inch pots ready now.

Sensation (Ward), $10.00 per 100. 1000 from sand ready now, 500 from sand ready March 25.

Prosperity, $3.00 per 100; $25.00 per 1000. 2000 from sand ready now, 2000 from sand ready March 25.

Golden Eagle, $10.00 per 100. 250 from 2 inch pots ready now, 1250 from sand ready now, 1000 from sand ready March 25.

Dark Pink Varieties.

Indianapolis (Baur & Smith), $12.00 per 100. 500 from 2 inch pots ready now.

Nelson Fisher (Fisher), $12.00 per 100. 1000 from 2 inch pots ready now.

The Lawson, 2000 from 2 inch pots ready now, $30.00 per 1000; 5000 from sand ready now, $20.00 per 1000; 2000 from sand ready March 25, $17.50 per 1000.

FIRST COME, FIRST SERVED.

The Cottage Gardens,

C. W. WARD, Manager. QUEENS, L. I., N. Y.

PEACOCK'S DAHLIAS

FOR 1904 Send for New Descriptive Trade List — Now Ready. **FOR 1904**

DAHLIA SPECIALIST **W. P. PEACOCK, Atco, N. J.**

Mention The Review when you write.

Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

Mention The Review when you write.

HOT WATER VS. STEAM.

I should be glad of some advice on heating my greenhouses, three in number, each 19x56, three-quarter span. There is glass in the east end and there are 12-inch side lights. We are heating with a twelve horse-power steam boiler and it costs me $12 to $15 per week with coal at $7.50 per ton. I want to know if it would be cheaper to heat my small place with hot water instead of steam? I have two 2-inch mains on each side of the houses, on the posts overhead, running to the east end and returning on the south side in a coil of three 1¼-inch pipes and on the north side in a coil of four 1¼-inch pipes. The house nearest the boiler is warm enough with one 2-inch main and the north coil. The temperature required is 50 to 55 degrees at night when it is 5 degrees above zero outdoors. How many 1¼-inch pipes will be required for hot water? Would hot water be more economical? E. G.

By increasing the number of 1¼-inch pipes to thirteen in each house, placing an expansion tank on the return pipe close to the boiler, with the tank at least ten feet above the highest point in the system, making the tank of at least fifty gallons capacity, the houses can be heated with hot water. This will require much less attention than the steam and may prove somewhat less expensive in fuel. If during cold spells the hot water should prove inadequate it is a simple matter to have valves so arranged that the expansion tank can be cut off, the water drained to the proper level and the plant run as a steam plant. When milder weather returns the hot water plant can again be put in operation. This is one of the great advantages which the modern hot water system possesses over the old, open cast iron pipe system. L. C. C.

Fitzgerald, Ga.—Joel Thomas will enlarge his greenhouses this season.

Argentine, Kan.—Cyrus Earnst says trade is very good and he is looking for a big spring season.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica, 12 inches high, **$2** per doz.; **$15** per 100. 15 inches high, **$2.50** " **$20** " 20 to 24 inches high.....**$4** per doz.

Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

FERNS - BOSTON and PIERSONI

POT-GROWN PLANTS. FINEST QUALITY.

Bostons—2½-in., $3.50; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40; 7-in., $60; 8-in., $75 per 100.

Piersoni—2½-in., $8 per 100; 4-in., 35c each; 5-in., 50c each. A trial order will convince you as to the superior quality of our ferns. Any number at above prices.

Alternantheras—Red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on larger quantities. CASH WITH ORDER.

DAVIS BROS.,

MORRISON, ILL. AND GENEVA, ILL.

Mention The Review when you write.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, Troy Hill, Allegheny, Pa.

Mention The Review when you write.

Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. Ocean Park, Cal.

Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

Always mention the Florists' Review when writing advertisers.

NEW ROSE

GENERAL MacARTHUR

HYBRID TEA COLOR BY FAR THE MOST BRILLIANT of any shade of crimson forcing rose ever offered, retaining its brilliancy when fully expanded. It is also one of the very sweetest varieties ever offered, of very easy culture, as it can be grown in the same temperature as an ordinary Tea variety such as Bride. It is a good, strong, vigorous grower, producing stems 24 to 30 inches long, a free and continuous producer. It can be grown at much less cost than Meteor or Liberty, and is a much brighter color than either; also larger when fully expanded. We predict that this will be the red rose for the multitude. Ready for distribution April 1, 1904.

PRICES:

From 2 1-2-inch Pots. Own Roots.

$ 6.00	per Dozen
10.00	per 25
15.00	per 50
25.00	per 100
57.50	per 250
110.00	per 500
200.00	per 1000

Extra Strong 3-inch Stock at $4.00 per 100 additional to above figures.

PRICES:

Grafted Plants from 2 1-2-inch Pots.

$ 7.00	per Dozen
12.00	per 25
18.00	per 50
32.00	per 100
72.50	per 250
140.00	per 500
260.00	per 1000

Extra Strong 3-inch Stock at $4.00 per 100 additional to above figures.

New Castle, Ind., February 26, 1904.

Our attention was called to the Rose, General MacArthur, three years ago, by the originator, who then had only the one plant. We liked its looks very much, and last year secured 25 plants from the Storrs & Harrison Co. for trial. We cut fine flowers from them all winter and made 600 cuttings which we are growing this winter. We commenced cutting good flowers from them in November, and have done so continuously ever since, it being distinctly a winter Rose. At this date the bench is a fine sight. The plants are from two to three feet high, and are sending out flowering shoots which are most all one to two feet in length, although quite a number are three feet or more. It has the most beautiful large, lustrous foliage, and most abundant of any rose we have ever seen. The flower is a brilliant red, and has a very fine odor. We find it the best Red Rose we have ever grown. While not as fine a flower as Liberty, with us it is much healthier and so much freer flowering that we prefer it. We have it growing in the same house as Bridesmaid. Yours truly, HELLER BROS.

THE STORRS & HARRISON CO.,
PAINESVILLE, OHIO.

JOHN N. MAY,
SUMMIT, N.J.

NEW CHRYSANTHEMUMS

PRIZE WINNERS, BREAD WINNERS AND WINNERS ALL THE TIME

We particularly recommend **William Duckham** as everybody's Pink variety; unsurpassed in size, form, color or any other necessary qualification for either exhibition or commercial use. Has a finish as fine as satin.

Price each	$ 0.75
Per dozen	7.50
Per 100	50 00
Per 1000	450.00

Mildred Ware, Mrs. F. W. Vallis and S. T. Wright:

Each	$ 1.00
Per dozen	9.00
Per 100	60.00
Per 1000	500.00

Ben Wells, Donald McLeod, Harrison Dick, F. A. Cobbold, Leila Filkins, Maynell, Henry Barnes, Gen. Hutton, M. Cahuzac, etc., etc.:

All at, each	$ 0.50
Per dozen	5.00
Per 100	35.00
Per 1000	300.00

Also Thirkell, C. J. Salter, F. S. Vallis, etc., etc.:

Per 100	$10.00

We have the goods, and can fill your order in any quantity at once.

Five per cent. for Cash, and Money Refunded if you are not perfectly satisfied.

SEND FOR LIST.

CHARLES H. TOTTY, Madison, N. J.

100,000 Grafted Rose Plants

We are now grafting on Manetti the above amount, all from choice **flowering wood,** no blind wood used at all, and offer for sale, **ready for delivery April 1st:**

BRIDES and MAIDS, $12 per 100; **$100** per 1000; **LIBERTY, $15** per 100

If you wish to improve your stock GIVE GRAFTED PLANTS A TRIAL.
Come and see our plants and compare them with other growers.

We also offer **CHATENAY ROSE PLANTS,** 2½-inch, **$6** per 100; **$50** per 1000

ROSES--ROOTED CUTTINGS, Brides, Bridesmaids and Gates, $1.50 per 100
Kaiserin and Perles, $2.50 per 100.

ROOTED CARNATION CUTTINGS.

All of our cuttings are selected carefully and we try to see how good we can make them, not how cheap.

White.	Per 100	Per 1000
Lillian Pond	$3.50	$30.00
Gov. Wolcott	3.50	30.00
White Bradt	2.50	20.00
White Cloud	2.50	20.00
Norway	2.50	20.00

Pink.	Per 100	Per 1000
Lawson	$2.50	$20.00
Morning Glory	2.50	20.00
Floriana	2.50	20.00
Enchantress	6 00	50.00
Joost	2.50	20.00

Red.	Per 100	Per 1000
Red Bradt	$2.50	$20.00
Crane	2.50	20.00
America	2.50	20.00
Variegated.		
Prosperity	2.50	20.00
Mrs. Bradt	2.50	20.00

Yellow—Gold Nugget, $2.50 per 100; $20 00 per 1000. **Maroon**—Maceo, $2.50 per 100; $20.00 per 1000. Orders aggregating 250 or more will be billed at the 1000 rate. No order for less than 50 of one variety accepted. All cuttings and plants shipped from Hinsdale.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

La DETROIT

Easiest Grower and Best Money Maker.

A SEEDLING OF TESTOUT AND BRIDESMAID.

TO BE DISSEMINATED APRIL 1, 1904.

Every Rose Grower Who Has Seen it on Our Place Has Left an Order for Stock.

COLOR.

Prevailing color a beautiful shell pink, shading in the center to a soft rose pink. The reverse of the outer petal is of a creamy, flesh tint, shading to silvery toward the base, which may best be described as opalescent.

The full, open flower discloses a vivid richness of coloring, rare and fascinating.

FRAGRANCE.

Subtle, strongly tea-scented; reminds one of Old Bon Silene.

FORM.

Large, cup-shaped, heavy petal, shell-like in formation.

GROWTH.

Strong and healthy, with a rich, glossy foliage, rampant and vigorous, with a strong tendency to long shoots; very prolific.

All orders booked filled in rotation beginning April 1.

For "own root" plants from 2½-inch pots:

1 Plant, each	$0 75
12 Plants, each	60
25 Plants, each	50
50 Plants and over and less than 100, each	30
100 Plants and over and less than 1000, each	25
1000 Plants and over, each	20

3 inch pot plants, 5 cents each additional.

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E. G. Asmus & Son, West Hoboken, N. J.
S. S. Skidelsky, 708 North 16th St., Philadelphia
A. Rolker & Sons, 31 Barclay St., New York
J. Austin Shaw, 201 West 135th St., New York
Vaughan's Seed Store, 84 Randolph St., Chicago
Clucas & Boddington Co., 812 Greenwich St., New York
Michigan Cut Flower Exchange, 26 Miami Ave., Detroit

For prices of grafted stock see last issue.

JOHN BREITMEYER'S SONS

Gratiot and Miami Aves., DETROIT, MICH.

McGray Florist REFRIGERATORS

KNOWN EVERYWHERE FOR SUPERIORITY.

SPECIAL STYLE No. 616.
9 feet wide. 2 feet 6 inches deep. 8 feet high.

SPECIAL DESIGNS BUILT TO ORDER

Also we have stock sizes of very neat design ready for prompt shipment.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass.

The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the McCRAY is Guaranteed Absolutely Satisfactory.

THOUSANDS TESTIFY TO ITS MERITS.

Mention this Journal and we will send you the following catalogues: No. 39 for residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70, for Florists.

McCRAY REFRIGERATOR CO.

373 Mill Street, Kendallville, Ind.

Branch Offices and Salesrooms: Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 636 Smithfield St.; New York, 341 Broadway; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Bldg.; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.; Washington, D. C., 620 F St., N. W.

Address Main Office, unless you reside in one of the above named cities.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

A white double flowered stock shown before the Floral Committee of the Royal Horticultural Society in May by Wm. Bull & Sons was pronounced quite remarkable by the committee. The flower-spikes were nearly two feet long, and the individual flowers nearly as large as those of a hollyhock (2 inches across); some of them showed signs of prolification. There were thirteen fully expanded flowers upon a spike, and thirty to open. The leaves were unusually large.

Soil that has been firmly compressed after having first been well pulverized seems to produce the best results in nearly all cases. For the majority of plants it is best to tread with the foot the beds and border previous to planting. The result is a generally more healthy growth, a more floriferous habit, and improved color in leafage and flower. Firm soil retains moisture much longer than loose ground and its fertility is not so rapidly exhausted. And weeds spring up much less frequently in soil that has been well firmed.

The new bedding lobelia, Mrs. Clibran, is a very good variety. It has a compact habit, and indigo-blue flowers with white center.

York, Neb.—H. S. Harrison has been elected vice-president of the Nebraska State Horticultural Society, succeeding W. J. Hesser, of Plattsmouth.

The Review is all right.—Vick & Hill Co., Rochester, N. Y.

CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa**, strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias**, 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa**, 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST Quakertown, Pa.

Geraniums

	Per 100.
10 varieties, 2-in. pot, $2.50; 2½-in	$3.00
10 varieties, 3-in. pot	4.00
Alternantheras, red and yellow, April 10	2.00
Double Petunias, 2-in	3.00
100 Pelargoniums, 2 in	3.00

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in	2.50
Verbena, 2-in	2.00
E. Crocker and F. Hill, 2-in	2.50
Asparagus Sprengeri, April 1	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $6.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

JULIUS ROEHRS,

Grower of

Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.

RUTHERFORD, N. J.

AA STOCK

GERANIUMS. Finest named vars. grown, strong and bushy 3-in., our selection, $5.00 per 100. Better order if you want something really fine.

LOBELIA Emperor William, the very finest dwarf blue, grown from cuttings, strong and bushy, full of cuttings, 2-inch, $2.00 per 100. Better order early.

PELARGONIUMS. Fancy var., mixed, strong, well branched, 3-inch, $6.00 per 100.

Nothing but First-Class Stock.

Cash—Extras added liberally.

John F. Rupp, Shiremanstown, Pa.

THE HOME OF PRIMROSES

Mention The Review when you write.

Nephrolepis Scottii

THIS SPLENDID NEW FERN

Has received the Highest Award from the New York Florists' Club and the American Institute, New York.

Its natural, compact habit admits of its being grown in one-half the space required to grow N. Bostoniensis. Its rapidity of increase is well proven by the fact that in October, 1900, I had but one plant with 4 fronds and at the present time I have three 152 feet houses full.

The illustration shows a plant each of N. Scottii and N. Bostoniensis; both were grown in five-inch pots, and it is easily seen how much more decorative N. Scottii is over the old Boston fern.

Strong rooted runners, with 3 to 4 fronds, cut from the bench, delivery commencing early in May
All orders filled in rotation at the following prices: **$4** per doz.; **$25** per 100; **$200** per 1000
Strong 6-in. pot plants, ready May 1, **$2** each; 8-in. pans, **$3.50** each; 10-in. pans, **$5** each.

I also offer for immediate delivery, fine heavy plants of NEPHROLEPIS PIERSONI in 8-in. pots, at $75 per 100.

NEPHROLEPIS BOSTONIENSIS, fine, short and bushy, 6-in. pot plants, at $60 per 100.

JOHN SCOTT,

KEAP STREET GREENHOUSES.
TELEPHONE 1207 WILLIAMSBURG.

BROOKLYN, N. Y.

ETNA, THE RED ROSE.

There was a little christening down at Richmond the other day when E. G. Hill returned from his recent trip among the growers, and the new red rose which is hoped will prove to be the forcing rose of the future is no longer nameless. They call it Etna. Etna is the tallest volcano in Europe and its red fires illumine the pages of history away back into the legends of Greek mythology. It is not vouchsafed who is responsible for the choice of the cognomenal appellation but it is pointed out that the rose is the hue of the conflagration, that commercially it is expected to tower above Meteor, Liberty and all other competitors in its class and maintain its exalted position until the present day shall be in the far horizon of floricultural retrospect. It is planned to distribute it next year.

VENTILATION FOR ORCHIDS.

Whenever the outside conditions are favorable, no opportunity should be lost for giving ample ventilation. In years past I have been an advocate of the free use of the roof ventilators, says a writer in the Gardeners' Magazine, but experience has taught me that the conditions suitable for successful cultivation of orchids can be maintained without their use, even in the hottest days of summer. The use of the roof ventilators permits the humid atmosphere to escape, and yet this is the life of the plants. In winter especially, in exposed positions like our own, the use of roof ventilators would be little short of the wilful destruction of our plants. Designers of horticultural buildings have paid far too much attention to roof ventilation in the past, and even now we often see comparatively new erections without ventilators in the vicinity of the hot-water pipes. I hope to see in the near future even the side lights dispensed with, and a substantial brick wall taking their place. The saving in fire heat alone, apart from the possible fluctuations of temperature, is sufficient recommendation in itself to establish the advantages obtained from the more substantial buildings.

Hartford City, Ind.—E. E. Craig has taken charge of the greenhouse formerly managed by Mrs. F. W. Anderman.

WE OFFER

500 leading varieties of **Roses** from 2½-inch pots and 4 and 5-inch pots. All on their own roots.
70 best varieties of **Chrysanthemums.**
60 varieties of **Geraniums.**
24 varieties of **Carnations,** healthy, well rooted, 2½-inch pot plants.
25 leading varieties of **Dahlias.**
50 varieties of **Cannas.**
Violets, California, Luxoune and Lady Hume Campbell.
Flowering and Rex Begonias in variety.
Fuchsias in variety.
Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
Moonvines, Blue and White.
Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana.
Phoenix Canariensis and **Washingtonia Pilifera Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
Send us your list for prices. Catalogue free for the asking.

THE DINGEE & CONARD CO.,
The Leading Rose Growers of America.
Established 1850. **West Grove, Pa.**
Mention The Review when you write.

CALIFORNIA PRIVET.

View of one of our blocks of California Privet.

The GLENWOOD Nurseries offer the finest trees, both DECIDUOUS and EVERGREEN; FLOWERING SHRUBS and VINES of all sizes in general assortment.

CALIFORNIA PRIVET and other **HEDGE PLANTS**
ARE SPECIALTIES

SPECIAL QUOTATIONS TO LARGE BUYERS.
SEND FOR OUR TRADE LIST
WE INVITE VISITORS TO OUR NURSERIES.

THE WM. H. MOON CO.

60 miles from New York.
30 miles from Philadelphia.
MORRISVILLE, PA.

FIELD-GROWN ROSES

STRONG 2-YEAR-OLD PLANTS, MOSTLY ON OWN ROOTS.

Crimson Rambler 18-24 in., $6 per 100; $55 per 1,000.
Dorothy Perkins No. 2 grade, about 14-20 in., $4.50 per 100; $40 per 1000. 2 years, No. 1, $15 per 100; $135 per 1,000. One year, strong, $10 per 100; $85 per 1,000. No. 2 grade, fine plants, $4.50 per 100; $40 per 1,000.
General List No. 1 grade, $10 per 100 except as noted; write for 1000 rates; †budded plants, *on own roots. †Anne de Diesbach, *Caroline de Sansel, *†Coquette des Blanches, †Countess de Serenye, *Duke of Edinburg, †Gloire Lyonnaise, *John Hopper, *John Keynes, *Jules Margottin, *La France, †Mrs. Cleveland, †Rugosa Rubra, *†Victor Verdier, *Caprice, *Magna Charta, extra strong, $9 per 100; $80 per 1,000; *Madame Plantier, 3 ft., strong, $6 per 100; $50 per 1,000.
Medium Grade Nice Plants, †Budded plants, $6 per 100; *on own roots, $7 per 100. †Anne de Diesbach, †Baron de Bonstettin, *Caprice, *Caroline Marniesse, *Duke of Edinburg, *Gen. Washington, *Helen Keller, †John Hopper, *John Keynes, *Jules Margottin, *LaFrance, *La Reine, *Her Majesty, †Mme. Gabriel Luizet, *Magna Charta, †Marchioness of Dufferin, *Marchioness of Lorne, †Mrs. Cleveland, †*Mrs. John Laing, *†Mrs. Sharman-Crawford, †*Oakmont, †*Paul Neyron, †Prince C. de Rohan.
No. 2 Grade for transplanting or mailing, $4.50 per 100; $40 per 1,000. *American Beauty 5 cts., *John Hopper, *John Keynes, *La France, *Marchioness of Lorne, *Mrs. John Laing, *Paul Neyron, †Soleil d'Or, 8 cts., Victor Verdier.
Clematis Strong 1 year plants, $10 per 100. Henryi, Jackmani, Lanuginosa Candida, Mme. Ed. Andre, Mme. Baron Veillard.
Ampelopsis Veitchii 3 years, XXX, $9 per $100; $85 per 1,000; 2 years, strong, $7 per 100; $65 per 1,000; 2 years, medium, $6 per 100; $50 per 1,000.
HYDRANGEA PAN. GRAND. Standard or Tree-form Plants.—No. 1 grade, $14 per 100. Medium grade, about 3 ft., $10 per 100.
CALIFORNIA PRIVET.—Very bushy and fine; 2-3 ft., $4 per 100; $35 per 1,000; 18-24 in., $3 per 100; $25 per 1,000.
BERBERRY THUNBERGII.—18-24 in., very bushy, $7 per 100.
Ornamental Trees Smooth, thrifty young stock. Elm, American, 8-10 ft., $2 per 10, $16 per 100; Hazel, (Corylus) 5-6 ft., $1.75 per 10, $15 per 100; Linden, European, 8-10 ft., $2.50 per 10, $20 per 100; Maple, ash-leaved, $1.25 per 10; $9 per 100; Maple, silver, 8-10 ft., $1.25 per 10, $10 per 100; Maple, Weir's cut-leaved, 8-9 ft., $1.75 per 10, $16 per 100; Poplar, Carolina, 8-10 ft., $1 per 10, $8 per 100; Poplar, Lombardy, 8-10 ft., $1 per 10, $8 per 100; Spruce, Norway, 2-3 ft., $8 per 100, $65 per 1,000; Spruce, Norway, 18-24 in., $6 per 100, $50 per 1,000. Packing charged at cost. Send for complete list of unsold stock.

JACKSON & PERKINS CO., - Newark, New York.

Great Bargains in Nursery Stock

BEECH.

(Purple leaved.)

	Per 100
Transplanted, 4-5 ft	$35.00
" 5-6 ft	45.00
" 6-8 ft	75.00
" 8-10 ft	125.00

Purple Weeping Beech, rare, 6-8 ft., per 10, $15

BIRCH.

	Per 10
Young's, 4-5 ft	$ 6.00
" 5-6 ft	7.00
" 6-8 ft	10.00
White Cut-leaved Weeping, 5-6 ft	6.50

MAPLES.

	Per 100
Schwedlerii, 6-8 ft	$37.50
" 9-10 ft	50.00
" 10-12 ft., transplanted	120.00

Reitenbachii, same sizes and prices as above.

JAPAN MAPLES.

(Imported.)

	Per 10
Aureum, 18 in. to 2 ft	$ 4.00
" 2 to 3 ft	6.50
Atropurpureum, 18 in. to 2 ft	4.00
" 2 to 3 ft	6.50
" 4 to 5 ft	12.50
" Dissectum, 1½ to 2 ft	4.00
Polymorphum, 2 to 3 ft	3.50
" 3 to 4 ft	5.00

Japan Maples, 6 to 8 ft., priced on application.

100,000 AMPELOPSIS VEITCHI.

	Per 100	Per 1000
2 years, No. 1, field-grown	**$ 6.00**	**$55.00**
3 years, X, field-grown	**8.00**	**75.00**
4 years, XX heavy, field-grown	**10.00**	**90.00**

HYDRANGEA P. G.

	Per 100
Hydrangea P. G., 3-4 ft., XX fine	**$12.00**
" " 3-4 ft., X fine	**10.00**
" " 2-3 ft., fine	**7.00**
" " 18 in. to 2 ft., strong	**6.00**

ALTHEAS. 10 named varieties

2-3 ft.	per 100,	$ 6.50
3-4 ft.	"	7.50
4-5 ft.	"	10.00

35,000 Azalea Amoena.

All sizes and prices.

	Per 100
Caryopteris Mastacanthus, field-grown	$ 7.00
Cornus Elegantissima Variegata, 2-3 ft.	12.00
" " 3-4 ft.	15.00
" Spathii, 2-3 ft.	15.00
" " 3-4 ft.	25.00
Hypericum Densifolium, one of the hardiest and best X fine	10 00

GOLDEN ELDERS.

2-3 ft.	per 100,	$6.00
3-4 ft.	"	8.00
4-5 ft.	"	9.00

SPIRAEAS.

Anthony Waterer, 18 in.	per 100, $7.00
Bumalda, 18-24 in.	" 6.00
Reevesii, 2-3 ft.	" 7.00

(For other varieties see Wholesale List.)

VIBURNUMS.

	Per 100
Viburnum Plicatum, 10-12 in.	$ 5.00
" " 18-24 in.	8.00
" " 2-2½ ft., bushy	10.00
" " 2½-3 ft., "	12.00
" " 3-4 ft.	15.00
" Lantana, 7-8 ft., each, 75c.	
Magna Charta, 2 yr. old, own roots	8.00

200,000 BOXWOOD.
See page 10 in wholesale list.

250,000 California Privet.
10,000 Privet cuttings for $15.00

WEIGELIAS.

	Per 100
Eva Rathke, 2-3 ft.	$12.00
" 3-4 ft.	20.00

Twelve other varieties of Weigelias, 2-3 ft. up to 5-6 ft. See Wholesale List.

HONEYSUCKLES.

Halleana, X strong, field-grown	$ 6.00
Brachypoda aurea, 2 yrs., fine	4.00
Evergreen (Chinese), small plants	2.00

150,000 ROSES.

Hybrid Perpetuals	$10.00
" 2 inch pots	3.50
Empress of China, field-grown	6.00
Yellow Ramblers, XX	8.00
Magna Charta	8.00
Rosa Rugosa, white and red, X	12.00
Standard Roses	30.00

Special prices on 2-in. pot roses in quantity.

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2 in. pot plants, per 1000, $20.00	$2.50
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Heliotrope, 2-in.	2.00	Salvias, 2-in.	2.00
Ivy Geranium, 2-in.	2.00	Cuphea, 2-in.	2.00
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	100	1000		100	1000
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Heliotrope	1.00	....	Feverfew	.75	....
Coleus	.75	6.00	Vinca Var.	.75	7.00

White Ten-weeks' Stocks, from flats, stocky plants, $6.00 per 1000. CASH, PLEASE.

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Sweet Alyssum—Giant Double	.60 " 100	5.00 " 1000
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Chrysanthemums—"Estelle," best early white; true stock	1.50 " 100	12.00 " 1000

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MOREHEAD STEAM TRAP

IT GIVES A PERFECT CIRCULATION.

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We are grateful to the inventor, Mr. John Morehead, for so perfect an article as the Morehead Automatic Steam Trap for returning the condensation direct back to boiler. We have eight now in use—four of which were in use for five years, and the last four, which are an improvement on the first, are highly commendable for any person in need of traps; we certainly recommend them for doing the work satisfactorily.

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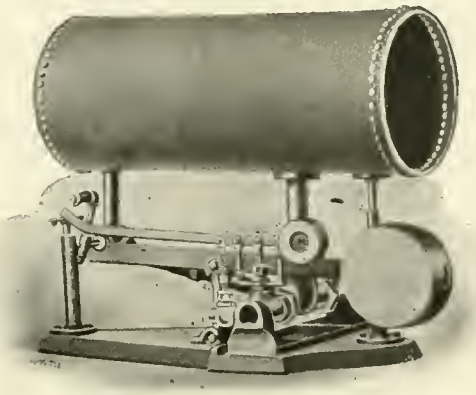

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It affords us much pleasure to bear testimony to the efficient qualities of the Morehead Steam Trap; it has now been in use five years, during which time it has not cost one cent or has it been out of repair. It is easily installed, does all the work and keeps the pipes well drained from two forty horse-power boilers, heating over twenty-five thousand feet of glass, and returns all condensation direct to boiler.

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Will you kindly tell us how we can use chicken manure to best advantage in the greenhouse? J. A. S.

Chicken manure is so much stronger than ordinary farm yard manure that it must be used with caution and particularly so when applied to greenhouse crops. To obtain good results from its use, it should be composted with at least twelve times its bulk of good, fresh loam and allowed to lie until decomposition is well advanced, when it should be turned over a few times at intervals of ten days. This makes an excellent top dressing for either roses or carnations, but it must not be used as a mulch. Containing strong caustic properties, it is very unsafe to use in potting or planting soil, even when thus diluted. When used for this purpose half this strength would be safer. Ribes.

EUCHARIS GRANDIFLORA.

A correspondent of the Gardener's Chronicle sends a photograph showing a group of fine plants of Eucharis grandiflora and writes as follows: "The plants are never allowed to dry off, as is the practice with some cultivators. They always stand over a hot-water tank, so that they have abundance of atmospheric moisture, to which I believe our success is in a great measure due. We are never for long periods without eucharis flowers. One of the plants in the photograph had twenty-two flower-spikes, and some of the leaves are about two feet six inches long and eight inches across."

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Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
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" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1 25	....	....
" " strong.	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6 00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12 in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4 in			....	1.50	12.00
" strong	4 in		3 plants in pot	....	2.00	15.00
"	5-in		3 plants in pot	....	3.00	22.00
"	6 in			....	4 50	....
" strong	6-in			....	6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" "	3-in			....	....	6.00
" "	4-in			....	1.50	10.00
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" "	5-in			....	3.00	....
" "	6-in			....	6.00	....
" "	7-in			....	9.00	....
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Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
" "	5-in			....	2 00	15.00
" "	7-in			....	6.00	....
Aspidium Ten.	4-in			....	1.50	12.00
"	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
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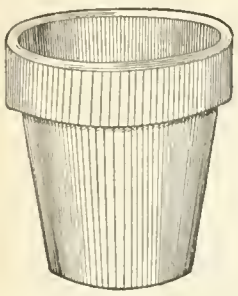

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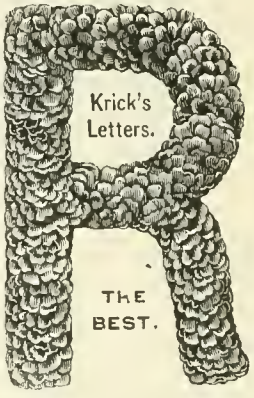

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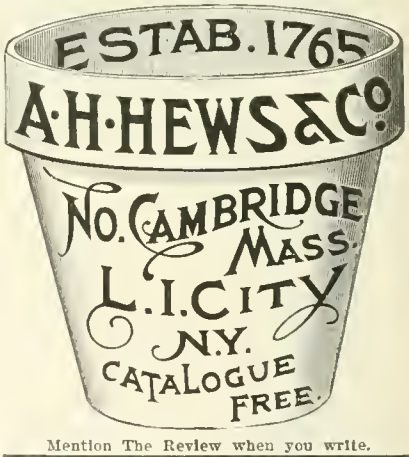

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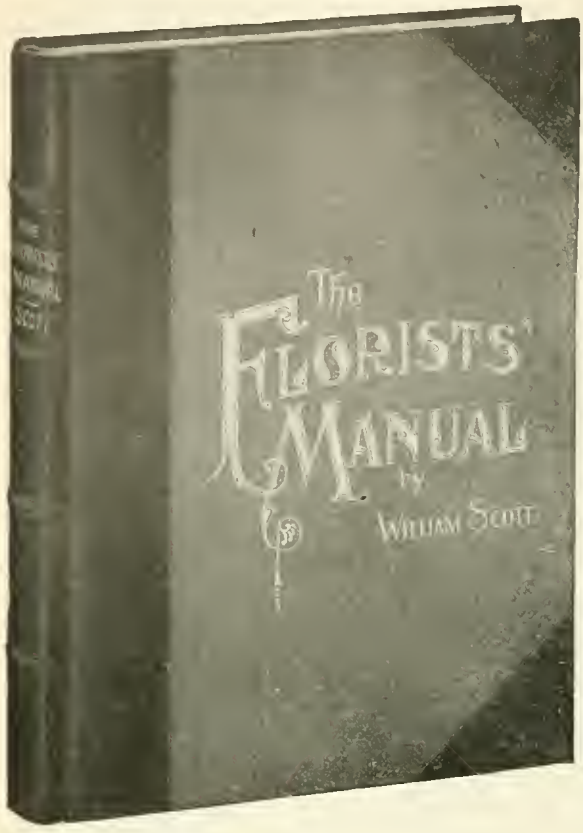

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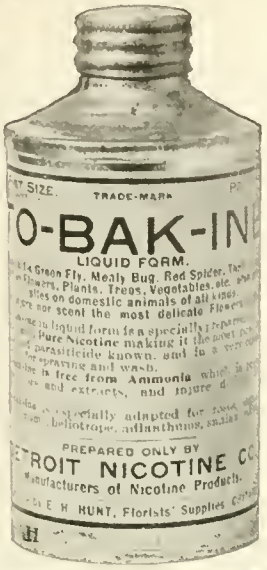

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DETROIT NICOTINE CO., Detroit, Mich.

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BOILER BUILDING.

A boiler shop is a very prosaic as well as noisy place but often much of interest is to be found in unfreqnented surroundings. Many a florist comes to Chicago to see the stock produced in the great ranges of glass and often visitors make a critical inspection of the boilers in use, but when ready for a heater a mail order will do; they seldom think of visiting the place where the boiler is made, although there are many things worth seeing there.

The works of the Kroeschell Bros. Co. occupy a half a block in Chicago, the floor space in the shop being 100x336 feet. They make high power steam boilers as well as greenhouse boilers, but the extent of their business in the latter department is well shown by the fact that there are now lined up on the floor more than forty greenhouse boilers, completed and ready for shipment when the men who have ordered them say the word. This practice of booking orders early in the year, building the boiler at once and holding it until wanted has been followed for several years, as deliveries are practically all wanted at once and it is impossible to manufacture a whole season's output in a few weeks.

As to acceptances of boilers ordered long in advance, Mr. Wm. Kroeschell says that in their long experience they have had but two cases where a florist did not carry out his promise. He thinks the florist's promise is as good as his bond. Mr. Kroeschell attends the S. A. F. and Carnation Society conventions and is heartily in sympathy with their work and proud of his membership. He may be expected to give some substantial evidence of his sincerity when the Carnation Society meets in Chicago next year.

Fitzgerald, Ga.—Joel Thomas reports the season's business as fairly good, although trade on cut flowers has been a little slow. Fruit trees were in heavy bloom early in March.

Bristol, Vt.—L. M. Gage says that the prospect for a good spring business is very encouraging.

THIS IS IT.

The Model Glazing Tack, it does the work.

The Model Extension Carnation Support is steadily growing in favor. If you are not using it write for booklet R—it's full of information.

The Parker-Bruen Manufacturing Co., Inc.
206-08 Jersey St.
Harrison, New Jersey.

Ask for sample of The Model Glazing Tack.

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87-91 Plymouth Place, Chicago.

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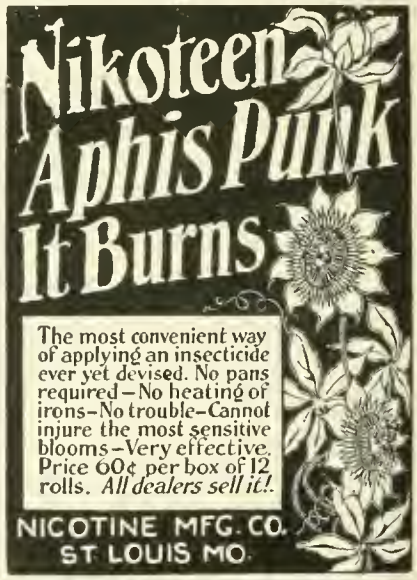

KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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CEDAR RAPIDS, IA.

For sale by the E. F. WINTERSON CO., CHICAGO; C. C. POLLWORTH CO., MILWAUKEE, WIS.; VAUGHAN'S SEED STORE, NEW YORK and CHICAGO.

LIGHTNING FLOWER POT WASHER

washes all sizes of pots, clean as new, about as fast as you can handle them. Strong plants are only grown in clean pots. Send for description. Sold direct $15 net, f. o. b. Joliet. C. E. FINLEY, Joliet, Ill.

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JOHN C. MONINGER CO.:
Gentlemen—We have bought material from your firm for years, and always found it strictly up-to-date and satisfactory. We now have 200,000 square feet of glass and the houses are perfect.
EVENDEN BROS.,
Williamsport, Pa.

WHAT THEY SAY

JOHN C. MONINGER CO.:
Gentlemen—I want to acknowledge by letter that in the past ten years I have been buying Greenhouse material of you, it has always been satisfactory. I like your methods of doing business, quick service and just treatment.
J. F. WILCOX, Council Bluffs, Iowa.

JOHN C. MONINGER CO.:
Gentlemen—I bought material from you years ago, then dealt with other firms, but drifted back to the "Old Reliable," as I found your material perfect, prices right and shipments prompt.
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Muscatine, Iowa.

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JOHN C. MONINGER CO.
HEADQUARTERS FOR UP-TO-DATE
GREENHOUSE MATERIAL
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Gentlemen—We have bought material from your firm for many years, and have always found it high-grade stock. The manner in which you fill all of our orders is also highly satisfactory.
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Dear Sirs—I am glad to state that the material you have furnished me during the past twelve years has been very satisfactory. Your execution of orders was always prompt and dealings of the most cordial kind.
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Gentlemen—During the past three years we have added 260,000 square feet of glass, for which you furnished the material. It affords us great pleasure to say that all of the material and workmanship was highly satisfactory. The contractor adds, it is pleasure to erect houses with Moninger's material.
POEHLMANN BROS. CO.,
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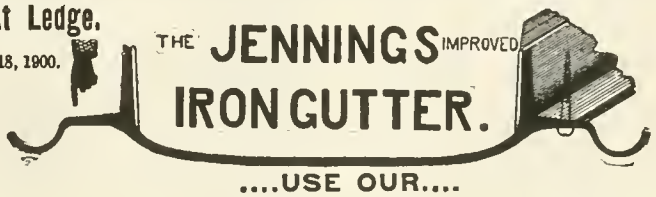
ADAM SCHILLO LUMBER CO.
Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.
ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.
Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.
Cor. Weed and Hawthorne Ave., CHICAGO, ILL.
TEL. NORTH 1626 AND 1627.
References given from the leading Florists of Cook County.

See That Ledge.
Pat. Sept. 18, 1900.

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....USE OUR....
Patent Iron Bench Fittings and Roof Supports
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Tree Protector
A perfect, inexpensive protection against all creeping and crawling insects. Agents wanted everywhere.
WRITE AT ONCE.
MICHIGAN CUT FLOWER EXCHANGE,
WM. DILGER, Mgr.
Sole Distributors. Detroit, Mich., U. S. A.
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Garland's Gutters
Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.
GEO. M. GARLAND, DES PLAINES, ILL.

DILLON'S GREENHOUSE MFG. CO. BLOOMSBURG, PA.
MANUFACTURERS OF HOTBED SASH, AIR-DRIED GULF CYPRESS SASH BARS AND OTHER GREENHOUSE MATERIAL.
BUILDERS of DURABLE and PRACTICAL GREENHOUSES at a LOW COST.
Our descriptive circular contains valuable information for every florist. Send for it.

WIRE STAKES. All sizes and lengths. Bottom prices
U. CUTLER RYERSON,
108 Third Ave., NEWARK, N. J.

The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

ROCHESTER, N. Y.

Various Notes.

C. Curtis, one of our great vegetable growers, reports splendid success with his carnations. He planted one house this season for trial and did much better than expected. He said his carnation house has paid more dollars than any house on the place and he is going to plant all the stock he can raise this season. He also has the material for another house 20 x200.

E. Latz reports trade encouraging. He built one house last fall for carnations, but could not secure plants enough to fill it. He says that if he had had it full he would have come out in good shape. He has made up his mind to have things a little different next season.

Mr. Winchel, another new grower, reports business good and expects to be in full crop for Easter.

F. Pursell, Salter's foreman, purchased E. Callister's place and will erect a rose house 30x150 as soon as the weather will permit.

As to varieties I find Enchantress to be the most satisfactory among our growers and will be mostly planted, as it is much ahead of any other. I have not seen a bench of Morning Glory that was in a satisfactory condition. Those that are growing Enchantress, report that it can be raised cheaper than any other. I can speak for the 600 plants which I have myself; we picked heavy for Christmas and New Year's and will be there for Easter, picking 300 or over a week at the present time, which no other carnation on the market will do. I consider it ahead of any. In white they all speak well of Peru and I think it has come to stay, as it seems to be doing better this year than ever. In dark pink it will be pretty hard for anyone to beat Lawson. Our growers are just commencing to grow this variety and begin to realize what they missed. Dark red is not much wanted here. In bright red a good many are raising the old Red Jacket but Crane is the favorite. Growers are purchasing new carnations less this season than ever. I think it would be a profitable advertisement for a grower of any new carnation to distribute it among the leading growers for trial, so as the growers could see for themselves the behavior of such a variety. H. M.

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Seed Dealers

HAMMOND'S COPPER SOLUTION
1889 FUNGUS 1889
STEALTHY AND DEADLY, IS DOOMED.
KILLS BLIGHT, ROT & MILDEWS.
TRADE MARK.

A CONCENTRATED LIQUID FUNGICIDE.

Directions—1 quart of solution to 25 gallons of water.

PUT UP IN QUARTS AND LARGER PACKAGES.

Prepared at
HAMMOND'S SLUG SHOT WORKS,
Fishkill-on-the-Hudson, N. Y.

IRON RESERVOIR VASES

IRON-FLOWER-VASES WITH RESERVOIR

VASES VASES

IRON SETTEES

WRITE FOR CATALOGUE.
Vase Catalogue No. 12
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OVER 100 DESIGNS and SIZES

Ranging in Price from $3 Up

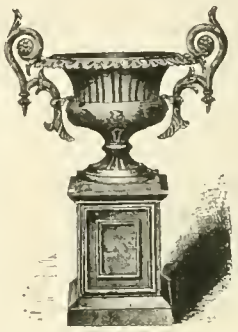
THESE RESERVOIR VASES do not need watering oftener than every ten or fifteen days. The soil remains moist, open and loose.

They are very desirable for Cemeteries or other places where they cannot be frequently watered.

Just enough water is drawn up into the soil through the sponge or moss to keep plants in growing and healthy condition.

Thousands of Reservoir Vases are in use on lawns and cemeteries all over the country.

Agents Wanted Everywhere



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AMERICAN BRAND

PLAIN, EMBOSSED, COLORED.

Violet and Rose Foil a Specialty.

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Don't Worry! Use "Nicoticide" No bugs there!
TOBACCO WAREHOUSING & TRADING CO. LOUISVILLE, KY.

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Fumigating Kind Tobacco Powder KILLS ALL APHIS IN ONE NIGHT in a house 100x25 ft., at a cost of 10c. A 5 lb. trial pkg. will cost nothing if you will pay the express charges on it. Our booklet tells of it. Write Dept D. for it.
The H. A. STOOTHOFF COMPANY
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"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

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FOR GREENHOUSES

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THERE IS A SATISFACTION

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Plans and Estimates furnished. Let us hear from you.
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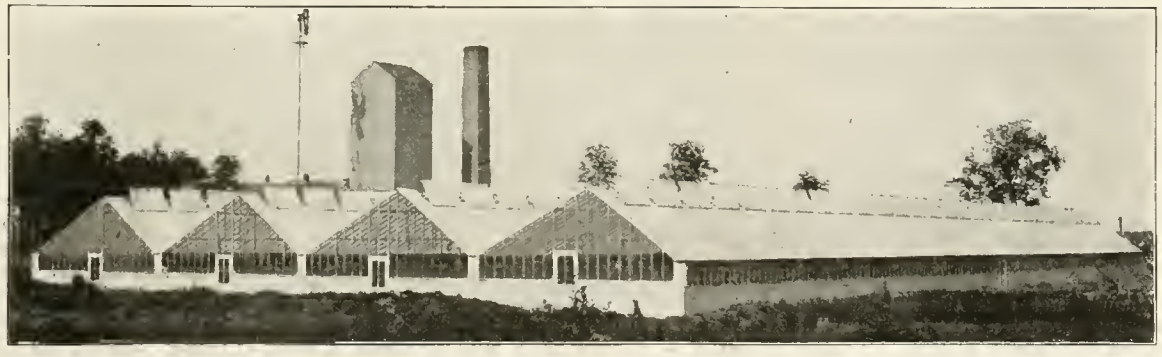


HEATED BY ONE No. 13

Kroeschell Bros.' Boiler

READ WHAT MR. ZWEIFEL HAS TO SAY ABOUT IT.

NORTH MILWAUKEE, February 8, 1904.

KROESCHELL BROS. Co., 51 Erie Street, Chicago, Ill.

Gentlemen:—Yours of the 6th inst. received. I thank you for your congratulations upon my success in the Carnation Show held here in Milwaukee. As to the information you desire about my range of greenhouses, will state that I have four houses, each 28 x 200 feet, with a total of over 27,000 sq. ft. of glass. I can get all the pipes warm in thirty minutes **with one of your No. 13 boilers**, and it is very easy firing. Can fire just as easy with screenings as with lump coal. Last season I used 140 tons of coal and I think the Kroeschell boilers are the best boilers a florist can buy.

[Signed] NIC. ZWEIFEL.

MODEL EXTENSION

Carnation Supports.

ALSO

Wire Rose Stakes and Tying Wire.

Igoe Bros., Manufacturers, 226 North 9th St., Brooklyn, N. Y.

SIEBERT'S ZINC Never Rust Glazing Points

ARE POSITIVELY THE BEST. LAST FOREVER. Over 9000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞, **40c** per lb.; by mail 16c extra; 7 lbs. for **$2.50**; 15 lbs. for **$5.00** by express. For sale by the trade.

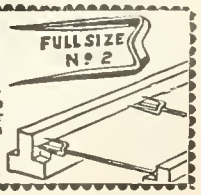
CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

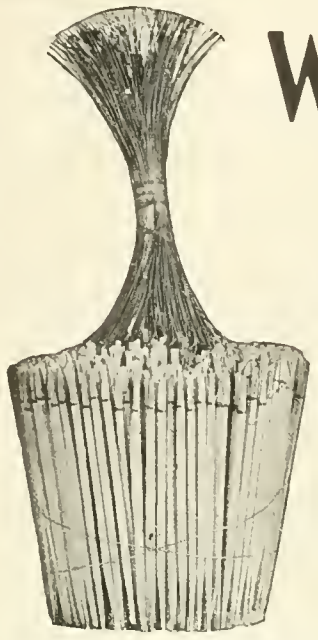
Holds Glass Firmly

See the Point

The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.

HENRY A. DREER, 714 Chestnut St., Phila., Pa.





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This quantity, in two packages, can be sent by mail to distant states for **75c.**
Box of 50,000 (weighs 30 lbs.) **$6.25** F. O. B., Berlin, N. Y.

FOR SALE BY THE LEADING SUPPLY DEALERS.

MANUFACTURED BY

W. J. COWEE,
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A NEW HOSE.

Greenhouse owners will be interested in a hose of special construction lately placed on the market. The question of obtaining a satisfactory article that would stand the wear and tear of greenhouse work has long been discussed by users and a hose that would not kink, burst or wear through the cover has not yet been obtained at a reasonable price. The Mineralized Rubber Co., New York, has a hose which seems to fill the requirements of greenhouse work, being constructed of a number of plies of fine duck, making kinking impossible, and an extra heavy cover effectually protects it from the wear caused by being drawn around sharp corners of benches, etc. Although it will stand any hydrant pressure, it is as light in weight as almost any hose on the market. Every man who has had to drag a heavy section of hose around will appreciate this last advantage. The saving in weight is accomplished by an ingenious idea. It is a well known fact that the supply of water passing through a hose is governed by the smallest internal diameter of any part of that hose and as the couplings of a ¾-inch hose are ½ inch at the shank the stream is practically reduced to that size. Now the hose that we refer to is made ½ inch throughout except at the ends, which are enlarged to admit a regular ¾-inch coupling, so the size of the stream is not reduced and practically the same amount of water passes as through the ordinary ¾-inch hose.

Denver, Colo.—J. A. Valentine, of the Park Floral Co., states that he has made an arrangement with N. A. Benson to grow 1,000 Prosperity carnations for him next season, taking all the cut at the uniform price of 8 cents throughout the year.

Greenfield, Mass.—E. A. Richards says business this season has been about the same as last year, but that a rather larger Easter trade is expected. Prospects are bright for spring business, as many people have lost their plants during the severe winter.

DON'T LET YOUR ROSES MILDEW.

USE THE PEERLESS SULPHUR BLOWER.

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with Testimonials on request.
If your seedsman does not handle it, order direct. **Price $4.00 F. O. B. Chicago.**

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"ANCHOR" GREENHOUSE HOSE

Warranted to any Hydrant Pressure.
Specially Constructed for Use by Florists, Etc.

A PERFECT HOSE AT MODERATE COST

MINERALIZED RUBBER CO.,

18 Cliff Street — NEW YORK

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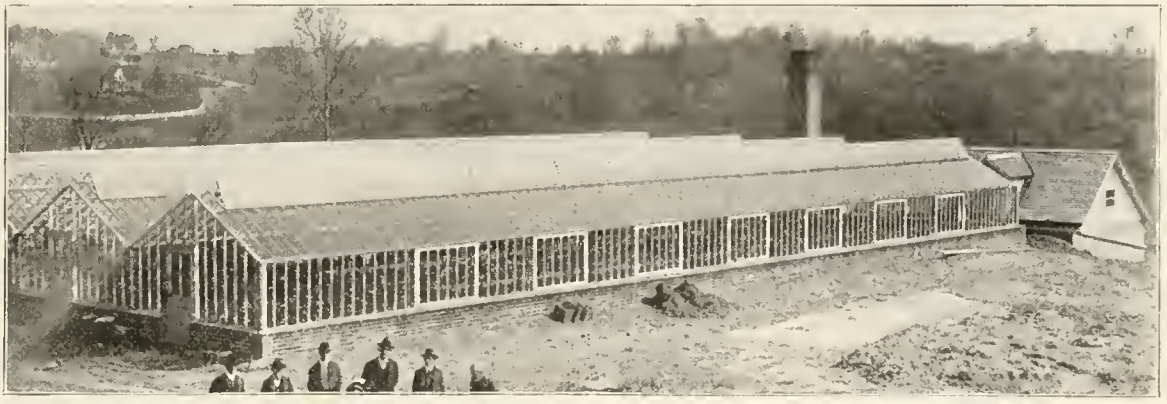
Our New Catalogue Just Out.

Write for it if you contemplate building; it will be of interest to you.



Range of four Dietsch Short-Span Greenhouses, built for Mueller Bros., St. Joseph, Mo.

We built a range of twelve houses 14 x 150 for the H. A. Dreer Co., Riverton, N. J., this short-span style of construction being selected by Mr. Eisele on account of the superior ventilation afforded, as well as its other merits. Geo. Reinberg and M. Winandy, Chicago, have similar ranges. Write us for names of places in your vicinity where this popular style of construction may be examined. You can prove for yourself our claim that it includes the following

ADVANTAGES NOT POSSESSED BY ANY OTHER METHOD:

1st Largest bench room obtainable; all benches equally good.

2d Safe construction; roof a perfect truss; no high peaks.

3d Best ventilation; a run of ventilators to every two benches.

4th Least shade possible with any method of roof and wall construction.

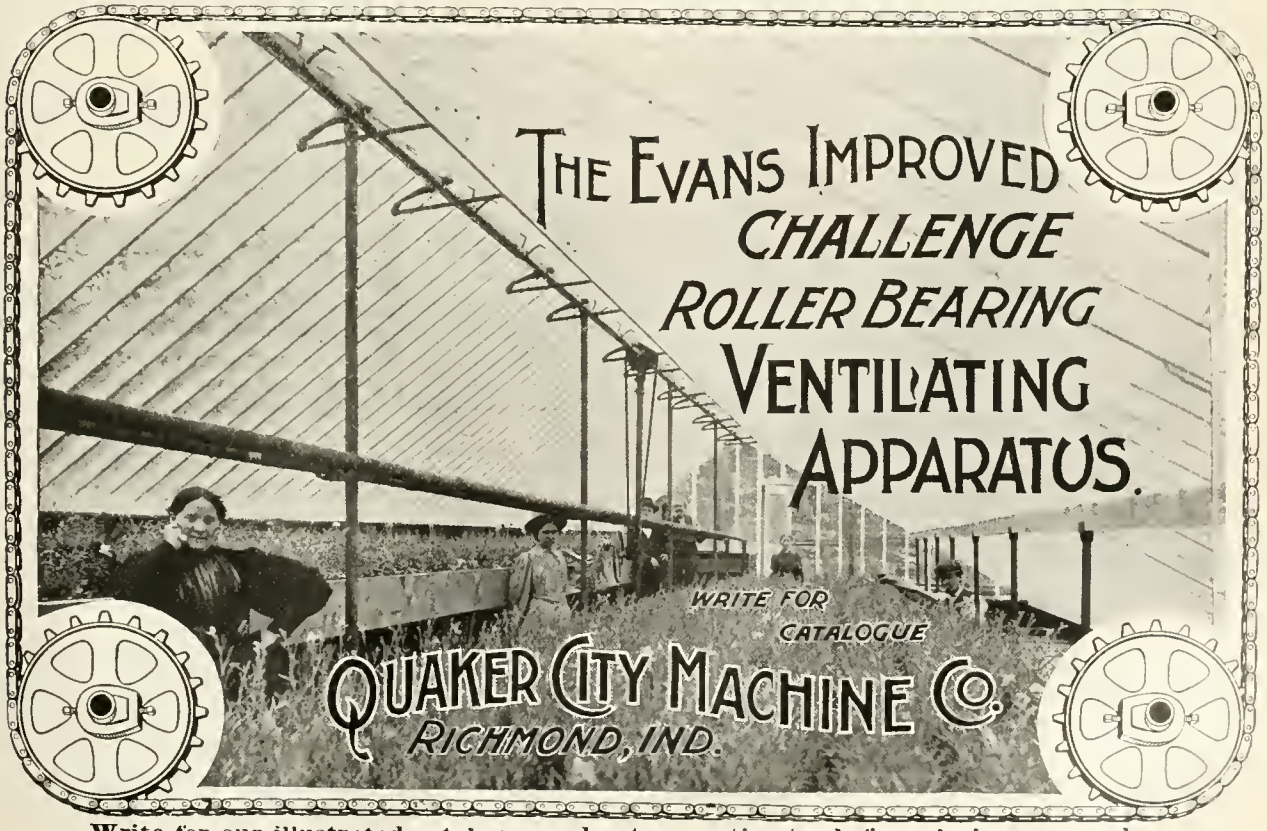
5th Ease of construction; greatest durability at minimum of expense.

6th Every requirement of modern construction fully provided for.

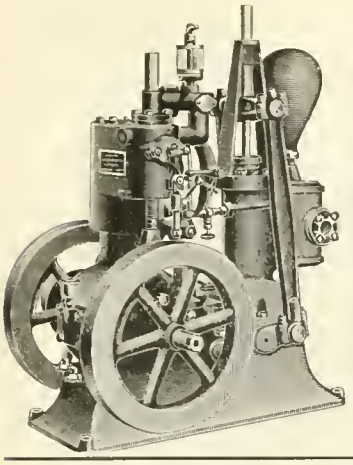
These advantages appeal to everyone and this style of construction has the endorsement of many prominent growers. Let us give you an estimate; the figures will be so low they'll surprise you; the work is so good it will please you.

A. DIETSCH CO., 615-621 Sheffield Ave., Chicago.

THE BEST IS THE CHEAPEST



Write for our illustrated catalogue and get our estimates before placing your order. We are sure it will be to your interest.



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This is especially true during the summer season as the amount of coal burned and the time lost in getting up steam will pay for the machine. It can be started instantly, uses little fuel and the expense stops when you stop pumping. **They are simple and EASY TO OPERATE, POWERFUL, DURABLE and RELIABLE.**

On exhibition and for sale in the principal Cities.

Our catalogue and further information will be sent on request.

The Standard Pump and Engine Co.

Use gas or gasoline for fuel. **CLEVELAND, OHIO.**

THE BETTER PLAN.

Which of these two systems of heating with hot water is the better? Run a 4-inch main to the far end of the house and drain with runs of 2-inch pipes under each bench into a 4-inch return at the lower end of the house. Or run a 4-inch flow along the lower end of the house, have a 2-inch outlet from the main supplying a coil of 2-inch pipes under each bench, coming back into a 4-inch return beneath the floor. Is 2-inch too large pipe for the heating coils? J. C. F.

The 4-inch main, or riser, will give a less restricted flow than the 2-inch. It will also give a little more radiation than the two 2-inch pipes. If it is desirable to get the greatest efficiency and the greatest radiation, the 4-inch pipe will prove most satisfactory. In hot water heating with an open circuit it is customary to use flow and return pipes of the same size, usually 3 or 4 inch. With hot water under pressure the coils are frequently made from 1¼-inch pipe, and the flow pipes in proportion to the amount of radiation to be supplied. Two-inch pipe is not too large for coils. The size of the pipe is not of as much moment as the square feet of radiation. Neither the size of the house nor the number of feet or heating pipe are stated, so we cannot judge of this proportion. L. C. C.

PIPING.

How much 2-inch pipe will be required to heat a house 16x100? North gutter is six feet, well protected, south wall four and one-half feet with eighteen inches of glass; both ends glass, nine and one-half feet to ridge. Winds from the west are coldest. S. & B.

To maintain a temperature of 70 degrees in the house mentioned with hot water at 180 degrees it will require twelve runs of 2-inch pipe the full length of the house. This house requires 750 feet of radiation, to supply which it requires 1,200 lineal feet of 2-inch pipe. If the water is not maintained at 180 degrees, but runs about 160 degrees, it will require more piping. Fifteen runs the full length of the house will then be required to hold the temperature at 70 degrees. The purpose for which the house is intended is not specified, so I have assumed that 70 degrees would be the maximum temperature required. L. C. C.

The WOLF IMPROVED SYSTEM VENTILATING APPARATUS

Is now operating houses 50 to 740 feet long and is especially adapted to the present style of commercial greenhouses. Is the only system that has proven successful in raising the sash uniform on very long houses, using only one machine, operating from either end or center of house, opening sash on one or both sides of ridge pole, from either top or bottom. Less machines are required, convenience and labor saved in the operation of same, lightness and durability combined.

If you are building a new range and need Ventilating Apparatus of any kind and desire to purchase the most economical machine, estimates will be furnished you with a **10-year guarantee,** based upon actual results obtained after seven years' experience in the operation of long houses. The heaviest single line of sash raised by one single machine is equal to one continuous sash 227½ feet long by 4½ feet deep. Send dimensions of your houses, with number, size and position of sash. Prices and catalogue which contains a large list of references will be sent you by return mail.

A. Q. WOLF & BRO., Dayton, Ohio

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New Roof Construction, Automatic Stokers, Water Tube Steam Boilers, Automatic and Hand Ventilating.

North Tonawanda, N. Y.
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HOTBED SASH, BOILERS, PIPES, FITTINGS, VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building.

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Send for prices and catalogues.

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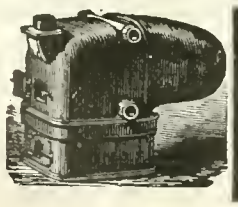

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233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING.

VENTILATING APPARATUS

HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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PETER REINBERG

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WHOLESALE CUT FLOWERS

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HEADQUARTERS FOR AMERICAN BEAUTIES

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Send for Catalogue and Prices

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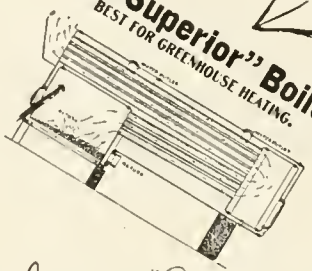
The "Superior" Boiler

BEST FOR GREENHOUSE HEATING.



Superior Machine and Boiler Works,
129-799 N Superior St.,
Chicago, Ill

Gentlemen

We are running twelve of your "Superior" boilers and find them satisfactory in every respect. They are not only good heaters but economical to operate. We shall be pleased to have florists visit our place to see these boilers working.

Very Truly Yours

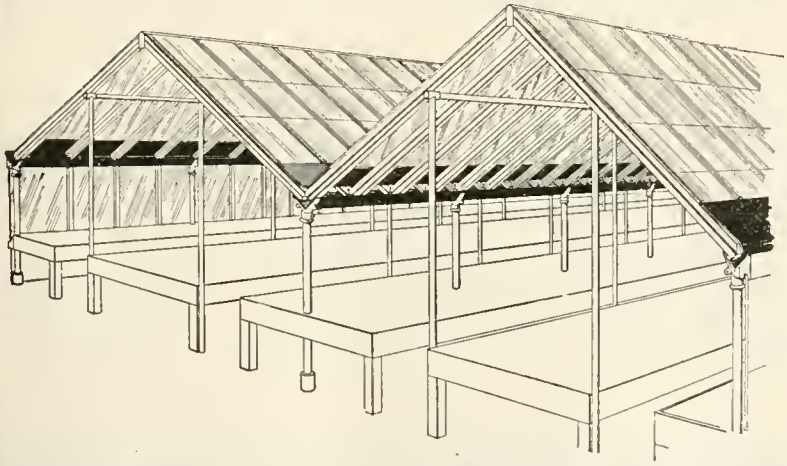
Peter Reinberg

These Boilers are built to Order of the Best Steel Plate. Give us Your Order NOW and we will build the Boiler and ship it when you say.

Mention The Review when you write.

Now is the time

to investigate matters pertaining to improvements for the coming season. : : : : :



I wish to call your attention to the **New Duplex Iron Gutter,** made of the best and strongest material. Over six miles in use and still an infant, giving the best of results. No ice, snow or drip this severe winter. The only positively drip-proof gutter sold; no drip from the glass or gutter. A boy can erect them; simple and durable; make a shadeless house very strong and neat.

Send for a descriptive catalogue of the **Standard Ventilating Machinery;** over 14 years in use and still the leader in simplicity, durability and ease of operation, with power to sell.

The recently patented **Standard Steam Trap**—This trap has been especially invented for the florists' use—Knowing that a perfect trap, and at all times ready to work, is needed, do not fear to risk your plant to a **Standard Trap,** it beats gravity to a standstill.

E. HIPPARD, - - Youngstown, Ohio.

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The PITTSBURGH PLATE GLASS COMPANY

ARE THE LARGEST HANDLERS OF

AMERICAN AND IMPORTED GLASS

IN THIS COUNTRY?

WE MAKE A SPECIALTY OF GLASS FOR GREENHOUSES, and can furnish your requirements promptly from any of our Branch Houses located at

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WE ARE SOLE DISTRIBUTORS OF PATTON'S SUN-PROOF PAINTS -- JUST THE THING FOR GREENHOUSES.

CAMPHOR AND CUTTINGS.

The following note on the use of camphor for assisting the germination of seeds and the growth of cuttings will be of interest. It is taken from the Dictionary of the Economic Products of India. "Mr. T. W. Lee, writing in the Journal of Agriculture, says that most seeds are greatly hastened in their germination by being soaked, previous to sowing, in soft water, to a pint of which a lump of camphor about the size of a large nut has been added. Mr. Lee tried this experiment on many vegetable seeds, such as peas, beans, etc., as well as palms, castoroil seeds, and various other tropical seeds, which have very hard seed coats, many of which would require soaking in water for a long time before they would otherwise show signs of germination but which with the addition of camphor sprout easily and rapidly. This same fact may be taken advantage of in stimulating cuttings of roses or other plants sent from one country to another. Rose cuttings, for example, posted in England, carry safely to India, and the stimulation caused by dipping their freshly-cut ends in camphor water, helps greatly to enable them to take root when placed in the soil."—Gardeners' Chronicle.

Midland, Ont.—W. G. Winfred was frozen up last fall by reason of the failure to get his heating apparatus installed in time in some new houses, and is now in need of assistance in the way of cuttings, etc., to enable him to make a new start.

Rose Hill, N. Y.—John Vry, who has for some years been with F. B. Mills, has removed to Lakeland, Minn.

For the florist and grower the Review cannot be beaten.—L. M. Gage, Bristol, Vt.

GLASS Greenhouse Sizes a Specialty.
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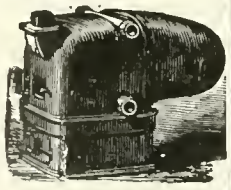
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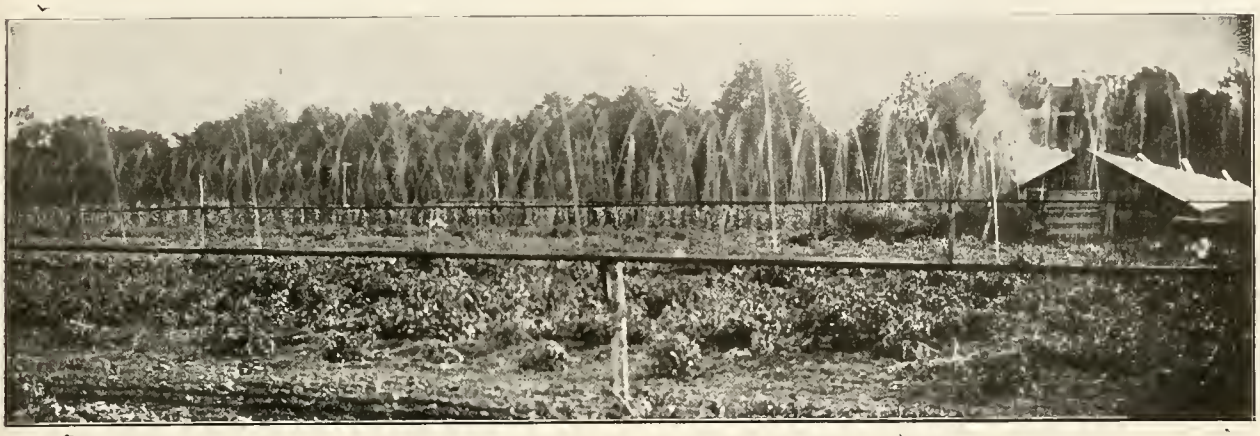

Under this system we get results that cannot be had under any other method. In the first place we apply the water as uniformly as rain. Secondly, the water is applied so slowly there is no crusting or baking of the soil, and the soil is always loose and porous. This is the reason everything grows so much stronger when watered by our system. Third, we are able to water the whole length of the row at one operation, so that there is no hindrance to cultivation. Fourth, where city water or our gasoline pump is used, there is no time lost in watering; all you have to do is to open the valve and the water is put just where it is wanted. There are many other advantages which we cannot name here but will be glad to explain to anyone interested.

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can be depended upon to give it to you. You won't find the contents of the tank half gone because of Leaks. The **Red Gulf Cypress** is the best wood for use in water tanks and we employ no other kind. The towers are built of best mild steel and will safely hold the tank.

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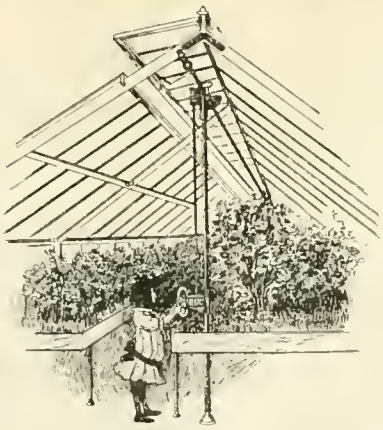

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Send to-day to our New York Office five cents postage for our Heating and Ventilating Catalogue. And five cents more for Greenhouse Construction Catalogue.

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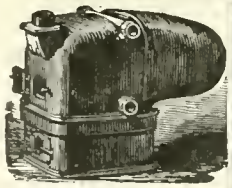

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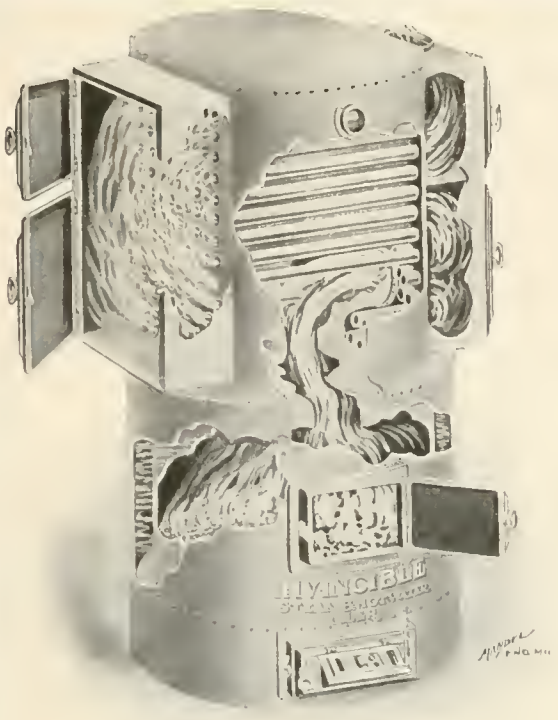

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50% SAVED IN Your FUEL BILL BY

USING OUR "ECLIPSE" or "INVINCIBLE" STEEL HEATING BOILERS.

Our boilers are internally fired; easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. They are complete and ready to set up on leaving our works. Any kind or grade of fuel can be successfully used.

The construction is of the **BEST FLANGE STEEL.** The heating surface is principally flue surface, which is most durable and sensitive to heat. No boilers on the market are so readily and easily cleaned.

These letters show that we save our customers 50 per cent in fuel. We can do the same for you.

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TO BURNS BOILER & MFG. CO.:—In reply to your inquiry regarding the Eclipse return flue boiler placed in my building last fall, will say, that it has given perfect satisfaction. Although the temperature has often been 35 degrees below zero, we have not experienced the least trouble in keeping the building perfectly warm. I can burn any kind or grade of fuel in the boiler, and can safely say that I have made a saving of fifty (50) per cent in fuel by substituting your boiler for the boilers in my building.
JULES PARMENTIER.

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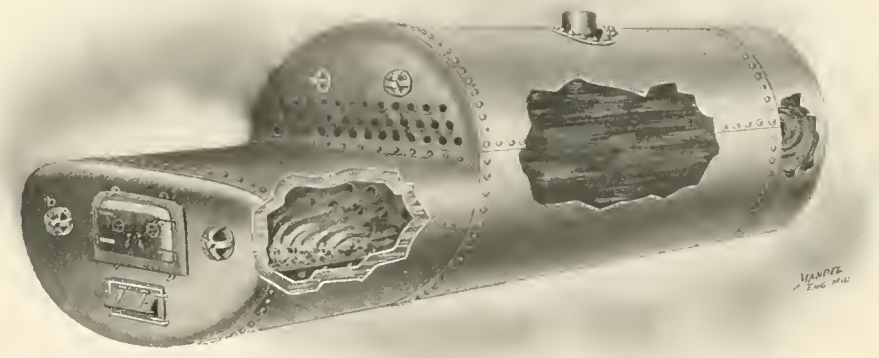
They have a merited reputation for

Economy, Durability, Efficiency.



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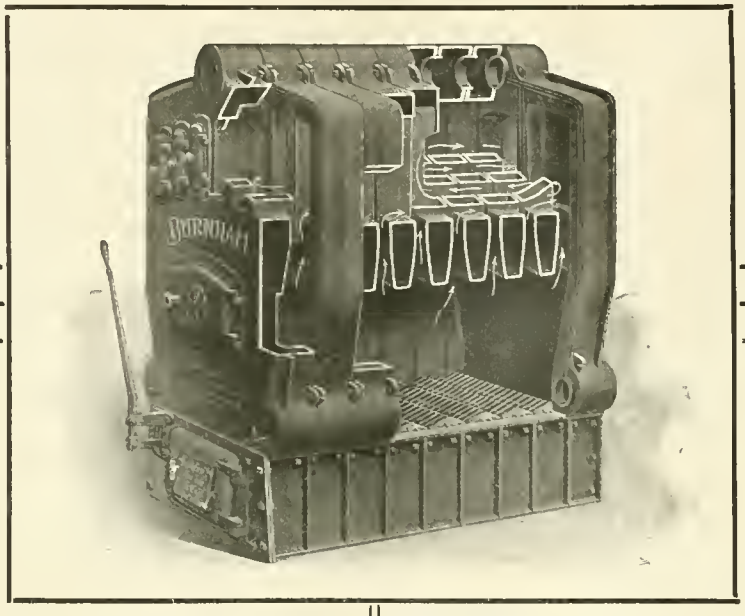
SECTIONAL BOILERS



YOU surely intend to make your business grow and have provided room to extend the greenhouses you are building. NOW IS THE TIME to think of your heating apparatus. If you buy a BURNHAM SECTIONAL BOILER you can get one just the size for your present needs, and later on when you need more heat for additional greenhouse space or a higher temperature in one part of your present structure, all you need to do is to add as many more sections to your boiler as may be necessary.

IRRESPECTIVE of your future requirements, the boilers are the best, because:

They are economical of fuel.

Require no masonry setting except the usual brick bed.

Equal to the best tubular steam boilers, while the cost of setting is much less.

Contain a larger direct heating surface per foot of grate than any other boilers.

Fitted with improved rocking and dumping grates which make firing easy.

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FLORISTS' REVIEW

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, MARCH 31, 1904. No. 331.

Watson B. M.
Jamaica Plain
365

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$12 per 100; $100 per 1000.

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The new introduction in the Maidenhair Fern family.

Will be ready to distribute among the trade about July 1st, 1904. Out of 3-inch pots, $35.00 per 100; $250.00 per 1000. 25 at 100 rate, 250 at 1000 rate.

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HEALTHY, STRONG STOCK. READY NOW.

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All at $80.00 per 1000 while this stock lasts.

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GET THEM NOW and start up into growth.

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	Per dozen.
American Beauties, 30 to 40-inch	$ 6.00 to $ 8.00
" " 24-inch	4.00 to 5.00
" " 15-inch	2.00 to 3.00
" " 12-inch	1.50
" " 8-inch	1.00 to 1.25
	Per 100
Liberty, long select	25.00
" medium	15.00
Bride and Maid, long, select	10.00
" " good stock	8.00
" " short stems	5.00
Carnations, large fancy	$5.00 to 6.00
" good stock	4.00
" common	3.00
Longiflorum Lilies	15.00
Calla Lilies	12.50
Valley, fine	3.00
Galax	per 1000 1.00
Adiantum	1.00
Asparagus Sprengeri	per doz. .35
" Plumosus, sprays	3.00
" " strings	50.00
Ferns, fancy	per 1000 3.50
Narcissus and Romans	3.00
Violets, double, fancy	1.00
" single	.75
White Lilac, very fine	per doz. 1.00
Tulips, double	$4.00 to 5.00
" single	3.00
Daffodils and Jonquils, double	3.00
Lencothoe	.75
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WHILE DOUBLE VIOLETS have been "dumped" in the leading cities, good singles have been bringing good returns to the grower. The popularity of this Violet is astonishing. I have sold in the city of Boston this winter 1,300,000 blooms without having to make any sacrifice. You can do the same if you have good stock. You cannot afford to have poor stock. I have simply the best stock in the country. I will send out in May strong, transplanted stock for which I am now booking orders at

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And be assured of supplies such as can only come from

A MILLION FEET OF GLASS.

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BEAUTIES—	
Extra Select	$6 00
30-inch stems	5 00
24-inch stems	4 00
20-inch stems	3 00
15-inch stems	2 00
12-inch stems	1 50
Short stems	1 00

Bride	per 100,	$6 00 to $10 00
Maids	"	6 00 to 10 00
Meteors	per 100,	$6 00 to $10 00
Golden Gate	"	6 00 to 10 00
Chatenay	"	6 00 to 12 00
Sunrise	"	6 00 to 10 00
Liberty	"	6 00 to 12 00
Ivory	"	6 00 to 10 00
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CARNATIONS	"	4 00
" fancy	"	5 00 to 6 00
HARRISII per doz.,	$2 00	15 00

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WHEN YOU WANT

Anything in CUT FLOWERS **On Short Notice**

Send me your hurry-up ORDERS.

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Beauties,	Per doz.
Specials	$7.00
30 to 36-inch	$5.00 to 6.00
20 to 24-inch	3.00 to 4.00
15 to 18-inch	2.00 to 3.00
Shorter	$6.00 to $12.00 per 100.

Liberty, Chatenay, Gate, Ivory, Bride, Maid, Meteor, Perle — Firsts, $8.00 to $10.00 per 100. Seconds, $5.00 to $7.00 per 100.

Carnations,	Per 100
Extra fancy	$5.00 to $6.00
Select	4.00
Good average	3.00
Valley	3.00 to 4.00
Violets	.50 to 1.00
Harrisii	12.50 to 15.00
Callas	12.50 to 15.00
Romans, Narcissi, Freesia	2.00 to 3.00
Tulips, Von Sions	3.00 to 4.00
Dutch Hyacinths, fancy	4.00 to 6.00
Jonquils	2.00 to 3.00
Orchids, Cattleyas, $6.00 to $7.00 per doz.	

Orchids, Cyps	per doz., $2.00 to $3.00
Orchids, assorted boxes, per box,	5.00 to 10.00
Adiantum	per 100, 1.00
Fancy Ferns	per 1000, 3.50
Smilax	per doz., $2.00 to 3.00
Plumosus Strings	each, 35c to 50c
Leucothoe, green	per 100, 75c
Leucothoe, bronze	" 1.00
Galax, green	per 1000, 1.00
Galax, Bronze	" 1.25
Wild Smilax	25-lb. case, 3.75
Wild Smilax	35-lb. " 5.00
Wild Smilax	50-lb. " 6.00

Prices subject to change without notice.

Easter Greeting to our many florist friends

North, East, South and West we send, coupled with the hope that we may have been of some service to them in helping to make this busy season a source of profit.

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Ribbon Specialists. The Leading Florists' Supply House.

918 Filbert Street, -- -- PHILADELPHIA.

Spring-1904

Now ready for delivery.

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Long leaf variety.....per 1000 lbs., $60. Per 500 lbs., $32.50. Stems running from ½ lb. up, per 100 lbs., $7.50.

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BOX TREES — Pyramid and Standards, per 100, $150.

BAY TREES — Pyramid and Standards, from $10 a pair.

TUBEROSE Excelsior Pearl, 4-6, per 1000, $6.

GLADIOLI—All colors, mixed, per 1000, $6. Light and white mixed, per 1000, $12.

Prices on **Summer and Fall Plants, Bulbs and Roots** cheerfully given by

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R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100.

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MISCELLANEOUS SEASONABLE HINTS.

After the Storm, the Sun.

Few florists will have much time to read until the Easter rush is over. Then there will be breathing time, extreme satisfaction with the general result, we hope, and a new order of work and crops will engage each one's mind and energy.

Utilizing Left-Over Stock.

Very few of the plants we grow for Easter that may be left unsold are worth the room and care to carry them over for another year, yet there are some which are. Let us look over the list. It will depend somewhat on conditions. If you have an abundance of deep, rich, easily worked land at your service you might save the bulbs of tulips, hyacinths and narcissi. After drying them off in the flats, store them away till next October or November and then plant them out. They will give you flowers of a certain quality, yet they are now cut off so close to the bulb, just when the foliage should be nourishing a formation of the new flowering bulb, that it is hardly worth bothering with these old forced bulbs. For years we have dumped the flats in the back yard, where a small army of old women bring their fingers and a basket and leave the soil in good condition to sell for surfacing lawns.

We have never tried planting out the bulbs of the Japan longiflorum, but we have often done this with Lilium Harrisii, that is, with plants that were not cut down too close to the pots, and they have thrown up a good flowering stem in July or August.

Some Useless Plants.

Primula obconica has with us been a most useful late winter and Easter plant. This ends them; unless they are plants of phenomenal color or size of florets don't think of saving them. They are better in every way, particularly in cost, when raised from seed. And just now is a good time to sow. Remember I am speaking of plants only that you may have left over, from one cause or another.

Rhododendrons are perfectly useless to us. In many localities they could be planted out as hardy shrubs. There is so much lime in our soil that the only use we could make of a once forced rhododendron, kalmia or Azalea mollis would be to present it to a customer we had a grude against. The cytisus is too cheap a plant to carry over, unless it be a very few, and if you do that let them be entirely out of flower and then cut back quite hard. Cut them back into shape and give them a night temperature of 50 degrees and they will make large plants for next year.

A Plant Worth Saving.

Acacia armata is worth saving when the flower is quite gone. Say in three or four weeks cut the last summer's growth back to within three inches of the previous year's growth and they will break and make a new growth that will make the flowering wood for next year. The metrosideros, or bottle brush, requires just about the same treatment.

In treating these shrubs (for shrubs they are, in their native clime) after flowering we must not starve them for want of heat or water, for after the cutting down they make the growth which is to produce the flowers of next season, as do our hardy shrubs, such as the lilac, in the months of June and July.

I scarcely like to say anything about Crimson Rambler roses, yet there may be a few plants of these left and if cut down they will make several strong growths from the base of the plant, which if encouraged to grow and given a shift two months later, would make great plants for another year.

I have seen Astilbe (Spiraea) japonica planted out in several places but it does not amount to anything. Perhaps if you had a cool, moist, black muck you might make it a profitable herbaceous plant, but I have never seen it such, and cut down plants, which you are sure to have plenty of, should be consigned to the dump pile.

Hydrangea Otaksa soon grows to be young "white elephants" and they must be well-grown and sell at a good price to be profitable. If you want to grow on any unsold plants, cut them down to within five or six inches of the pot, give them light and heat and they will make a growth and with plenty of root room will make large plants for another year, too large for any greenhouse forcing unless you have an unusual demand. The hydrangeas rooted this last January or February are the plants for Easter.

The Azaleas.

And now we come to the azalea, I think today the most popular plant we have and the one above all others that it pays to give the best of care to the left-over plants. Year after year our finest flowered plants, particularly the large sizes, are plants that we have had one or two years. The azaleas we import from Belgium are all grown in peat and are potted when they reach here in quite a different soil, for peat is found only in a few localities. But peat is not essential to azaleas, only that being grown in that soil they do not take quickly to the loam that we of necessity have to give them. If given a mixture of loam and leaf soil when received in the fall, and the drainage of the pot is all right, they will thrive in the same pot for three or four years. When the bloom is gone and the foliage is healthy and abundant, shorten back all the growth about half its length.

If you wish the plant to have that rounded shape, which almost all the imported plants have, then you cut back the growths to an even surface. But a good many prefer a plant of an irregular or more natural form. If the plant is in a healthy, vigorous state very little cutting back or pinching of the shoots need be done. Merely pinching out the old seed pods will suffice. To repeat, the growth that the azaleas are now making is what later will terminate in a flower bud and

Briarcliff Greenhouses' First Prize Vase of Beauties at Philadelphia.

give you the blossom for next winter. If you come into possession of some azaleas that have been dried out or abused and have lost their young growth, then take the shears and cut them back hard; never mind if you leave scarcely a leaf on them. Put them into a house at about 55 degrees at night and once or twice a day syringe them and they will surprise you with the number of breaks they will make. I don't want to go into the summer treatment of azaleas just now, so will only say keep them growing in a most genial heat till early June, when they should be plunged outside in the broad sun.

Some Easter Novelties.

We tried several things for Easter this year that we thought would be a novelty in our city and hence profitable. Our experience is already sufficiently advanced to learn that we are out of dollars in cash and labor and space on our benches. Cydonia japonica and Prunus triloba, and I may as well add Wistaria sinensis, are very beautiful in the imagination when well flowered in a 7 or 8-inch pot, but the imagination and anticipation, like many earthly joys, are about all there is of it. Perhaps in communities where wealth is a burden and when well done, these pretty flowering shrubs may be appreciated, but they are very difficult to do well and there are so many other pretty plants and flowers that we can dispense with them. An Ulrich Brunner rose in a 6-inch pot, with a dozen blooms, or a Lawson carnation in a 6-inch pot, with twenty flowers and buds, will outsell them any day.

Don't Overlook the Failures.

Although I have been giving you my views to the very best of my knowledge on how to take care of the plants worth growing for another year, it is up to each one individually to think for himself how best he can utilize the space he has under glass and has to pay for coal to heat. The plantsman who makes money is the one who grows his plants the nearest to perfection and sells out clean on all his crops. If you had a bench 4x100 of azaleas and every one sold, that would seem good, but if in the same house you had a bench the same size of blind hydrangeas and none sold, it would take all the profit off the azaleas and you may as well not have a greenhouse at all. Some men dislike to discard any old pets. In the terribly keen competition of today you can't afford to have hobbies or favorites unless they bring a revenue, and rather than waste time, labor and costly space with doubtful old plants, pitch them out and grow something you know you are master of. Every time you have a square foot of bench room that returns you nothing you have wiped out the profits of another foot that you are very proud of.

Bedding Plants.

The much needed space is now at hand and those engaged in the bedding plant business will have plenty to do from now on. With us the most important thing will be to get our zonale geraniums shifted from 3 to 4-inch pots. Don't use a light, rich soil or they will go to leaf. Let the soil be a heavy loam, pot firmly and if you have no well decayed manure to add to the soil (about a fifth) then use a 5-inch pot of bone flour to a bushel of soil, but pot firmly.

Poinsettias.

It's about time to bring up the dormant poinsettias that have been resting beneath the bench. Shake off all the old soil and repot in any size that will hold the roots. Cut back to sound, fresh wood and start growing and in five or six weeks you will get cuttings.

Dahlia Cuttings.

Mr. Editor, your Easter Number will be acknowledged by all fair minded persons as the greatest issue of a floricultural journal that has ever happened up to date, in this broad land, or any other land. The article by Mr. Peacock on "The Propagation of the Dahlia" is only one of the many good things. Just as Mr. Peacock gets down to that fine point and tells you to take the cutting when it has "developed three pairs of leaves," he does not say whether it should be taken off the tuber with a so-called "heel" or not. And he does not say whether or not the cutting, if it is minus the heel, should be cut at or just below a joint. Immaterial as it is to cut most soft-wooded cuttings at a joint, I have always been led to suppose that unless a dahlia cutting was cut at the joint it would make roots but never form tubers. Is that right or is it a fallacy, Mr. Peacock?

William Scott.

John Burton's Second Prize Vase of Beauties at Philadelphia.

SPECIAL AWARDS AT ROSE SHOW.

The following are the special awards at the exhibition of the American Rose Society and Pennsylvania Horticultural Society at Philadelphia last week.

Special to John McCleary, gardener to Wm. Weightman, Germantown, for six plants Primula obconica grandiflora.

Special to Wm. Kleinheinz, gardener to P. A. B. Widener, Ogontz, Pa., for six plants Primula obconica grandiflora.

Special to Frank Ibbotson, gardener to J. Vaughan Merrick, Wissahickon, for six plants Primula obconica grandiflora.

Special to Jos. McGregor, gardener to Edgar T. Scott, Lansdowne, Pa., for collection of bulbous plants.

Silver medal to H. A. Dreer, Philadelphia, for collection of foliage plants.

Silver medal to Jos. Hurley, gardener to James W. Paul, Jr., Radnor, Pa., for pair of large kentias.

Certificate of merit to Frank Ibbotson for six plants cyclamen.

Certificate of merit to Louis A. Dupuy, Whitestone, L. I., for Hydrangea Hortensis rosea; a decided acquisition.

Special mention to Louis A. Dupuy, for ericas.

Special mention to James Bell, gardener to the Misses Vanuxem, Chestnut Hill, for Chrysanthemum segetum.

Silver medal to J. Breitmeyer's Sons, Detroit, Mich., for new rose, La Detroit.

S. A. F. silver medal to John Scott, Brooklyn, N. Y., for new fern, Nephrolepis Scottii.

ALEXANDER MONTGOMERY.

In conferring the presidency upon Alexander Montgomery, of Natick, Mass., the members of the American Rose Society in annual session at Philadelphia last week did credit to themselves and their organization, for their choice is one who has labored long for the rose, and accomplished much, a man of the trade than whom there are few indeed who have contributed more largely to the advancement of commercial rose growing in America.

Like so many of our best men, Mr. Montgomery is a native of the land of the heather, born in 1848, at Port William in the south of Scotland. The son of a gardener, he served an apprenticeship at the trade on the estate of the Earl of Galloway, later becoming gardener at Dysart House, the seat of the Earl of Roslyn. Until he was 24 he spent his time on various private places in England, arriving at Boston in 1872. Here he worked at gardening on several estates, notably that of Wm. Gray, whom he brought into the front rank of exhibitors at the Boston shows. It was in 1880 that he joined forces with E. M. Wood, at the Wahan Rose Conservatories, Natick, then a small place, but since grown to be one of the largest and most famous rose growing establishments in the country. Just prior to Mr. Wood's death the business was placed on a corporate footing, the present official heads being Robert S. Minot, president; George Burroughs, treasurer, and Mr. Montgomery, general superintendent.

When Mr. Montgomery first became identified with commercial rose growing the long-stemmed rose as now produced in such quantities was unknown in the cut flower markets. Marechal Niel and General Jacqueminot were the principal

varieties grown at Waban. This was in the day when Jacq. was sold wired on toothpicks and disbudding to secure flower and stem was Mr. Montgomery's suggestion. He also did Cornelia Cook to such perfection that his flowers were the sensation of that early day.

But floriculture owes probably its greatest debt to Mr. Montgomery for the part he bore in introducing Catherine Mermet, brought out in France by Guillot & Sons, in 1869. Mr. Montgomery had what may have been the first 500 plants grown in this country. He was equally as successful with this as his other subjects and did much to cause its wide dissemination. And Mermet has done more for the rose industry than any other variety, as from it sprang both Bride and Bridesmaid, from the introduction of which, in 1885 and 1892 respectively, the development of the rose-growing industry may almost be said to date. Indeed, it is difficult to see how the present-day proportions of our business could have been attained had it not been for the strong blood of these varieties.

Mr. Montgomery was an early advocate of grafted stock, having been one of the first, if not the very first, to experiment largely in this direction, some years before the subject was taken up for general discussion. Now grafted Brides and Maids are the principal varieties grown under the 300,000 feet of glass at Waban. Other varieties are Beauty, Liberty, Golden Gate, Ivory and Mrs. Morgan, the latter in good quantity.

Chrysanthemums are also a specialty here and are grown to perfection, it being on record that the flowers have upon occasion brought as high as $1 a bloom in the Boston market. Valley and asparagus may also be mentioned as among the items grown.

Mr. Montgomery married, as all good gardeners do, and has three sons and two daughters, the eldest son, Alexander, Jr., a graduate of Amherst, being associated with his father as assistant superintendent at Waban. Mr. Montgomery's friends say that the son is "a chip off the old block," for he, too, is an enthusiast on the rose, having done much careful hybridizing to so good result that he has a pink seedling which will soon be heard from, doubtless in a year or two.

A. Farenwald's Vase of Liberty Shown at Philadelphia.

URGE A COMBINED MEETING.

The following is the communication of the committee of the American Carnation Society presented to last week's meeting of the American Rose Society, arguing that the exhibitions of the two societies should be held in the same city and on practically the same dates. This was supplemented by an invitation from the Chicago Florists' Club, but the sentiment of the rosarians seems to have been unanimous against leaving the east. Possibly the purpose of the committee may be accomplished upon occasion when the Carnation Society again goes east:

To the American Rose Society: The American Carnation Society, by its committee, sends greeting, and asks for a thoughtful consideration of and a friendly response to the following statement and invitation.

At the annual meeting of the American Carnation Society held in Detroit, March 2 and 3, the society adopted the following:

Resolved, That the chair shall appoint a committee of three to confer with the American Rose Society at its approaching meeting and induce the said Rose Society, if possible, to hold its next meeting in the same city with this society and upon the days immediately preceding or immediately following the meeting of this society, or upon the same days if deemed advisable.

Under this resolution the chair appointed the undersigned as such committee and we most sincerely urge you to accept the invitation.

While some of the members of each society are only directly interested in the rose or in the carnation, as the case may be, the majority of the members are interested alike in the one flower and in the other. Nearly all such members feel heavily the expense and loss of time involved in attending one convention, and are unable to attend both meetings when they are held in separate cities as has been the custom heretofore.

The attendance upon the meetings of each society ought to be largely increased and doubtless many florists who have never attended either meeting will be attracted by an opportunity to witness such a display as would be brought out by the joint efforts of our two societies. Good fellowship would be promoted and the membership of each society largely augmented.

Many new and interesting carnation seedlings are displayed each year and a joint exhibition would tend to stimulate and encourage those who are working for the production of new varieties of roses, and would doubtless induce others to take up this line of work. Such a result would redound to the credit of your society and would be a benefit to the trade at large.

We firmly believe that a joint exhibition of our two societies will be so attractive that the local club in the place of meeting would be justified in charging an admission fee, which would lighten the burden of entertainment.

The next meeting of the American Carnation Society will be held in the city of Chicago, the exact date to be determined by the board of directors, they having been requested by the society to select a date either in the last week of January or in the first week of February. We hope you will see fit to meet with us in Chicago and that you will authorize some person or committee to confer with us to the end that arrangements may be made best suited to the convenience of both societies.

Assuring you that the American Carnation Society as a body is deeply interested in your success, we beg to subscribe ourselves,

Cordially yours,
J. A. Valentine.
E. G. Hill,
E. Dailledouze,
Committee.

Anonymous queries cannot receive attention. Names and addresses are necessary.

SOCIAL FEATURES OF ROSE SHOW.

The banquet tendered by the Florists' Club of Philadelphia to the American Rose Society was a great success. The menu card was a gem of its kind, the literary quotations appended to each toast being exceedingly appropriate and the whole a great credit to the man who constructed it. The genial inventor of the world famous Westcott Punch, the president of the club, presided. As customary the wittiest toastmaster of the city, ex-Mayor Smith, again enlivened the evening with his rare good humor and his quick impromptu sallies as he introduced the speakers. His is "the smile that won't come off." His good nature was infectious.

Henry A. Siebrecht responded to "Our Honored Guests." His theme was the Rose Society, its work, influence and future. His eloquent speech was heartily applauded. Wm. F. Gude, of Washington, the youngest ex-president of the S. A. F., gave a patriotic and stirring oration to the toast "Our Country." J. Otto Thilow, of H. A. Dreer Co., made his maiden effort and surprised all with his flow of language and the strong, earnest ring of enthusiastic devotion to his subject, "Horticulture." In the absence of President Breitmeyer, his brother Fred had a few pleasant remarks to offer on the subject of "Floriculture" and acquitted himself well.

The Demosthenes of the trade, the eloquent Robert Craig, gave an address of rare pathos and beauty to the toast of "The Rose," the hearts of all present going out to him in sympathy and good will. He received an ovation. Wm. K. Harris, the deacon of the cult, whose years sit lightly, was in rare good humor and gave a brief address to the toast, "Ourselves; Who's Like Us?" Dr. Geo. Goebel descanted modestly on the virtues of his profession, to the toast of "Our Preservers" and Patrick O'Mara did himself and New York proud in a brilliant address to the comprehensive toast "The Twentieth Century." John Burton's beautiful tribute to "The Absent" was listened to with appreciative interest. A silent toast was given to those who had passed away.

Informal addresses were made by the new president of the society, Alexander Montgomery; by Benj. Hammond, of Fishkill; A. H. Langjahr, of New York, Mr. Butterworth, and many others. A poem on the rose prepared for the occasion was read by the writer and the "Press" was responded to by W. J. Stewart, of Boston. The whole affair was a credit to the efficient committee, which was composed of John Westcott, Wm. K. Harris, Edwin Lonsdale, J. Wm. Colflesh, Robert Kift, Geo. Craig, Geo. C. Watson and David Rust.

Some splendid music and solos were rendered by an artist specially engaged for the evening and the songs of Messrs. Butterworth and Lonsdale involved the whole company in the chorus.

The bowling contest at Philadelphia on Wednesday afternoon, between teams from Baltimore, Washington and Philadelphia was a very interesting event and some grand scores were made, several going over the 200 mark and one or two making better than 240. Each city will have a great team at St. Louis. As usual the courtesy of winning was generously accorded Philadelphia by the visitors. The alleys are superb and the enthusiasm was music to the strangers' ears.

THE ROSE.

They say a rose by any other name would
smell as sweet,
But, don't you know, it seems to me that name
is hard to beat.
I've tried a dozen others, while inhaling its
perfume;
I've called it, O a hundred names, enraptured by
its bloom!
But after all I must confess, and you will I
suppose,
There's not a name can just as deftly touch
your hearts, as Rose.

Try calling it a "violet" and realize how blue
A name like that would make you feel; I'm
sure 'twould never do.
And even the "carnation" name, don't seem to
fit at all.
Nor "lily" fair, nor maidenhair, no name
amongst them all.
There's nothing anywhere, me thinks, that Old
Dame Nature grows,
In fruit or flower, on tree or bower, that's half
so sweet as Rose.

Her children fair and beautiful come tripping
o'er the lea.
Not one of all but finds a warm embrace from
you and me.
There's dear old Jacq and Marechal Niel, and
modest Bon Silene;
And stately Mermet Catherine and Edgely's
queenly Queen,
And glorious Beauty, which is still the sweetest
dower that blows;
But, after all, no name appeals to me like
Mother Rose.

O! What a lovely family the dear old lady's
reared,
Since the first rose, with blushing face in Eden's
bower appeared.
Such children these, so pure, so proud, so beautiful, every girl
And boy of them, what e'er their age, from
Uncle John to Perle;
Miss Liberty, the gay brunette, and her Bridesmaid; I suppose,
All proud to bend their heads in reverence to
Mother Rose.

Some with a touch of Irish blood and some
that need no blarney,
Like Siebrecht's Belle and Chatenay and ever
dear Killarney.
While strolling lovingly along with coquetry
adroit,
Behold angelic maiden, Bride, and her new love,
Detroit.
A family reunion, this, as everybody knows;
Lets join the happy company and drink to
Mother Rose.

If I could be a boy again, my first sweetheart
would be
A laughing, blushing little angel, frolicksome
and free.
I wouldn't ask her pedigree, nor bother whence
she came,
But confidentially, I tell you, Rose would be
her name.

If I should ever marry one of Eve's fair daughters, say,
I swear, it wouldn't be because she's wealthy,
anyway,
Of course a little money, just for comfort and
protection,
And stately form, brown eyes and pearly teeth
are no objection.
But when you look the records up, I tell you
just the same,
You'll surely find it written there that Rosie
was her name.

And if, as happens often, later on a stork should
come
And in a basket bring a little one to bless the
home,
I wouldn't then investigate, not while the nurse
was 'round,
Nor care what sex might afterwards by accident be found;
But cuddling Mother Rosie's face right close
to mine, I'd say,
"No matter, boy or girl, dear, Rose, let's call
it anyway."

When I and all most dear come to the "parting
of the way,"
Life's happy journey ended and night's shadow
on my day,
If this earthly habitation you to Mother Earth
consign,
And examining the records, you should find no
blot on mine,
Then, I pray you, see the silent home wherein
my clay reposes,
Is perpetually kept a-bloom through all the
years, with roses.

And if, perchance, my soul immortal reaches
Heaven's gate,
And Sir Peter should permit me any preference
to state,
I'll ask him to direct me where the florists'
gardens blossom,
Not the section where carnations reign, not the
odontoglossom,
But the place of many mansions where each
florist's soul reposes,
Just the sweetest part of Heaven, just the
homeplace of the Roses.

J. AUSTIN SHAW.

CARNATION NOTES—WEST.

Seasonable Notes.

After Easter we usually look for warmer weather, and where Easter comes about the second or third Sunday in April we can do with very little fire heat afterward in this section. Right here I want to remind you that whenever you apply these notes to your own place, you must consider first whether your climatic conditions are the same as ours and act accordingly. For instance, if Mr. Scott would try to follow them to the letter he would find himself very often just about three weeks ahead of time. I am sure he would not think of stopping firing for his carnations before May, or later, and if we would start some of our plants and sow our seeds on the dates he recommends we would often find ourselves way behind the season. Mr. Scott's Seasonable Hints are very useful to us indeed, but we must always keep from two to three weeks ahead of his dates. You will find it necessary invariably when following the advice of others to change the dates according to whether you are in the same climatic zone as the writer. Indianapolis would come in a class with St. Louis. Columbus, Pittsburg and possibly Cincinnati, O., while Chicago, Cleveland and Buffalo are fully two weeks later and Louisville, Ky., and others in line with it are fully ten days ahead of us. When I write I take Indianapolis as a base to work on and you can judge for yourself how the date should be changed to suit your locality. Always bear this in mind.

But to return to our knitting. Easter comes tolerably early this year and unless we have a big change from the kind of weather we are having this week we will not be able to take off our night man for a few weeks. Of course, we will have a cool night occasionally, which will necessitate a little fire heat and arrangements should be made to give it when it is necessary. Those who grow roses need not give this matter so much thought as the grower who grows carnations only. The former has to keep up his fires way into the summer and the fireman will turn on or off the pipes in the carnation houses as they are needed, but when it is a question of keeping the night man on duty at night regularly when fire heat will be needed only one or two nights in a week is quite another question. We are always glad to change the night man to day duty at the very earliest opportunity, not only because of the saving in wages and fuel, but also because from now on the work is piling up and all hands are kept on the jump to keep things in shape.

The houses should never be allowed to run down much below the proper temperature, else you will have a big crop of split calyxes and the saving in fuel and wages will be more than eaten up by ruined blooms through splitting. Whenever there is no fire heat the houses should never be closed tight, but there should be at least an inch of air on and in fact that much air can always be left on at this time of the season, as it will not lower the temperature much, while it will do the plants great good. I would rather have the temperature at 48 degrees with an inch of air on than at 52 degrees with no air and no fire heat. Also be sure you do your watering early enough so the plants will be dry when night comes, and keep the walks as dry

House of Longiflorum Lilies Grown by Weber Bros., Chicago, Photographed March 21, 1904.

as possible, too. These things will keep the dampness from rising during a cool night and far less damage will result from a sudden drop in the temperature during the night. Of course, every wet, rainy night will call for fire heat to keep the houses dry, even if it requires a couple of inches of air to keep the temperature down. A. F. J. Baur.

A HOUSE OF LILIES.

The accompanying illustration is a reproduction of a very fine photograph of a remarkable house of lilies at the establishment of Weber Bros., north of Chicago. This is the house which J. F. Ammann, of St. Louis, pronounced six weeks ago to be the best lot of lilies he ever saw and certainly they have come along in fine shape and are a testimonial to the skill of the growers. A more even lot could hardly be asked for. These are longiflorums, 7 to 9 bulbs and were supplied by W. W. Barnard & Co. E. C. Amling sells the Weber output and had most of this stock ordered up well in advance.

GEORGE FANCOURT.

It was a great shock to learn of the untimely death of George Fancourt, of Kingston, Pa., which occurred on Sunday morning, March 27. And we of Buffalo are but a few who will mourn his death, for he was widely known in the large cities of the east. George was a frequent visitor to our city, and it can be most truthfully said that to know him was to love him. Gifted far above the average man, a lover of the best literature, eloquent, witty, generous, broad-minded and, withal, a gardener and florist of the first water, he was highly esteemed and respected in the community in which he lived.

Mr. Fancourt had within a few years built an entirely new range of houses, some 50,000 feet, but the climate of the Wyoming valley not agreeing with the health of his family, he sold his estate to Mr. Marvin, of Wilkesbarre. A month ago he made up his mind to make Spokane his future home. He told the writer that floriculture in that far off state was yet in its infancy, but he believed "the star of empire glittered in the west and if not best for him it was giving his sons and daughters a better chance in the world and he would go. And this day, March 29, they were to start on their long journey. Two weeks ago on his return home from the west he spent a day with us all and seemed bright and cheery, with only perhaps a little indecision whether to take that long journey or accept a very fine position offered him in one of our lake cities. It seems, however, he had decided to go to Spokane. His death, or its cause, is and perhaps ever will be a mystery. Life is a mystery and what comes after is still a greater. George had a proud, independent spirit and who will ever know the wounds that spirit received and who will ever know the many kind acts that he extended to his less fortunate brother men, friends or not, for his was a nature most happy when making others happy. We have the deepest sympathy for his stricken wife and family, two sons and two daughters, just growing into man and womanhood.

The writer believes he knew George Fancourt as few did know him. He ad-

mired him for his gifted mind, for his independent spirit and his generous, yet fearless character. We have lost a dear and valued friend and our profession has lost a bright star. He never sought prominence in our trade societies, although well fitted to adorn any office, unselfish to the last degree.

"And e'en his failings leaned to virtue's side."

W. S.

BEGINNINGS IN DESIGN...

THE STANDING CROSS.

The Frame.

In preparing to make a large standing piece, as is pictured here, it is well to have in mind a few hints about selecting the frame. Not only is the broad base essential to the looks of the piece, but also to its ability to stand alone. A cross such as we propose to discuss today is probably four to six feet high. No attempt should be made to construct a small piece after this style. To properly balance a design of this height or over, the base should be almost, if not altogether, as broad as the distance across the arms. Otherwise the upright piece may lean or twist, and give the spectators a very uncomfortable sensation, even if there is no danger of a fall. To guard against any such danger, we have sometimes taken the precaution to have our wire worker extend the cross frame down to the bottom of the base, instead of wiring it to the top of the frame, as is safe enough to do with a light, small design.

A word here in regard to compactness in the construction of floral designs. Never consider a piece finished until it can be handled or shipped without danger of displacing one flower or leaf. The first step in securing this safe condition is the critical inspection of the frame to see that it is well balanced and proportioned. A round base and the ordinary flat frame are used here.

Filling.

Set the empty frame upright before you. Cover the inside bottom of the base with the lining of wood ferns, as was done in the base of the broken column. Next fill the base solidly with sphagnum and wrap over the top as before. It is not necessary to use the best of the wood ferns for this purpose; culls, broken fronds and second class stock will do, although it takes more of them than of good ferns. Often the wood ferns that have been badly wilted may be made as good as new by being plunged in water, frond and stem, and left there over night. Watch these odds and ends. Clean them all up for these purposes, rather than throw them in the trash box.

Now, lay the empty cross down on its back, allowing the base to extend out beyond the edge of the work table, so that the cross itself may lie perfectly flat and not bend the frame. Line the inside of the frame all around with the ferns and fill with sphagnum. Wrap the face of the cross frame with lacings of hemp about three inches apart.

Again place the frame upright ready for the flowers. Cut the picks and prepare the carnations, or whatever suitable background flowers are to be used, in the same way as was done for the broken column. Fill the cross solid with the carnations, precisely as in the case of the main part of the shaft. Cover all sides of the cross, if the price will allow. If not, cover the front and edges.

Trimming.

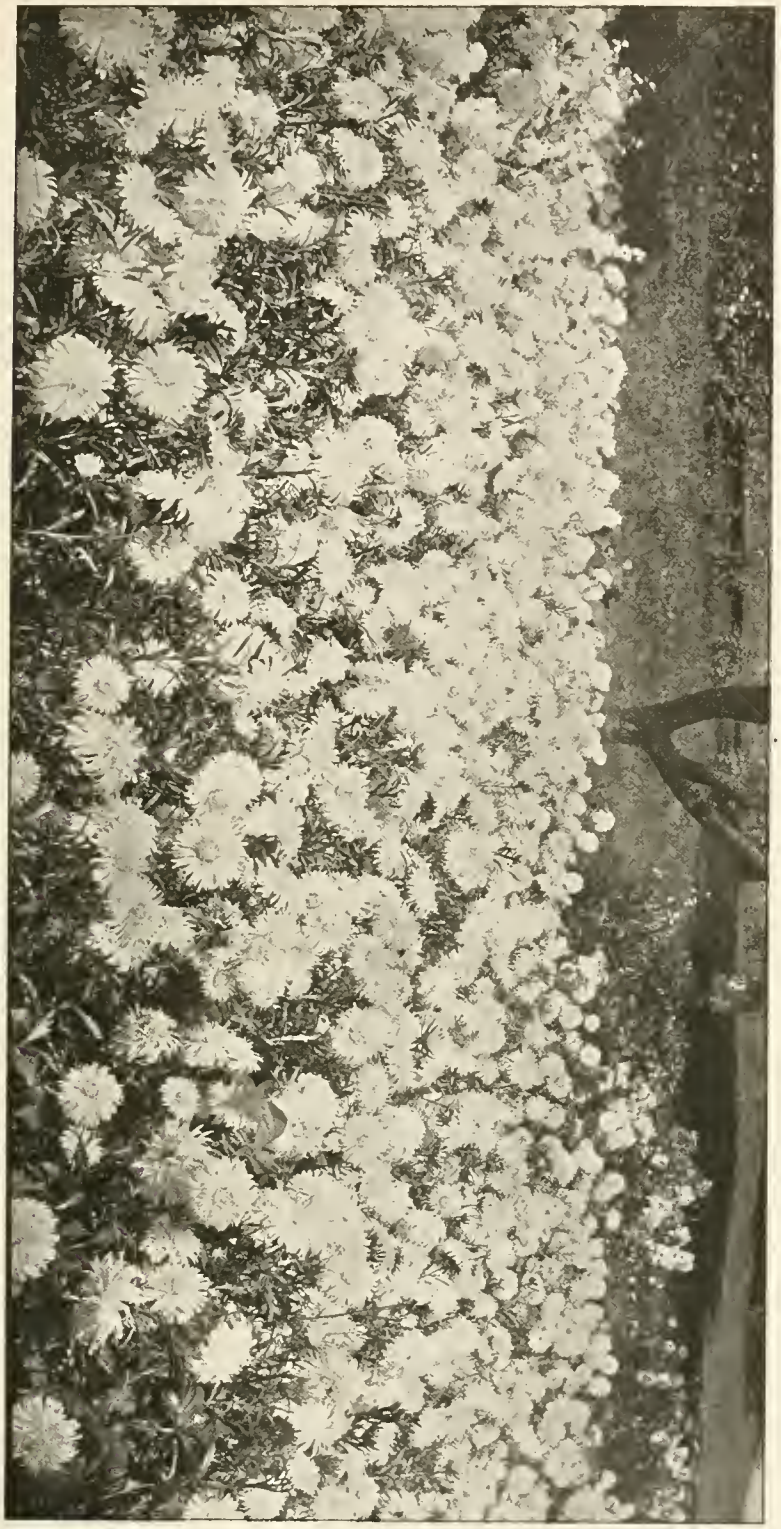
In the engraving there is a garland extending from the right end of the left arm across the center of the cross to the lower left hand corner of the right arm, from that point along the right side of the body of the cross, disappearing, and reappearing a little farther up on the left side, and falling to the base on the same side. The same general instructions as applied to the construction of the rose garland in the last study will apply to any other garland, except that in handling softer stems more care must be exercised to prevent breaking and crushing them.

There is another way of producing this garland effect, besides making the garland completely before fastening it in its place on the piece: Stem the flowers separately on three-quarter picks, leaving their stems four or five inches long. Insert the stemmed end into the sphagnum on the back of the frame, with the flower at an angle of about forty-five degrees to the upright piece of the frame. Let the flower stalk be bent around the frame toward the front, and be fastened in its place with a tie of No. 36 wire drawn so tightly around the body of the frame that it disappears between the background flowers. The flowers on the left side are inserted on the side of the frame, instead of on the back, and are erect. But they will need the same fastening as the others. Continue this garland effect down to the base on the left side, thickening it gradually as it approaches the lower end.

Next cover the base over the sphagnum with wood ferns laid flat, all around, back, front and sides, and extending out several inches beyond the edge.

Many other flowers might be used in trimming the base but they should have stems one to two feet long. To stem lilies, Harrisii and its kind, insert a whole pick half way up inside of the stem from the bottom. If the stem does not split, that is all the work that is needed. But if the stem does split, wrap with No. 24 wire, as you would a rose with No. 36 wire. Stem irises the same way as the lilies, except a little more carefully, as they have softer stems if they are from forced stock. We often find this class of flowers so soft that they cannot be stemmed. In such a case here

The Standing Cross.



The New Aster, Olmstead's White Commercial.

a deep hole in the sphagnum, plant the stem in it and repack the moss hard around it. But this could not be done with any considerable number of flowers together. Instead of grouping the irises and lilies, as was done in the base of the broken column, the base here is filled in all around. A few fall over the edge on the front and sides.

The large leaves used are those of the Cycas revoluta. Many florists use the dried and painted leaves, but it seems to me that the leaves in their natural state are much to be preferred. Wash them and rub vigorously with a woolen cloth and you will get a polish which is far superior to the painted glaze. Sharpen the lower end of the stem and it will be ready for inserting into the base. No artificial stem is needed. Cycas revoluta, as its variety name indicates, throws its leaves out in circular form, and this is the most significant hint we can obtain as to their correct arrangement in the base of the design. Close to the lower end of the cross, push the sharpened ends into the sphagnum as far as they will go, in a circular position, the larger leaves at the back. Relieve the set appearance of the front of the base with a cluster of wood ferns. Stem them in groups, three or four to a pick, around it in a circle, and wired on like the bunches of sweet alyssum, except that their thin, wiry stems may be placed regularly or irregularly on the pick, as is most convenient.

Critical Notes

It would not detract from the richness and dignity of this arrangement to have varied the lengths of stem of the flowers in the base considerably, and also to have grouped the two or three kinds of flowers a little more closely, according to their kind. By this I mean clustering the lilies more nearly together, and the irises by themselves, that is, the bulk of them. Then to relieve the stiffness to which the extreme of this arrangement tends, scatter a smaller number of the two kinds between the groups, and blend the opposite kinds, as a painter blends his various colors into a harmonious whole. A good example of this kind of trimming was seen in the base trimming of the broken column in our last study.

The larger and smaller kinds of flowers in the upper end of the garland change too abruptly. The finer flowers should extend farther down into the larger spray on one side, while a scattering cluster of the larger flowers below should be carried up farther into the fine spray that points the garland.

Going back to the base again if the lilies used are Harrisii or longiflorum, the stalks with buds would be more stately than the individually stemmed flowers. Gertrude Blair.

A NEW WHITE ASTER.

At the Milwaukee convention of the S. A. F. last August one of the exhibits which attracted no little attention was a vase of a new white aster shown by C. A. Olmstead, of East Bloomfield, N. Y. This is now being introduced as Olmstead's White Commercial. Speaking of it Mr. Olmstead says:

The new aster has a stem fifteen to eighteen inches long, slightly curved, bearing the flower gracefully to one side, and of sufficient strength to support the blooms. In size and form it is distinct from all others. With good field culture I have raised hundreds of blooms that were seven inches in diameter, full to the center, and with four to five other large ones on the same plant; but the average size, under outdoor cultivation, is about four and one-half inches, five to seven blooms on each plant. They are of unusual form, pure white and good keepers.

We find the Review essential to a well regulated florists' business.—H. R. Mitchell & Son, Waterville, Me.

Wichita, Kan.—A. T. Buckeridge has several promising seedling carnations, some of which he thinks as good as Mrs. Lawson.

Syracuse, N. Y.—Henry Smith has recently returned from a somewhat lengthy European trip. He is the superintendent of the New York State Fair.

Midland, Mich.—E. C. Thayer has built a greenhouse of 1,800 square feet and installed a steam heating plant. It is a new departure for this town.

THE SPRING SHOW AT BOSTON.

The annual spring exhibition of the Massachusetts Horticultural Society, which closed on March 27, was one of the best the society has ever held. The arrangement was excellent and that the general public appreciated the improvement shown was evidenced by the large attendance on all fair days.

The cut flowers were displayed in the lecture hall and made a fine showing. Roses were shown by only a few exhibitors, but the quality was superb. Waban Rose Conservatories were first for American Beauties, F. R. Pierson Co. being second. In the "any other variety" class Waban Rose Conservatories took first and second with splendid vases of Golden Gate and Ivory. John N. May showed his new rose, General MacArthur, of very pleasing color, but not in the estimation of the judges equal to Liberty. For hybrids Col. Charles Pfaff won all the prizes.

Carnations made a superb show and the quality was first-class. For vase of 100 blooms, six varieties, Wm. Nicholson won with a magnificent vase, M. A. Patten being second and Wilfred Wheeler third. For light pink Wm. Nicholson was first with Enchantress and M. A. Patten second, with the same variety. For third place J. W. Foote won with Fair Maids which beat half a dozen other entries of Enchantress. In crimson Harry Fenn took all the prizes, M. A. Patten, S. J. Goddard and Wilfred Wheeler winning in the order named. Mrs. Lawson monopolized the dark pink class, Mr. Patten taking first place, followed by L. E. Small and E. A. & W. K. Wood. In scarlets M. A. Patten won first and second with Adonis and J. H. Manley, L. E. Small being third also with Manley.

In a good class of whites Wm. Nicholson won with his fine Governor Wolcott, H. A. Stevens being second with the same variety and M. A. Patten third, with Boston Market. For yellow Patten was first with Dorothy Whitney, Backer & Co. being second with Eldorado. E. A. & W. K. Wood won on variegated with Gaiety.

For pansies Mrs. E. M. Gill and J. R. Comley won. Violets were not so well shown as usual. For 100 Campbells N. F. Comley, Malcolm Orr and George Melvin won. N. F. Comley, and J. A. Beebe had the best Marie Louise. For any other double N. F. Comley took first and second with Neapolitan and Swanley White. For 100 singles Wm. Sim was easily first, N. F. Comley second and Geo. Melvin third, all showing Princess of Wales.

For the best display of cut orchids, Peter Murray, gardener to W. P. Winsor, won the Appleton silver gilt medal with a fine display of 120 bottles. Geo. Melvin, gardener to Col. Chas Pfaff, won the silver medal.

There were numerous miscellaneous exhibits. A few of the best were: Chester Roper carnation from A. Roper, the raiser of the popular Fair Maid, a beautiful variegated variety of pleasing form, awarded a certificate of merit. White Lawson from F. R. Pierson Co. received a similar award. This is not as pure a white as could be desired, but it will doubtless sell well, thanks in a large part to its name. John N. May's new variety, The Bride, received honorable mention. It is not equal to L. E. Small's seedling white, No. 3, which received the same award. S. J. Goddard's seedling, Helen Goddard, received honorable mention. It is just the ideal carnation in form, of good size and is a fine rosy pink color. This variety, as well as Mr. Small's seedling, will no doubt receive a higher award at some future show. Other seedlings were shown by A. Roper and Miss E. J. Clark, John Ash, gardener.

Peter Fisher showed large vases of Mrs. M. A. Patten and Nelson Fisher of his usual high quality. M. A. Patten also showed 100 handsome Mrs. M. A. Patten. The same exhibitor showed some fine zonale pelargoniums. William Sim had large vases of magnificent sweet peas, Mont Blanc and Blanche Ferry, receiving a cultural commendation for the same, also splendid Princess of Wales violets. Mrs. S. M. Sears showed Gardenia florida and Mrs. E. M. Gill a miscellaneous display.

The display of pot plants was quite extensive, entirely filling the large exhibition hall as well as part of the loggia and lecture hall. In the classes for bulbous plants the most successful competitors were E. A. Clark, Wm. Riggs, gardener; the Bussey Institution and Mrs. J. L. Gardner, Wm. Thatcher, gardener. Cyclamens were again up to Boston's high standard, plants in 10-inch pots carrying 150 to 200 blooms each. Cinerarias were also of splendid quality. The leading prize winners in these classes were Geo. F. Fabyan, James Stuart, gardener; E. A. Clark, Wm. Riggs, gardener; E. J. Mitton, J. Lawson, gardener, and Mrs. J. L. Gardner, Wm. Thatcher, gardener. For six Azalea indica prizes went to E. W. Breed, E. McMulkin and J. A. Beebe. For six ericas, Louis Dupuy was first. M. H. Walsh was first and second for specimen rose with large, grandly flowered specimens of his new ramblers, Sweetheart and Lady Gay. T. D. Hatfield, gardener to Walter Hunnewell, had a superb display of amaryllises, filling a long table. He secured first for ten plants.

For specimen orchid, W. P. Winsor won with a piece of Odontoglossum Rossii majus, carrying forty flowers. Col. Chas. Pfaff and E. J. Mitton followed, each showing Dendrobium nobile. For general display of spring bulbs and plants the Bussey Institution was first with a capital assortment well grown. The same exhibitors had ten large tables filled with a display of forced shrubs, native plants and plants in bloom which was extremely interesting. R. & J. Farquhar & Co. had an extensive, beautifully arranged bank of bulbous plants intermixed with palms, Isolepis gracilis, panicum and lycopodium. Robert Cameron, from the Harvard Botanical Gardens, put up a fine group of palms, Primula obconica, some 200 plants of the latter; imantophyllums, etc. Included was a big specimen of Echinocactus Visnaga which received a botanical certificate. T. D. Hatfield had a similar award for Amorphophallus Rivieri, a mammoth aroid.

Julius Roehrs had a circular group of palms, orchids, anthuriums, etc. A rather scarce palm Livistona Woodwardii received honorable mention. Louis Dupuy had a well-grown group of ericas, marguerites, hydrangeas, genistas, etc. Hydrangea Hortensis rosea received a certificate of merit. If it holds its bright pink color for any length of time it will be a decided acquisition. E. W. Converse, Robert Marshall, gardener, had a fine group of palms, cyclamens and Primula obconica.

F. R. Pierson Co. showed for the first time their new sport from Nephrolepis Piersoni, which was greatly admired. Mr. Pierson thinks bipinnatifida would be a good name to describe the plant, but a shorter and more catchy one would be better. The plant received a certificate of merit and may score higher if shown again. The general opinion was that it was a better thing than N. Piersoni but that it was perhaps too dense to please some.

J. E. Rothwell had a fine display of orchids, including odontoglossums, oncidiums, cypripediums, etc., arranged with adiantums. Lager & Hurrell had an extra good display of orchids, which comprised most of the seasonable varieties. Their dendrobiums were extra good and the quality throughout up to the firm's usual excellence. E. O. Orpet, gardener to E. V. R. Thayer, showed several seedling orchids, one of which Cattleya x Katherinæ (C. Warneri x C. Schroederæ alba) received a certificate of merit. J. S. Bailey, J. Nylan, gardener, contributed a group of dendrobiums.

Last but by no means least, M. H. Walsh put up a magnificent group of beautifully flowered specimens of his new seedling rambler roses, covering nearly 1,000 square feet of space. Many of these plants were in tubs, six feet high and as much across, and it must have been a considerable task to transport them from Woods Hole in such fine condition. Certificates of merit were awarded to the varieties Wedding Bells and Babette. Other varieties shown included Sweetheart, Minnehaha, Lady Gay, La Fiama, Debutante and Hiawatha. These have already received recognition from the Massachusetts Horticultural Society. It is a pity the American Rose Society could not have enjoyed this unique exhibit.

W. N. Craig.

BUFFALO.

Various Items.

March came in like a lion and according to the old saw should go out like a lamb. But it has been more like a polar bear throughout the month and at this moment reminds one of a sea lion basking or barking in the sunshine on top of a slowly melting iceberg. Sunday a snowstorm and the mercury down to 10 degress above, yet "Hope springs eternal in the human breast, Man never is, but always to be, blest." Those immortal words were written about 160 years ago and human nature is just the same as it was then. Behavior may be better? When hope vanishes we are lost and gone and life worth living is extinct. We are creatures of the climate we live in and while the rigors and vicissitudes of our northern clime are trying to comforts, as we look upon them, it makes hardy vigorous, industrious, ambitious men that dominate the world for its betterment, only don't go much farther north than the wheat fields of Manitoba or you will become a musk ox or blubber eating Eskimo.

Hope is springing very lively just now that Easter will be a good, rich harvest and if the elements favor us I believe it will. There are a great number of good plants, home grown, to supply the expected call and, if they are not sufficient, Mr. Kasting has gathered together an enormous stock of everything desir-

able in his new and more than capacious quarters on Ellicott street.

W. J. Palmer has a splendid stock of popular plants. S. A. Anderson has a fine lot of lilies and azaleas. J. H. Rebstock is good all around and particularly strong in hybrid roses and Ramblers. Mrs. Schoenhut's four or five houses are crammed with Easter stuff. D. R. Newlands Co. has lilies, azaleas and bulbous stuff in good order and the William Scott Co. has plenty for its own trade and some to spare.

Then there are the growers of Williamsville, East Aurora, Corfu, Pineridge and other neighboring towns, all contributing, so there is not likely to be a scarcity.

I have not heard of any marked specialty this year except that Dennis O'Connell has gone heavy into standard shamrocks grown in the fossil hoofs of the great extinct Irish elk. James Buxton has made a feature of 6-inch pans of Venus' fly trap (Dionæa muscipula). This is not a showy plant, but it is one of those interesting vegetable creations that enabled the great and immortal Darwin to write his last great work, "Insectivorous Plants" and philosophical students will undoubtedly prefer these pans to a gaudy azalea.

I am scarcely able to say much about cut flowers. We are inclined to think there will be an abundance. We are just about as others report on Beauties, lots in sight but two weeks more would have suited them better. If people want violets they can have them and moderate in price. Carnations are likely to be again the most popular flower with the majority and the home-grown product is in fine order. Bulbous stock is never a strong feature at Easter, but there is lots of it. Golden Spur, Emperor and Empress narcissi are taking well this year.

The Lakeview Rose Gardens, of Jamestown, with their acres of Easter plants, are likely to have an influence on our local trade, but there are some plants, notably lilies, that are difficult to ship by rail.

Mr. Slattery, late of Byrne & Slattery, is now with W. J. Palmer & Son, at the old store. This greatly strengthens Mr. Palmer's force.

Michael Bloy, late of the Essex Greenhouses, near Cleveland, is in town resting on his laurels, not like Micawber, waiting for "something to turn up," but contemplating which of the many flattering offers he will accept.

The William Scott Co. has leased for a term of years the greenhouse lately vacated by Wm. Legg, on Delaware avenue, near the entrance to Forest Lawn cemetery. When a sewer is put in, and a heater, and a general overhauling given, it will be quite a place.

Harry Bunyard and Mr. Kasting called Sunday evening on their return from a visit to Friend Christensen in the wilds of Eggertsville. Harry charmed our home circle with his puns and witticisms and metropolitan brightness.

I wish sincerely a most prosperous happy Easter for all. W. S.

THE McCARTHY ESTABLISHMENT.

The accompanying illustration shows a greenhouse erected for N. F. McCarthy & Co., Wakefield, Mass., in 1902. It was built of Lord & Burnham Co.'s improved iron frame construction covered with cypress capping. The rafters are fastened to cast iron foot pieces which extend about two feet below the grade line. A galvanized iron eave plate runs the whole length of the house on either side. To this eave plate the sash bars are fastened by patent sash bar clasps. There are two continuous lines of top ventilating sashes which are three feet wide and are operated by the Lord & Burnham Co. self-oiling apparatus. The ventilators, as well as all the other wood work, are of the best quality cypress. This is in every sense a modern greenhouse, from which good results are obtained.

BOSTON.

The Market.

Conditions are not materially changed, the market being well supplied with all kinds of flowers. A number of large parties and charity fairs have materially assisted in preventing a glut. Roses, carnations and violets are cleared out tolerably well, but there is far too much bulbous stock. Prospects are for an extra good Easter trade. Lilies are being offered at from $12 to $15 per 100. Some warm days have helped backward stock, but many plants will not be in season.

Various Items.

A large delegation of growers and other invited guests visited the establishment of W. W. Edgar, of Waverley, March 23, to view Mr. Edgar's annual Easter display. Everything was found in fine condition, two houses of lilies containing 7,000 plants being extra fine. Genistas, Rambler roses, acacias, marguerites, hydrangeas and other seasonable stock was all good.

The annual spring show of the Massachusetts Horticultural Society brought many visitors from a distance. Next year when the Rose Society meets with us we will expect many more and will show them what Bostonians can do in the way of an exhibition. Walsh's rose exhibit at our last show would have been a revelation to many rose growers. Seeing that we have now secured both the chrysanthemum and rose societies for 1905, we would be selfish if we begrudged Chicago the carnation convention next year, knowing that it is pretty sure to come our way in 1906. The committee of arrangements voted to dispense with music at our late spring show. An increased attendance over 1903 showed that flowers were more of a drawing card than music.

Popular Easter plants promise to be lilies, Crimson Ramblers, azaleas, acacias, ericas, Spiræa compacta and S. astilboides, hydrangeas, bulbous stock in pans and yellow marguerites.

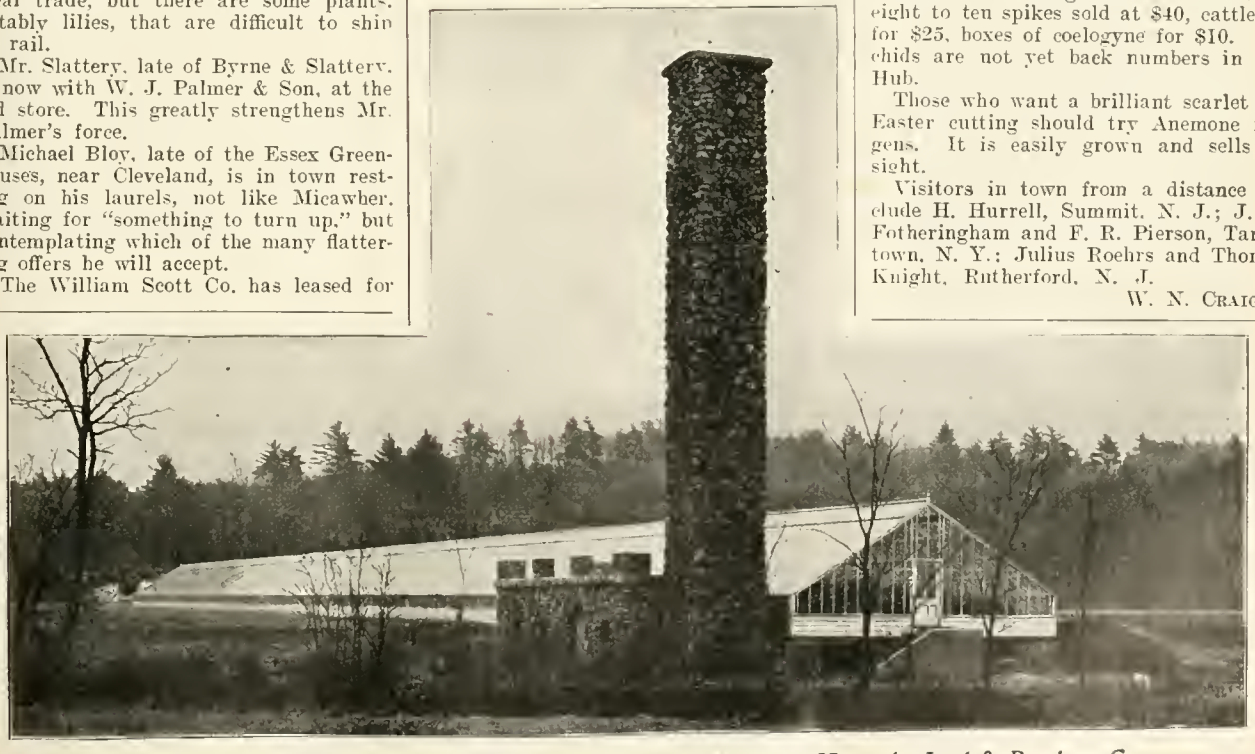
Poinsettias are not usually counted upon as Easter flowers. Houghton & Clark displayed a large vase of these the past week, which were well preserved.

At a charity fair held on March 25, at the Hotel Vendome, some fancy prices were realized for cut flowers. Orchids sold well. Odontoglossums in boxes of eight to ten spikes sold at $40, cattleyas for $25, boxes of coelogyne for $10. Orchids are not yet back numbers in the Hub.

Those who want a brilliant scarlet for Easter cutting should try Anemone fulgens. It is easily grown and sells on sight.

Visitors in town from a distance include H. Hurrell, Summit, N. J.; J. R. Fotheringham and F. R. Pierson, Tarrytown, N. Y.; Julius Roehrs and Thomas Knight, Rutherford, N. J.

W. N. Craig.



House Erected for N. F. McCarthy & Co., at Montrose, Wakefield, Mass., by Lord & Burnham Co

ST. LOUIS.

The Market.

The past week found everything in the cut flower line very quiet and there was more fine stock than the demand had any use for; it was a pity to see a lot of extra fine, long Beauties going to waste in the wholesale market. The same may be said of bulbous stock, including Harrisii and callas. Prices are rather high for the amount of stock that is coming in, but the wholesalers will not come down on the price, except on large lots. Of course this (Easter) week prices will go up somewhat on choice stock, but not much if the cut stock comes in as it has been doing.

During the past week extra select Beauties sold as low as $3 per dozen and fine stock was offered at $2 per dozen. Brides and Maids have also been rather plentiful and cheap for the quality. Meteor, Liberty and Perle sold slowly. The supply of carnations was heavy. Fancy, unless extra fine, sold at $3 and good common stock at $1 to $1.50 per 100. The cut at present is very heavy and there was a great accumulation of surplus stock. There will be no shortage in bulb stock this week, as the market shows plenty of everything in this line.

There is a good deal of speculation as to the Easter supply for the end of this week. Those who have canvassed the vicinity say there will be plenty of Harrisii for the local demand in both cut flowers and plants. A big lot of violets went to waste last week and sales on them were very slow at 25 and 35 cents per 100. Sweet peas too are over-plentiful; white are selling fairly well, hardly any sales for pink. Smilax is still selling well, with not enough for the demand. Common ferns are selling at 35 cents per 100, other greens as usual.

Various Notes.

Arnold Ringier, of W. W. Barnard & Co., Chicago, passed through here from California going east.

S. S. Skidelsky, the man who sells everything in the florists' line, spent several days here last week. Charlie Ford is also making the rounds of the trade.

A. C. Canfield, of Springfield, Ill., made friendly calls the past week among the trade.

L. Coatsworth and friends, of Chicago, spent Saturday with us, calling on the trade and visiting the World's Fair grounds.

B. H. Walker was in town selling the McCray Florist Refrigerators. Mr. Walker reports trade good in his line.

Henry Berning is the latest victim of the grippe. Mrs. Berning is also sick at their home. During their absence Julius Koenig and Otto are running the place.

President D. R. Francis, of the Louisiana Purchase Exposition, claims that when the company took Forest Park it was with the understanding not to return it as they found it, but to improve it after the Fair. But the Board of Public Improvements, which met last week, says they must give a $550,000 bond to restore it as they found it, and that should settle the question.

Theo. Miller, on Delmar avenue, is showing some extra fine blooming plants for his Easter trade.

Fred Weber and John Steidle returned from West Baden, Ind., last Wednesday, looking very much better in health.

C. Young & Sons Co. are making a grand display of blooming plants this week, their Harrisii being exceptionally fine.

The Riessen Floral Co. reports large church decorations for this week and plenty of orders ahead for Easter.

Kalisch & Sons, at Taylor and Delmar avenues, are showing a lot of Easter plants hard to beat. The boys report trade good.

Fred Weber's show house is a sight to behold this week; the finest of everything in Easter stock at this place.

F. H. Weber, on Maryland and Boyle avenues, is also in line with some well-grown Easter stock and a fine show of cut flowers.

At the next meeting of the Florists' Club, on April 14, at 2 o'clock, every member attending will be presented with a fine souvenir. A large attendance is expected. Essays by George Windler and John Stiedle will be very interesting. Chairmen of all committees are requested to report at the hall at 1:30 to meet the vice-president and superintendent of trade display of the S. A. F., to review the report of the executive committee and receive instructions as to their duty from then on.

Bowling.

On Friday last the Florists' bowling team suffered defeat at the hands of the Rosedales on the Palace alleys. The florists won the first game, making 900 pins to the Rosedales' 763, but bad breaks in the last two games lost the match for the florists. A number of other matches will be rolled after Easter with strong local ten-pin clubs about the city.

The two teams of the Florists' Club rolled a match game on Monday night with the following results:

Player.	1st.	2d.	3d.	T'l.
Kuehn	204	183	163	560
Beyer	127	171	185	471
Meinhardt	134	138	158	420
Beneke, Jr.	149	147	146	442
Weber, Jr.	158	167	158	483
Totals	772	804	810	2376
Player.	1st.	2d.	3d.	T'l.
Beneke, Sr.	135	181	169	485
Miller	151	168	140	459
Adels	182	173	182	524
Ellis	180	173	182	535
Weber, Sr.	141	126	140	407
Totals	799	821	800	2410

J. J. B.

INDIANAPOLIS.

On March 25 this city was visited by the worst flood in its history. For thirty hours it rained incessantly, causing all the creeks and the river to leave their banks and cover all the low-lying land. Nearly all the florists' places are on high ground, however, and all escaped injury except J. Buheit and Dow at Broadripple. Both had their boiler cellars filled and were unable to fire for several days. Buheit reports $50 damage on flowers and plants that were stored away for Easter. The mercury dropped to 22 degrees on Monday morning, but both kept the frost out with stoves, lamps, etc. The city water was cut off until Tuesday and some had a tough time getting water into the boilers. At this writing everybody is running in good shape again, and busy getting ready for a big Easter trade. A. B.

I have always found your paper a very good value for a dollar.—G. H. Mills, Toronto, Ont.

CHICAGO.

The Market.

This week did not start off as well as had been hoped. Supplies of stock were larger than had been expected and showed a considerable increase over last week, which was something of a surprise, for it was thought that the growers would be holding back large quantities for the Easter rush. As a matter of fact the low quality of much of the stock received Monday and Tuesday would indicate that considerable sorting and storing was in progress. If the producers were able to work off their low grades early in the week and have the good stock for Thursday, Friday and Saturday, they will be fortunate, for there will be none too much first class material, judging from the number of orders on file.

But the result of so much material coming on in the last few days, much of it poor, has been that, with a fair demand, good stock has been at a premium, with the bulk of the receipts standing around and selling cheaply. There is no possibility of enough Beauties for the week's business, the only thing to prevent a considerable advance over quoted prices being the reluctance of the buyers to pay fancy figures at Easter. Liberty and Meteor orders, too, will go out short, but there will probably be enough Brides and Maids to go around where the shipper is given some latitude as to quality. There will not be cream for all. There are likely to be all the common carnations the buyers want, with good prospects for a shortage of the 5-cent grade, for orders are very heavy.

There need be no alarm about not having enough lilies but the discussion will come on the question of quality. There are a great many that are small and short, so that there is likely to be a wide range of prices and somebody is pretty sure to feel that he has got the worst of it. Bulbous stock was still a glut at the beginning of the week and violets were very poor property. It will remain for Saturday to show whether there is life enough left in them for a spurt at the finish; otherwise it will have been a mighty poor season for the violet growers.

Stock has not been carrying well in this damp weather and the floods have delayed some shipments. It is to be hoped the elements will be kind for the next few days.

Various Notes.

Leonard Kill has been devoting his spare time to electioneering for his brother-in-law in the twenty-sixth ward. The boys in the market relate that he spent, the other evening, about four hours and $17, more or less, in the effort to convert two gentlemen he met in a quiet place out near the greenhouses; they were much interested but shook their heads sadly and regretted that they "could not vote for Mr. Reinberg." After the forty-seventh round, or was it only the forty-third, on being pressed for a reason why they could not vote for the carnation candidate, one of them confided: "Well, we must be going. You see, we live in Kansas City." The election is next Tuesday and every florist who lives in the ward will vote early

Demands for Easter
are very heavy but we have

Large Supplies

In all departments and will take good care of all your orders.

If you find yourself running short, wire us, or call us up on the long distance telephone and we will help you out if stock is to be had in this market.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

EASTER PRICE LIST

	Per doz.
AMERICAN BEAUTY, 30—40-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
15-inch stem	2.00
12-inch stem	1.50
Short stem	$6.00 to $8.00 per 100
	Per 100
Brides and Maids	$6.00 to $10.00
Meteors and Gates	6.00 to 10.00
Perles	6.00 to 10.00
Roses, our selection	5.00
Carnations	4.00
" large and fancy	5.00 to 6.00
Violets	.75 to 1.50
Valley	3.00 to 4.00
Romans, Paper Whites	3.00 to 4.00
Tulips	3.00 to 5.00
Callas, per doz.	$1.50 to $2.00
Harrisii, per doz.	$2.00 15.00
Asparagus, per string, 30 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000, $3.50	.40
Galax, per 1000, $1.25	.15
Adiantum	1.00
Smilax, per doz., $2.50	
Leucothoe sprays	1.00

Subject to change without notice.

himself and see that all his friends vote for Mr. Reinberg.

There was a meeting of the Horticutural Society of Chicago at P. J. Hauswirth's on Tuesday afternoon. The fall show was the principal topic for discussion and it was finally decided to leave the whole matter to the executive committee. If the committee can find a suitable hall there will doubtless be a good show, otherwise none at all.

Joe Curran has bought the Michigan avenue store of Johnson & Swan, taking possession March 28. Mr. Johnson states that an agreement has been made whereby he will buy out John Mangel shortly after Easter. Mr. Mangel has not enjoyed his usual good health for several months and is thinking of spending the summer in Greece.

Fire attacked the block at the corner of Wabash and Adams street Tuesday and the department flooded out the New York Floral store in the basement. This is the headquarters of an aggregation of shrewd merchants who are said to do a large business in buying up surplus lots around the market, shipping the stock to their confreres in several smaller cities.

E. E. Pieser says that he expects the Easter trade to foot up ahead of any previous year, with a lively scramble for good roses and carnations before the week is over. He calls attention to the fact that all orders are for a greater proportion of carnations than ever.

The big wind at Morgan Park last week blew down Singler Bros.' tall chimney and broke quite a little glass. It also took off John Turner's windmill, breaking some glass. Out at Evanston, the floods got into some of the boiler rooms, making much trouble.

Clifford Pruner, who has been at his home in Ohio since the holidays, is in town for a few days. He has nearly recovered his health.

The express companies have declined to give the wholesalers a wagon after six o'clock this week and late orders will have to be hustled to the trains the best way they can.

The tailor over John Mangel recently moved out and Mr. Mangel has the store for a plant annex this week.

The George Wittbold Co. now has a down-town retail stand in Kaempfer's, 88 State street. They have a fine house of lilies for this week.

James Paulsen will shortly turn his place over to his grower and remove to Virginia to make his home for a time.

Carl Niemann, president of the Gardeners' Union, will shortly leave the West Parks to go into business for himself at Norwood Park, where the family owns some real estate and where a beginning will be made at carnation growing by building two 125-foot houses this spring.

Mrs. Annie Kreitling Kochman has taken the business of Walter Kreitling & Co. and will continue it. She has been in the store right along and is well qualified to make the business a success.

There is considerable complaint among growers that the longiflorums are short and poorly flowered. Sam Pearce says that the late, well ripened bulbs are the best but that the essential is to let the plants make a good root growth before any attempt is made to force them.

Albert F. Amling is planning another addition to his range this spring, short-span houses set on Garland iron gutters.

Frank Garland expects to cut 10,000 lilies this week.

Wietor Bros. are getting in fine, long-stemmed sweet peas, selling readily at $1.50 per hundred.

Mrs. Horton, of Bassett & Washburn's, lost her mother last week, her illness having been prolonged. Mrs. Horton has many friends in the trade and they all sympathize deeply with her in her grief.

The E. F. Winterson Co. is doing quite a business in dormant rose plants.

Carl Thomas says the A. L. Randall Co. will get in 100,000 carnations within four days this week.

C. W. McKellar is handling the Easter chickens and finds the moderate priced ones ready sale, but hardly anybody wants to pay over $4 a dozen.

PHILADELPHIA.

The Market.

There is marked activity in the cut flower centers, with carnations advancing in price and a considerable scarcity of greens, especially smilax, as features. The probability of a shortage in good lilies is generally admitted. Still it is improbable that prices will stiffen much on this staple Easter flower. Choice carnations are promised in quantity, with prospects of a brisk demand. The outlook for roses is fair, but hardly as bright as for lilies and carnations. Smilax is eagerly sought, very ordinary stuff bringing fancy prices. The condition of the violet and daffodil supply is a little uncertain. Neither are coming in freely, but there is a growing suspicion that they may sweep down in torrents before the week is out.

Easter Plants.

Reports gathered from various sources agree that a very large business has been done in blooming plants during the past fortnight. It is stated that most of the wholesale growers were unable to accept orders early this week, some varieties of stock being very difficult to obtain. It can be safely said that this Easter is a good one from the growers' standpoint in so far as the selling of the finished stock is concerned. Of course the expense of production has been high and in many cases too large a percentage of plants have not been ready in time.

The Show.—Continued.

The groups of Cineraria stellata were features in the main hall at the exhibition last week. The improvement in the culture of these plants during the last few years has been very marked. The central group arranged around a half dozen columns by the Wm. Graham Co. was much admired. In azaleas there were some handsome specimens in large tubs, evenly flowered and prettily contrasted in color. In genistas there were four fine specimens that attracted attention. In spiræas, the variety Gladstone was covered with large blooms. Nearby was the pink variety, Palmetto, seen in two shades of that color. Wm. Robertson showed some very fine Cineraria hybrida. Two groups of well-grown geraniums in half a dozen distinct varieties were shown, besides many other choice plants.

The H. A. Dreer Co. showed a plant of their pretty Asparagus myriocladus. In bulbs there was a large assortment of well grown hyacinths, narcissi and tulips in pans and in pots. One of the latter, Raphael, is a double variety of a very pretty shade of pink somewhat resembling Murillo. James Bell exhibited Chrysanthemum segetum bearing many large flowers. Albert Woltemate

When in doubt as to where to send for your **Cut Flower wants for Easter** bear in mind that we receive the daily cut from

40 GROWERS, and are handling some of the finest **ROSES, CARNATIONS, VIOLETS and BULBOUS STOCK** coming into this market.

Our prices will be found consistent with ruling quotations here.

TELEPHONE, TELEGRAPH or WRITE at the last moment if necessary, we will look after your interests.

E. F. WINTERSON CO.

E. F. WINTERSON — JOHN P. DEGNAN — L. H. WINTERSON

Successors to McKELLAR & WINTERSON.

45-47-49 Wabash Ave. Established 1894 **CHICAGO**

showed a prettily trained plant of cape jasmine covered with blossoms. Wm. Wunder, of Pittville, Pa., brought a bunch of a pale pink sport from Bridesmaid, very distinct. The Henry F. Michell Co. made a fine exhibit of their stock on the lower floor.

The Rose Society.

The features of the rose society's annual meeting were the paper and discussion on grafting, which was very instructive, and Dr. Huey's paper with colored illustrations of outdoor varieties. Boston was chosen as the place for next year's meeting and Alexander Montgomery, of Natick, Mass., as the new president. The other officers chosen were: Vice-president, F. R. Newbold, Poughkeepsie, N. Y.; treasurer, J. N. May, Summit, N. J., and secretary, Leonard Barron, New York City. A number of special prizes were promised for next season's show.

The Rose Banquet.

Fully seventy-five rose growers, wholesalers, florists, seedsmen and visitors gathered at the invitation of the Florists' Club to do honor to the American Rose Society. For a full account of who were there and what things, both witty and wise, were said I must refer you to another column.

Various Items.

Leo Niessen reports an excellent demand for wild smilax.

William P. Craig opened a florists' shop at Tenth and Chestnut streets last Monday, just for Easter. He has been doing a plant commission business in the past few weeks.

Chas. F. Edgar & Co. have had gratifying returns from their first Easter price list.

A prominent bulb grower was in this city recently, trying to locate a grower whom he had been assured wanted 50,000 Von Sion narcissi. He left bound for New York and Boston to continue his quest.

Miss Eisele, daughter of J. D. Eisele, vice-president of the H. A. Dreer Co., has happily recovered from a severe illness.

Berger Brothers have an attractive horse and delivery wagon on the street. John Berger made a flying visit to New York this week.

The price of hardy ferns has advanced from $2 to $2.50 per 1,000.

Floral Life recently published a very prettily written account of the violet plant of Francis Bloomer, by Miss Beatrice Clayton. PHIL.

NEW YORK.

The Market.

The weather turned unseasonable towards the end of the week and the market has showed no improvement whatever in values up to this writing, in fact, only accentuated the fact that the week before Easter is always one of the dullest of the year. The finest Beauties often failed to go above 15 cents and 8 cents was high water mark for Brides and Maids. Special violets were glad to touch 35 cents a 100. Bulbous stock is still overwhelming in quantity and shipments of narcissi from the south add to the depression. Some rumors of a let-up in shipments were heard and the old fear of pickled stock is again in evidence. It seems some growers never will learn the lesson. If the practice is continued, then it will be a plant Easter again more pronounced than ever. But if stock is shipped regularly and the demand is not "starved" during the early days of the week, the demand for cut flowers of good quality at reasonable prices will find the market completely depleted on Saturday. The retailers will again do their share in replacing the cut flower department of the Easter trade where it belongs.

Death of G. E. Fancourt.

The sad news of the death of Geo. E. Fancourt, of Wilkesbarre, Pa., reached New York on Monday evening, and was a great shock to his many friends in this city. He had made every preparation for his trip to Spokane, Wash., and his sudden taking away is much deplored. A widow and four children are left to mourn his untimely death.

Various Notes.

The retail stores everywhere in the city were made very attractive for Palm Sunday, the plant decorations in many of the shops being elaborate. It remains for Thursday of this week to demonstrate what the plantsmen around New York have accomplished. There will be no scarcity of anything. Novelties are in evidence, in boxes, vases and unique designs in decorative material. No wonder it takes an extraordinary flower show to draw the New Yorkers in the fall when they can "without money or without price" see this week the greatest of flower shows.

Elliott will have his regular auction on Good Friday, selling blooming plants for Easter. Importations of rhododendrons, roses and evergreens, are large and the interest in his semi-weekly sales is growing and the attendance increasing. Cleary's horticultural hall, 62 Vesey street, is also bidding for a share of the auction patronage.

Lansing, Mich., rejoices in the liberality of the Lord & Burnham Co., whose donation to the horticultural department of the college there of a model greenhouse, is heartily appreciated.

The lily shipments from Bermuda are here on time, to cheapen the legitimate stock. Poor enough stuff most of this is, but its influence is a menace to the regular grower whose crop in many places is still, with the dull weather prevailing, a most uncertain quantity.

A new wholesale cut flower house is making a bid for a share of Brooklyn's patronage. Beake & Crist is the title of the firm, and headquarters are at 26 Boerum place.

J. O. Hanft, of Hanft Bros., returns this week from the south after a long stay, fully recovered. This firm had the big Rice wedding at Delmonico's last week, in which lilies and daisies comprised the decoration. A large funeral order Saturday included a pall containing 15,000 violets.

Warendorff had a window crowded last week with his dollar boxes of roses and tulips, a scheme that seemed to make rapid inroads on the surplus.

At the next meeting of the Florists' Club, April 11, one of the representatives of the horticultural press will read a paper on "The Easter Business in New York," and at the May meeting William Elliott will make an address on the "Idiosyncrasies of the Auction Business," a subject many years of experience enables him to treat from every standpoint. He will especially elaborate the humorous side of the question.

LIBERTIES

One of our largest and best growers was just a week late for Easter with a splendid crop of Liberties. We can supply large quantities of fine, long stock for the next two or three weeks. Plenty for all. Send in your orders.

WHITE LILAC

The same high grade stock we have been handling in quantity for several weeks; also some Purple Lilac. We are headquarters for this specialty.

All cut flowers in season. We solicit your correspondence in reference to any large amounts of any kind of stock you may need.

A. L. RANDALL CO., 19-21 Randolph Street, CHICAGO

Mention The Review when you write

The department stores announce the opening of their sales of hardy roses, shrubs, seeds, bulbs, etc., this week and the descriptions given of the various varieties are more than amusing. But the amount of stock sold by these big houses in this way is enormous.

The New York Market Florists' Association has taken a lease on the grounds of the old market at Canal and West streets, and will erect tents for the accommodation of its members.

The handsome manager of the Cut Flower Co., Joseph Millang, was erroneously styled the "lily king" in last week's issue; the "Beauty king" is his acknowledged title.

The engagement is announced of S. E. Bennett, of Rockville Center, and Miss Winnifred Gifford, of Toledo, O. The wedding will take place in October.

Robert McLeod, gardener for R. C Vanderbilt at Newport, was killed in a runaway accident March 23.

Bowling.

The prize bowling contest Monday evening did not attract as large a proportion of the membership as was expected. Eight of the faithful were on hand and the evening was hugely enjoyed. There were several interesting diversions. The prizes were won by the following scores and the selections were made from the packages without a knowledge of their contents:

Lang	184	Prize $2 cash.
O'Mara	152	Handsome calendar.
Gibbs	133	Silk scarf.
Frank	117	Pearl handled umbrella.
Shaw	101	Gold scarfpin with pearl.
Nugent	95	Silk suspenders.
Elliott	85	Bisque match safe.

All prizes were announced to be in value $1 and over, and several were more than double. The score indicates the nervous intensity of the struggle for first honors. The other games of the evening follow:

Lang	139	166	216
Ford	157	156	160
O'Mara	143	145	136
Frank	153	140	129
Gibbs	134	109	155
Shaw	124	145	127
Elliott	125	102	92
Nugent	99	102	106

J. AUSTIN SHAW.

HERKIMER, N. Y.—James F. Barclay finds that he can do well with tomatoes as a little side line in the greenhouse.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$6 00
36-inch stems	5 00
30-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
15-inch stems	2 00
12-inch stems	1 50
Short stems	1 00
Bridesmaids	per 100, $6 00 to 10 00

	Per 100
Bride	$6 00 to $10 00
Ivory	6 00 to 10 00
Liberty	8 00 to 15 00
Golden Gate	6 00 to 10 00
Perle	6 00 to 8 00
Carnations, good	4 00
" fancy	5 00 to 6 00
Harrisii	per doz., $2.00 15 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

AN AMERICAN PEONY GROWER.

H. A. Terry and James Kelway have for more than thirty years been engaged in improving the peony and each has given to the world some fine new kinds which have added much to our collections of choice flowers. I have about eighty kinds from each and for years have had a chance to compare them. At first, as I had to pay about four times as much for the foreign sorts, I thought they must be much better than the "home made" varieties. But I find that Mr. Terry's average up very well with Kelway's. Many of them are of exquisite and delicate beauty.

His Pallas is a marvel among peonies, a two-storied affair. Among the whites it is hard to beat the delicate Clara Barton, with its transparent, tissue-like petals, or his La Reine. Crimson Queen is very fine and his Grover Cleveland a wonder, crimson petals packed together in a solid ball, the most compact of the whole family. If you want a dainty, fragrant little thing take his Morning Star.

Why has one grower a world wide renown while the other is known only locally? The difference is in the use of printers' ink. Mr. Terry's list, in its descriptions, is only a bare statement of fact and reads like the demonstration of a problem; Kelway sets off his beauties in glowing terms. I do not think Mr. Terry ever had a photograph taken of any of his marvelous flowers. I often visit this grand old man, for he is now about 78 years old, and when the horticulturists begin to perpetuate memories by erecting monuments to our great workers, if such reminders are necessary, I believe one of the tallest shafts should be erected to H. A. Terry, of Crescent, Iowa.

C. S. HARRISON.

A WINNING COMBINATION.

Kindly discontinue our Carlson's aster seed advertisement. Although we have had this in your paper only one week, our stock is exhausted owing to the exceedingly heavy orders received since our advertisement appeared. We do not know whether this is due to the fact that your paper goes in the hands of so many live florists or because the florists in general recognize the superior quality of this seed. E. H. HUNT.

ASPARAGUS Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds..... .40; Per 1000 " ..... 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 23d annual meeting will be held at St. Louis, Mo., June, 1904.

THE accumulated orders for seed potatoes will be hustled forward now if weather permits.

R. H. SHUMWAY, Rockford, Ill., reports a very satisfactory trade, not quite up to the business of two years ago, but well in advance of last year to same date.

FOR those who complain of the indefinate nature of onion seed reports, here is something comprehensive:

"The Bullfrog raised its tail on high
And madly rushed across the plain;
The Lightning Bug went thundering by
And then we had a fearful rain."

A COMMON carrier cannot limit its liability for goods lost in shipment, through its negligence, by any regulation or any provision printed on the back or stamped across the face of the bill of lading, unless the same is agreed upon with the shipper or distinctly brought to his attention.—Doyle v. B. & O. R. Co. Circuit Court Western District of Pennsylvania.

SAN FRANCISCO.—Half the asparagus crop of the state was destroyed by the recent floods in the Sacramento valley. The growers have seen their asparagus beds utterly destroyed and now face ruin. The price of asparagus will be high this year. The canneries of the state will have no crop with which to work and as a result many people will be denied employment by the closing of the industry.

TESTS of eight lots of seed corn recently were made by the Ohio Experiment Station. The corn had been carried through the winter in different ways: In a large crib six feet wide; overhead in crib spread out in a thin layer on the floor; and in a room where the temperature was from 60 to 72 degrees. Of the crib corn (selected ears) only sixty kernels out of 100 germinated; of similar corn kept overhead in crib eighty-one kernels germinated; of that subjected to artificial heat ninety-five out of 100 germinated.

REPORTS in general indicate that the business of the month has been quite satisfactory. The jobbers are not complaining; popular staples while they lasted went out at very good prices, and when sold out made a fair market for less popular sorts. Onion sets are well cleaned up and no fall in price is looked for. Mail trade, owing to weather conditions, is below the average in most cases. Counter trade, where the principal customer is the market gardener, shows up in good shape, but at the counters where the amateur is mostly looked for the showing has been poor.

A Paying Crop

Can be secured by sowing our **ASPARAGUS SEED** now. It is remarkable seed, so full of life that nearly every seed germinates under ordinary conditions. We have made a number of tests and we know that this is true.

ASPARAGUS PLUMOSUS NANUS seed, greenhouse grown, will germinate nearly 100 per cent. New seeds, $1.00 per 100; $7.50 per 1,000.

ASPARAGUS SPRENGERI, new crop seed, 15c per 100; $1.00 per 1,000. Special prices on large lots. **Send for Catalogue.**

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

Mention The Review when you write.

THE following clipping may partly explain why retail and small mail trade is so unsatisfactory. It is from the Chicago Examiner, March 26:

The map showed freezing weather as far south as Oklahoma—28 at Oklahoma and through Kansas from 18 to 24 above. No moisture in Kansas or Oklahoma; excessive rains in Missouri, Illinois, Indiana, Ohio and Texas. There is a rainfall of 4.70 at Indianapolis and of over 2 inches at Cincinnati and Fort Worth and St. Louis. Freezing all over Nebraska, Iowa, Missouri, Kansas and Oklahoma this morning.

THE ONION SET DISEASE.

John W. Lloyd, professor of olericulture at the University of Illinois, College of Agriculture, writes as follows to a Chicago onion set grower:

Referring to the diseased white onion sets which you sent me October 3, 1903, and concerning which you wrote me a few days later. One of the botanists here has identified the organism which is evidently responsible for the disease, and finds it to be the onion anthracnose (Vermicularia circinans, Berk.). The fungus is present on the onions when they are harvested, but it is likely to do most of its damage by later development during storage. This damage is most severe when the atmosphere of the storage house is too warm and moist. If the sets are perfectly dry when stored, and are kept at a low temperature in a house that can be ventilated in dry weather and kept closed when the outside atmosphere is moist, the disease is less likely to develop badly than if the opposite conditions exist. Also crates or bins which have previously contained diseased sets, should be thoroughly cleaned and sprinkled with lime, or lime and sulphur, before they are used again. Diseased sets should not be stored with sound sets, because the disease can be transmitted by contact, or by the spores being carried by draughts of air.

It has been suggested that sprinkling the bulbs with air-slaked lime at the time of storing would probably prevent the further development of the disease, though I can find no record of this treatment having been tried, and do not know as it would be practicable commercially.

It is also probable that rotation of the crop would be a good thing, since it is likely that the organism may live over winter in the soil or on refuse of the crop.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

P. O. Address: Long Beach, Cal., R. F. D. No. 1

Ranch at Burnett, 3 miles north of Long Beach, Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsoni and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

Mention The Review when you write.

To introduce the celebrated

LONG ISLAND CABBAGE SEED

I will mail free a liberal sample packet either early, second early, summer, fall, or winter, and for 10c will add 4 packets embracing every season.

F. BRILL, Hempstead, L. I., N. Y.

Mention The Review when you write.

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100.....$1.50
Per 1000.....13.00
Per case of 2,500.....30.00

H. N. BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DID YOU EVER SEE A FINER HOUSE OF

LONGIFLORUM LILIES

than that on page 989 of this issue of the Review?

THE BULBS WERE SUPPLIED BY

W. W. BARNARD & CO., 161-163 Kinzie Street, CHICAGO,

who will be pleased to book your order now or later for clean, well-ripened stock for planting in 1904.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

FRESH SEED NOW ON HAND

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Bulbs and Tubers

CALADIUMS, CANNAS, DAHLIAS, GLADIOLUS, LILIES, TUBEROSES.

WRITE FOR PRICES.

Fresh Tobacco Stems, per bale, $1.50

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

New Aster 41 inches High.

MISS KATE LOCK.

Blooms 6 to 7 inches across stems 36 to 39 ins. long; very robust growth. Mixed seed only for sale this year, separate colors next year. One-sixteenth of an oz. for $1.00. Never been beat.

Originator, J. H. LOCK,

41 Manchester Ave., Toronto, Can.

Mention The Review when you write.

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market	pkt.,	50c
Cauliflower—First and Best	"	50c
Tomato—Sterling Castle	"	25c
Radish—Carmine Forcing	"	05c

WEEBER & DON, Seed Merchants,

114 Chambers St., NEW YORK CITY

Mention The Review when you write.

FLORACROFT STRAIN Prize Gladioli

IMMENSE SPIKES. ORCHID-LIKE BLOOMS.

Has received the highest awards wherever exhibited and pronounced the finest strain extant.

	Per 100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10 00
" " " 2d size	1.00	7.50
Groff's New Hybrids, 1st size	2.25	20.00
Orange and Yellow, 1st size	2 50	24.00
Striped and Variegated, 1st size	2.25	20.00
Brenchleyensis, scarlet, 1st size	$1.00	$8 00
Pink Shades, 1st size	1.25	12.00
White and Light Shades, 1st size	1.75	15 00
American Hybrids choice mixed	1.00	9.00
Johnson & Stokes' Special Mixture	.90	6.00

JAPANESE LILIES—SELECTED BULBS

	25 bulbs at 100 rate. 250 bulbs at 1000 rate.	Per doz.	Per 100
Lilium Auratum,	8-9 (130 bulbs to case)	$ .75	$4.75
" "	9-11 (100 bulbs to case)	1.00	7.00
Lilium Speciosum Album,	8-9 (160 bulbs to case)	.90	5.50
" "	9-11 (100 " ")	1.00	7.00
" " Rubrum,	8- 9 (160 " ")	.90	5 50
" "	9-11 (100 " ")	1.00	7.00

Tuberoses Excelsior Double Pearl, 4-6 in. per 100 $1.00, per 1000 7.00

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

The New Aster

Olmstead's White COMMERCIAL

Grow 10,000 and every one will be as white as snow. It is my specialty. I have grown no other color for the last ten years. Send your address for prices and circular, and read what the bankers and merchaots of this place, and commercial growers elsewhere, say. Notice the oller to return your money if not satisfied. It also shows the lield from which seed was saved, aod from which the blooms were cut that I sent to the Milwaukee Convention. See report Florists' Exchange, August 22, 1903.

Chester A. Olmstead, East Bloomfield, NEW YORK.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

Mention The Review when you write.

Burpee's Seeds Grow

Vegetable Forcing.

CUCUMBERS.

We have just made our last sowing of cucumbers for this season. Houses that were too cold through the winter months can now be utilized for this crop, as less fire heat will be necessary to maintain the necessary temperature, which should not be less than 65 degrees by night and 80 to 85 by day during bright weather. More advanced plants require frequent and careful syringing and the house should be damped down several times a day to maintain a moist atmosphere, which is necessary to keep red spider and thrips in check.

The keeping of cucumbers clean is one of the most important points in their cultivation. When this can be done half the battle is won. Another important point is careful ventilation. Although they delight in a moist atmosphere, and such an atmosphere is essential to their well-being, at the same time enough air must be admitted to keep the foliage as firm as possible. Unless air is admitted on all favorable occasions soft growth will result and the sun's rays will have a flagging influence on the plants, even if they have the protection of shade. Slight shade will be beneficial from now on in preventing flagging and scorching of the foliage but care must be taken not to overdo it.

Though with bright weather and the freer circulation of air many of the fruits may set naturally now, still it is safer to keep on pollinating by hand, as it insures a better crop. To plants in bearing the frequent application of liquid manure will be of much benefit, both in extending their time of bearing and enlarging the size of the product.

W. S. Croydon.

PARSLEY.

The old plants from which the crop has been gathered all winter will now begin to be less productive and will show signs of running to seed; therefore a supply of young plants ought to be about large enough to take their place. We contrive to have a succession of younger plants large enough to keep up the supply when the old plants begin to weaken. We don't plant parsley in the house after this date, as we find that the space can be more profitably utilized for other things, and the crop will grow nearly as fast in frames from now on and be less troubled with aphis, which after the weather becomes warm is quite a troublesome pest in the greenhouse. We usually manage to keep them in check with the free use of tobacco stems in the house, though a smoking is sometimes necessary. This we apply whenever the pest appears.

W. S. Croydon.

Findlay, O.—S. J. McMichael says it has been a hard winter, but he thinks prospects very good for spring. His specialty is vegetable plants. He bedded forty bushels of sweet potatoes for plants and expects to be ready to ship toward the end of April. Last fall he saved his own tomato seed from selected plants, so that he knows just what he has to offer his patrons this season. Just now he is very busy, making beds and getting ready to transplant tomatoes, cauliflower and cabbage.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

M. S. Stone, of San Jose, Cal., is dead. He was 39 years of age and did a large nursery business.

The many small parks to be added to the South Parks system in Chicago has brought the park board into the market for large quantities of nursery stock, particularly in the larger sizes.

The high-bush cranberry, Viburnum opulus, is an attractive bush at flowering time, in May, but it is for the autumn, when it is full of large, bright red berries, that it is most planted.

The business of the Muskogee Nursery Co., Muskogee, I. T., has increased to the point where Mr. Kinsley, its head, says additional capital is required and some treasury stock will be sold to local parties.

E. W. Kirkpatrick, of McKinney, president of the Texas Nurserymen's Association, says that much of the prosperity of the state is due to the efforts of the railroads to develop its agricultural resources.

RETAIL NURSERYMEN ORGANIZE.

The nurserymen of western New York met March 19 at Rochester, and after dinner, organized the National Association of Retail Nurserymen. The plan for this organization was decided upon at a meeting held March 10. It is the first national retail association of nurserymen to be organized in the country. While it has been organized in Rochester, it will, of course, admit to its membership retail nurserymen throughout the United States.

The following firms were represented: Allen Nursery, H. J. Bowden, Brown Bros., E. J. Bowden, G. Costich & Co., Chase Bros., Charlton Nursery Co., Charles H. Chase, Ellwanger & Barry, Glen Bros., F. E. Grover & Co., Graham Nursery, Hooker, Wyman & Co., Hawkes Nursery, R. D. Luetchford & Co., George Moulson & Son, Oliver Brothers' Co., Rochester Nursery Co., H. S. Taylor & Co., Western New York Nursery, Irving Rouse, C. L. Yates, Pinnacle Nursery Co., all of Rochester; Clark Nursery, Pierson Bros.' Co., Waterloo; C. W. Stuart & Co., Newark; R. G. Chase & Co., Geneva.

A constitution was adopted, and officers and an executive committee were elected. The officers are: President, William Pitkin, of Rochester; vice-president, O. C. Chase, of Geneva; secretary-treasurer, John B. Killy, of Rochester. The executive committee is C. H. Stuart, of Newark; E. S. Osborne and Walter W. Wyman, of Rochester.

The objects of the association are to promote cordial business relations among its members, to advance their interests and prosperity, and to deal with any important matter that may arise in connection with the nursery business. It is expected that the association will have a beneficial influence on the nursery trade.

WE OFFER AT Auction Prices Now!

Orders not less than $10; in 1000 lots 10 per cent special discount.

15,000 Latania Borbonica
(MAURITIANA)

These are grown from Mauritius Island seeds and form much finer plants than the Cuban variety. Have thick, sturdy trunks and much of the habit of Livistona rotundifolia, therefore sell good.

Seedlings... $2.00 per 100; $12.00 per 1000
2½-inch..... 3.00 per 100; 25.00 per 1000

	Doz.	100
4-inch	$2.50	$18.00
5-inch, 5 leaves, 18-20 in. high	4.00	25.00
6-inch, extra good value, 6-7 leaves, 20-24 in. high	6.00	40.00
7-inch, 2-inch trunk and over, 6-7 leaves, 22-26 in. high	8.00	65.00
8-inch	11.00	95.00

KENTIA FORSTERIANA

	Leaves	H'ght in.	Each	Doz	100
3-inch				$1.50	$12.00
5-inch	5-6	24-32	$ .75	8.00	60.00
6-inch	5-6	36-42	$1 to 1.25	14.00	100.00
6-inch	5-6	40-46	1,50	15.00	110.00

7-inch, 5-6 leaves, 42-48 ins. high, $2.00 to $2.50 each; $22 to $26 per doz.; $165 to $175 per 100.
8-inch, 6-7 leaves, 46-52 ins. high, $3 to $4 each; $30 to $40 per doz.
9-inch, $5 to $15 each.

MADE UP, FOUR PLANTS IN A POT

	Height in.	Each	Doz.
7-inch	34-40	$1 50	$16.00
7-inch	36-42	2.00	20.00
8-inch	38-46	2.50	25.00
9-inch	46-52	3.00-5.00	30 00-50.00

ASPARAGUS PLUMOSUS

2½-inch, $4.00 per 100; 3-inch, $6.00 per 100; 4-inch, $8.00 per 100.

ARECA LUTESCENS
3 to 5 in a pot, fine lively stock

	Each	Doz.	100
6-inch, 30-32 ins. high	$ .75	$8.00	$60.00
6-inch, 34-38 ins. high	1 00	11.00	90.00

8-inch, $2.00 to $4.00 each.

PANDANUS

UTILIS, 6-in., 75c each; $8.00 per doz.; $60.00 per 100. VEITCHII, 6-in., $1.00 each; $11.00 per doz.; 7-in., $1.50 to $2 each; 8-in., $2.50 to $3 each.

ASPIDISTRA ELATIOR

Green, 5c per leaf. Variegated, 12c per leaf.

BOSTON FERNS

Per 100		Per 100
2½-inch $3.00	5-inch	$20.00
3½-inch 6.00	6-inch	40.00
4-inch 10.00	7-inch	60 00
	8-inch	80.00

BEGONIA

Silver speckled, fine for vases, $25 00 per 100.

CARNATION PLANTS

In bud and bloom, 5-inch pots, $25.00 per 100.

1,200 FERNS FOR DISHES

	100	1000
3-inch, for dishes, beautiful stock	$4.50	$35.00
2½-inch, best varieties of Pteris	3.00	25.00

KENTIA BELMOREANA

From seed bed, two leaves... $4.00 per 100
2½-inch pots... 5,00 per 100

	Leaves	H'ht in.	Each	Doz.
3-inch pots	4-6	12	$ .10	$1.00
4-inch pots	5-7	12-18	.30	3.00
5-inch pots	5-7	18-24	.60	6.50
5-inch pots	6-7	22-30	.70	7.50

ALL THESE ARE EXTRA VALUE.

6-inch pots, 7-8 leaves, 24-32 in. height, $1 to $1.25 each; $12 to $15 per doz.; $100 to $110 per 100.

	Leaves	H'ght in.	Each	Doz.	100
7-inch pots	7-8	30-34	$2.00	$22.00	$200.00
8-inch pots	7-9	36-40	3.00	32.00	
8-inch pots	7-9	40-46	4.00	45.00	
9-inch pots	7-9	46-50	5.00	50.00	

RUBBERS
The True Belgian Red-veined Variety

3-inch	$20.00 per 100
4-inch	25.00 per 100
5-inch	40.00 per 100
6-inch, 18-24 inches high	50.00 per 100
7-inch, 30-34 inches high	125.00 per 100

Old stock plants, good for 5 to 15 top cuttings annually, $25.00 per 100.

Will sell 1,750 running feet of modern Greenhouses, 25 ft. wide, $3,000.

ALBERT FUCHS
2045-2059 N. Halsted St., Chicago

ARRIVING

10,000 Hardy Roses

2-year-old, 15 best varieties.

Tree Roses, IN COLORS.
Boston Ivy
Clematis
Japan Iris
Canna Roots
Dahlias
Caladiums
Paeonias, etc., etc.

ALL A1 STOCK.

Send for complete list.

E. F. Winterson Co.

E. F. Winterson, J. P. Degnan, L. H. Winterson.
Successors to McKellar & Winterson.
45-47-49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Dormant Roses

FIELD-GROWN.

H. P.'s and Mosses, Manetti Stocks

Fine disbudded plants. Nos. 1, 2 and 3.
Only in lots of 5000 and upward.
Prices and samples upon application.

HUNTSVILLE WHOLESALE NURSERIES,
HUNTSVILLE, ALA.

Mention The Review when you write.

CALIFORNIA PRIVET

				Per 1000
200,000	2 years,	2 to 2½	feet, very bushy.....	$20.00
150,000	2 "	18 to 24	ins., " "	16.00
100,000	2 "	12 to 18	" " "	10.00
200,000	1 year	12 to 18	" branched.....	9.00
200,000	1 "	10 to 12	" "	7.00
100,000	Cuttings,	8 ins.,	strong	.80
100,000	"	8 "	light	.60

Also have a large stock in Asparagus Roots, 2 years, Palmetto & Barrs; 30,000 Canna Roots, 50,000 Tuberose Roots, 5,000 Geraniums, 2½-in. pots, all good stock and low prices. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

VAN DER WEIJDEN & CO.

BOSKOOP, - HOLLAND.

Growers of Nursery and Florists' Stock such as Rhododendrons, Taxus, Boxwood, Pot-grown Plants, H. P. Roses, etc.
Ask for prices. CATALOGUE FREE. Address

D. G. WIEGAND BRUSS,
Care MALTUS & WARE.
No Agents. 136 Water St., NEW YORK

Mention The Review when you write.

BIRMINGHAM, ALA.—Hugh Seales, the Magic City Florist, started in business only two years ago and in that time has built eight houses 20x100. He has just commenced on two more of the same size. Four of the houses were in roses this year and two in carnations, results being first-class with each. Mr. Seales opened a retail store last October and since then his business has grown faster than ever.

The GLENWOOD Nurseries offer the finest trees, both DECIDUOUS and EVERGREEN; FLOWERING SHRUBS and VINES of all sizes in general assortment.

Large Size Trees and Shrubs

Are a SPECIALTY with us

WE HAVE THEM IN QUANTITY.

☞ SPECIAL QUOTATIONS to large buyers. ☜ Send us your list of wants.

Trade List ready -- send for one.

THE WM. H. MOON CO.

60 miles from New York.
30 miles from Philadelphia.

MORRISVILLE, PA.

SPECIAL OFFER IN SURPLUS TREES

We offer for Spring Delivery 800,000 ornamental trees of Ash, Elm and Linden at a price that will astonish you.

	per 100	per 1000
3-5 feet	$3.00	$25.00
5-7 feet	5.00	40.00
7-9 feet	8.00	70.00

References: Bank of Glenwood.

All grown in our nursery in Northern Minnesota. CASH WITH ORDER, 5 per cent discount and packing free. **GLENWOOD NURSERY, Glenwood, Minn.**

Surplus Shrubs CHEAP!

Also other trees and plants in assortment. Send for Wholesale List.

SHREWSBURY NURSERIES, Eatontown, N. J.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving.
Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention The Review when you write.

A Few Hundred

choice trees of Sugar Maple and Elm, 12 to 14 feet. Tulip Poplar, Sweet Gum, American Linden, 3 to 4 inch. Caliper, Spirea Van Houttei, 3 to 4 feet. List of other stock with prices sent on application.

Highland Ave. Nursery, Salem, Ohio.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

SAMUEL S. PENNOCK,

White Violets for Weddings.

Wholesale Florist,
1612 Ludlow St., PHILADELPHIA.

BERGER BROTHERS

WHOLESALE FLORISTS.
Lilium Auratum, Easter Lilies,
Valley, Fancy Valley, Roses.

Long Distance Telephone. 1220 Filbert Street, PHILADELPHIA

SOCIETY OF AMERICAN FLORISTS.

The bulbs of Narcissus Paper White grandiflora and N. princeps exhibited by the Misses Wilson, of Montgomery, Ala., at Milwaukee last August for test as to forcing qualities, have been bloomed by Carl Jurgens, of Newport, R. I., who reports that the Paper Whites which flowered were very fine and fully equal to imported stock. There were, however, a good many "sets" in the collection, the bulbs evidently having been grown in a clump and taken up as such and separated. Mr. Jurgens expresses the belief that had these sets been planted out, as is done in general bulb culture, and grown for one season, they would have made most excellent bulbs, like those that flowered.

As to the N. princeps, results were not so satisfactory, although they were not forced till late and, in Mr. Jungens' opinion, the climate of Montgomery is too warm for the growing of bulbs of this class. Wm. J. Stewart, Sec'y.

Salt Lake City, Utah.—The Vogeler Seed Co. is attracting attention by means of special sales of rose plants.

Canton, O.—The Brown Floral Co., capital $25,000, has been incorporated to take over the business of Charles Brown.

Montgomery, Ala.—S. B. Stern, the commission merchant, is opening a commission business in connection with his orchard.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Position as manager of store; quick and obliging; good salesman and designer; good references; open for engagement April 1st. Address No. **95**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman, by grower of 20 years' experience; married; only up-to-date places will be answered. Address Chas. Duerr, care Morton Grove Greenhouses, Morton Grove, Ill.

WANTED—A young man capable of taking charge of a small retail place where cut flowers and potted plants are grown; good wages. Address F. B. Tinker, Peru, Indiana.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—Account of health of owner, The Florence Greenhouses; completely stocked; hot water heat; doing good business; price $1,000, worth $3,000. Address Templin & Co., Florence, Colorado.

SITUATION WANTED—As foreman, near Chicago, to grow roses and carnations; can furnish the best of references as to ability, etc., from prominent Chicago growers. Address No. **94**, care Florists' Review, Chicago.

WANTED—At once; an assistant with some knowledge of greenhouse business; must be sober and industrious; state reference and wages with board and room, in first letter. Northern Michigan Floral Co., Petosky, Mich.

SITUATION WANTED—By young man in store or greenhouses; first-class grower of general line of stock; good maker up; no bad habits; life-long experience; reference given. Address No. **96**, care Florists' Review, Chicago.

SITUATION WANTED—Middle aged man of ability desires engagement; sober, reliable, energetic; good grower, maker-up, etc; retail place preferred. Address Florist, 2495 Massachusetts Ave., Cambridge, Mass.

WANTED—Young man with some experience for greenhouse and garden work; $25 per month with board; must be sober and industrious. Address No. **98**, care Florists' Review, Chicago.

WANTED—TO RENT—A place of about 15,000 to 20,000 square feet of glass, by two reliable young men; have from $500 to $600 to buy stock; please state full particulars in first letter; we mean business. Address No. **99**, care Florists' Review, Chicago.

SITUATION WANTED—By first class grower of Al roses and carnations and general stock for retail place; gilt edge references; single, age 36. Address No. **97**, care Florists' Review, Chicago.

WANTED—At once, middle aged man; experienced in design work and who is a good rose and carnation propagator; must be strictly temperate. Address M Helfrich, Washington, C. H., Ohio.

SITUATION WANTED—To take charge of retail place; good grower of Al stock, carnations, roses and merchandise plants; 15 years' growing for retail trade; age 36, single; strictly temperate; Illinois preferred. Address No. **89**, care Florists' Review, Chicago.

FOR SALE—I have a thriving greenhouse business, wholesale and retail, located in a lively city of 8,000, no competition; 12,000 sq. ft. of glass, in good repair, with room to add more; stock growing to reset benches; will dispose of this at a bargain; any party or parties who are looking for a good location, will do well to correspond, when a complete description and details will be given; none but those who mean business answer. Address No. **91**, care Florists' Review, Chicago.

FOR SALE—275 boxes, 16x18, double strength glass, part A and part B, cheaper than can be had anywhere in the market; this is strictly new glass. Write at once for terms. Address No. **92**, care Florists' Review, Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. **60**, care Florists' Review, Chicago

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FOR SALE—Oak Park greenhouses, lot, 100x181 with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

FOR SALE—On the seashore, a fine retail business in a town of 3,000 inhabitants in winter and 18,000 in summer; only florists' business in the place; will sell whole or half interest to the right party; clear profit last year $800. Address No. **82**, care Florists' Review, Chicago.

WANTED—Young man with some knowledge of florists' business; one not afraid of work; steady job to the right man. Address Nantucket Flower Store, Nantucket, Mass.

WANTED—A good active assistant for general greenhouse work; $25 per month; board and room to good man; work the year around. Address Keller, The Florist, Woodmere, Mich.

FOR RENT—Eleven greenhouses, rooms and stable; in Clifton, Cincinnati, O. Apply to Jno. J. Schiff, 206 Carlisle Bldg., Cincinnati, O.

WANTED—At once; bright, strong young man as florists' assistant; used to and willing to do field work; wages $25.00 per month with board and washing, to start; advanced if deserving; those replying to this, please be prepared to come at once if accepted; job permanent to good man. Address I. Merwin Rayner, 81 Front Street, Greenport, N. Y.

WANTED—By a thoroughly all-round gardener who understands florist business and growing of all kinds of plants; a good private place not too far from Chicago; 16 years experience, good reference. Address No. **90**, care Florists' Review, Chicago.

WANTED—At once; managing foreman to take charge of 35,000 feet of glass, in cut flowers; one who can handle men to advantage and can produce the best results; must have best of references as to character and ability; state wages wanted and give references; also want first class assistant. Address C. R. Hills, Grand Rapids, Mich.

FOR SALE—At a bargain, lots, greenhouses and flowers at 1180 North Hamilton Ave., Chicago. Will sell all or a portion thereof. Address all inquiries to Leonard J. Stankowicz, Niles, Ill.

FOR RENT—5 large greenhouses, steam heated, well stocked with blooming roses, together with 21 acres of land; good brick dwelling and barn; 7 miles from City Hall, Philadelphia. Apply, Edward Reid, 1526 Ranstead St., Philadelphia, Pa.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. **59**, care Florists' Review, Chicago.

FOR SALE—Not rent,—13,000 feet of glass; very fine property with dwelling; modern conveniences; for terms and particulars, address No. **74**, care Florists' Review, Chicago.

FOR SALE—New Glass, never been opened; 10 boxes A Double 16x24 at $3.80 per box; 50 boxes B Double 16x24 at $3.40; 40 boxes B Double 16x18 at $3.25 per box; 50 boxes A Double 16x18 at $3.40. Address Davis Bros., Morrison, Ill.

FOR SALE. Established Wholesale and Retail Greenhouse Business.

5000 feet of glass, well stocked; one acre of land; fruit trees; fine dwelling with modern improvements; near Buffalo, Rochester and Bradford; good shipping facilities near station; large village and no competition. Price low; terms easy. Address

GEO. STAFFLINGER,
Pine Hill, BUFFALO, N. Y.

FOR SALE

Retail Florist's Establishment

consisting of 10,000 sq. ft. of glass in connection with store. Located on one of Chicago's finest boulevard drives in the centre of fine residence district; 20 years in present location; with 12 years lease to run; profitable business; splendid opportunity for right parties.

Address No. 93,
care Florists' Review, Chicago.

LEO NIESSEN.

Easter Weddings...
LILIES, VALLEY, BEAUTIES, SWEET PEAS, WILD SMILAX

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Mention the Review when you write.

Charles F. Edgar & Co.

Easter Lilies, Violets, Carnations and Roses.

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

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GALAX Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots or over. **Southern Smilax**—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. **Leucothoe Sprays**—Green, $1.00 per 100; $7.50 per 1000. **Green Sheet Moss**—$2.50 per bbl. sack. **Dagger Ferns**—$1.25 per 1000.

All Kinds Florists' Supplies.

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THE REVIEW is all right.—VICK & HILL CO., Rochester, N. Y.

WE cannot afford to do without the REVIEW.—G. M. THOST, De Soto, Mo.

I like your paper very much. It is an educator and a convenience as well. from the first.—F. P. AVERY, Tunkhannoch, Pa.

AM WELL pleased with the REVIEW and consider it one of the most progressive of trade papers.—GEORGE SMITH, Manchester, Vt.

MY stock is all sold, and all through the REVIEW. I received many orders that I could not fill and had to return the money. I shall be better prepared next season and as soon as I have anything ready for sale you will hear from me. —ALBERT HAKE, Manchester, Pa.

Wholesale Cut Flower Prices.

Philadelphia, March 30.

	Per doz.
Beauties, Specials	$ 5.00 to $6.00
" Extra	3.00 to 4.00
" No. 1	2.00 to 2.50
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	4.00 to 5.00
" " No. 2	2.00 to 3.00
" " Shorts	1.00 to 1.50
Bride and Bridesmaid, No. 1	$12.00 to $15.00
" " No. 2	4.00 to 8.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Jacqueminot, Firsts	10.00 to 15.00
" Seconds	5.00 to 8.00
Kaiserin, Firsts	10.00 to 15.00
" Seconds	4.00 to 8.00
	Per 100
Liberty, Firsts	5.00 to 12.00
" Seconds	3.00 to 4.00
Meteor, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	5.00 to 8.00
Ulrich Brunner	3.00 to 4.00
Orchids, Cypripediums	12.00
Carnations, Commons	2.00 to 3.00
" Selected	4.00 to 5.00
Novelties	6.00 to 8.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
Callas	12.00
Daffodils	2.00 to 3.00
Daisies, Shasta	1.50 to 2.00
Hyacinths, Dutch	8.00 to 10.00
Lilac	$1.00 to $2.00 per doz.
Lilium Harrisii	10 00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 3 00
Narcissus, Paper White	2.00 to 3.00
Smilax	20.00
Sweet Peas	.50 to 1.00
Tulips, single	3.00
" double	4.00 to 5.00
Violets, ordinary	.25 to .75

THE REVIEW is the cheapest help I ever employed; always ready to help a fellow out, never kicks or has things on the dry side, all for 2 cents a week.—W. A. HERBERT, Wellsville, O.

HERE'S another dollar for the REVIEW, which we certainly cannot do without.—GELVEN & SON, Sedalia, Mo.

WE certainly like your paper very much and would not want to do without it.—F. G. MENSE, Glen Cove, L. I., N. Y.

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Galax, bronze or green, 75c per 1000. Leucothoe Sprays, 50c per 100. Sphagnum Moss, Ferns. Wire Work of all kinds for florists. Special attention given to shipping orders.

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VIOLETS our specialty.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, March 28.

		Per 100
Beauties, Specials	$12.00 to	$15.00
" Extra	8.00 to	10.00
" No. 1	5.00 to	8.00
" Shorts	2.00 to	4.00
Brides and Maids, Specials	6.00 to	8.00
" " Extra	4.00 to	6.00
" " No. 1	2.00 to	3.00
" " No. 2	1.00 to	2.00
Golden Gate	2.00 to	10.00
Liberty	2.00 to	20.00
Meteor	2.00 to	6.00
Orchids, Cattleyas	40.00 to	50.00
" Cypripediums	8.00 to	10.00
" Dendrobium Formosum	30.00 to	40.00
Carnations, Common	.75 to	1.00
" Selects	1.00 to	1.50
" Fancies	2.00 to	3.00
" Novelties	4.00 to	6.00
Gardenias	30.00 to	40.00
Adiantum Cuneatum	.50 to	.75
" Croweanum		1.50
Asparagus plumosus, Strings	25.00 to	50.00
Callas	8.00 to	10.00
Daffodils	1.00 to	3.00
Daisies	1.00 to	2.00
Hyacinths, Roman	1.00 to	2.00
Lilac, per bunch	.50 to	.75
Lilium Harrisii	6.00 to	8.00
Lily of the Valley	1.00 to	2.00
Mignonette	.50 to	4.00
Narcissus	.50 to	1.50
Sweet Peas	.50 to	1.00
Tulips, single	.50 to	1.00
" double	1.00 to	2.00
Violets	.10 to	.35

We like the Review and would hate to be without it.—Misses Wilson, Montgomery, Ala.

Every day or two we receive a query to which it is impossible to reply because the writer does not sign his name. Give as much detail as possible in your letter and sign your full name and the address to which your Review is sent; you will then receive a prompt reply.

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Buffalo, March 30.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	25.00 to 30.00
" No. 1	10.00 to 20.00
" Shorts	6.00 to 9.00
Brides and Maids, Extra	12.00 to 15.00
" " No. 1	8.00 to 10.00
" " No. 2	4.00 to 6.00
Cusin	4.00 to 8.00
Golden Gate	4.00 to 8.00
Kaiserin	8.00 to 15.00
Liberty	10.00 to 20.00
Meteor	8.00 to 15.00
Mrs. Morgan	4.00 to 6.00
Perle	5.00 to 8.00
Carnations, Selects	2.50 to 4.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	.75 to 1.50
Asparagus plumosus, Strings	40.00 to 50.00
Callas	8.00 to 12.00
Daffodils	3.00 to 4.00
Hyacinths, Dutch	3.00 to 6.00
Lil. Harrisii	12.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	3.00 to 5.00
Pansies	.50 to 1.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to 1.00
Tulips, single and double	3.00 to 4.00
Violets	.60 to 1.25

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

THE REVIEW is as necessary to the successful florist, as air and water to his plants.—W. W. NASH, Montrose, Pa.

ENCLOSED you will find the best invested dollar in my business; continue the REVIEW.—H. P. LODING, Mobile, Ala.

I DO not want to miss seeing my old friend, the REVIEW, once a week.—S. S. PYLE, Toughkenamon, Pa.

HERE is another dollar; I am a beginner and I could not do without the REVIEW.—D. H. Cook, Easton, Md.

WE feel as though we could not do business without THE REVIEW'S weekly visit.—OAK HILL GREENHOUSES, Evansville, Ind.

INDEED, I could not afford to have so good a trade paper stop coming, for I could not get along without the REVIEW.—N. H. PADGETT, Unadilla, N. Y.

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A good line of Geraniums in 2 and 3-inch pots at $2.50 and $5.00 per 100.

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C. W. BLATCHLEY,

PLANTSVILLE, CONN.

Wholesale Cut Flower Prices.

Chicago, March 30.

	Per doz.
Beauties, 36-inch stems	$6.00
" 30 "	5.00
" 24 "	4.00
" 20 "	3.00
" 15 "	2.50
" 12 "	2.00
" Shorts per 100	$6.00 to 8.00

	Per 100
Bridesmaids, Specials	$8.00 to $12.00
" Firsts	5.00 to 7.00
Brides, Specials	8.00 to 12.00
" Firsts	5.00 to 7.00
Liberty, Specials	12.00 to 15.00
" Firsts	9.00 to 10.00
" Seconds	6.00 to 8.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 12.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Ivory, Firsts	6.00 to 12.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	10.00
" Seconds	6.00 to 8.00
Perles, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Carnations, Fancy	4.00 to 6.00
" Common	3.00
Violets	.75 to 1.50
Paper Whites	3.00
Romans	3.00
Daffodils	3.00
Tulips	3.00 to 5.00
Freesia	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Easter lilies, $2.00 per doz.	
Callas, $1.50 per doz.	
Valley	2.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 to $2.50 per doz.	

Milwaukee, March 30.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	20.00 to 25.00
" No. 1	12.00 to 15.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	10.00
" " Extras	8.00
" " No. 1	6.00
" " No. 2	4.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 8.00
Liberty	10.00 to 15.00
Meteors	4.00 to 8.00
Perle	4.00 to 8.00
Carnations, Selects	3.00
" Fancies	4.00 to 5.00
Asparagus plumosus, Strings	60.00
" " Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Callas	15.00
Daffodils	4.00
Daisies	.75
Freesia	2.00
Hyacinths, Roman	2.00 to 3.00
Hyacinths, Dutch	3.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00
Mignonette	2.00 to 3.00
Smilax	25.00
Sweet Peas	1.00
Tulips, single	2.00
" double	3.00
Violets	.75 to 1.00

We are sold out of asparagus seed and will have to return orders unfilled. The Review does the business.—Wonsetler Greenhouses, Bryan, O.

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FLORAL COMPANY,
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Every facility for prompt shipment.

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THE "OLD RELIABLE" FOR
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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
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Specialties in Cut Flowers.
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With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
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WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Wholesale Cut Flower Prices.

Cincinnati, March 30.

	Per 100
Beauties, Specials	$35.00
" Extra	$20.00 to 25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	7.00
" " Extra	8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 10.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 15.00
Meteor	3.00 to 8.00
Perle	3.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cunestum	1.00 to 1.50
Asparagus plumosus, strings	50.00 to 75.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 5.00
Lilium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to 1.00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets	.35 to 1.00

Pittsburg, March 30.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	10.00 to 12.00
" " " Extra	6.00 to 8.00
" " " No. 1	4.00 to 5.00
" " " No. 2	2.00 to 3.00
Carnot	3.00 to 6.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	6.00 to 12.00
Meteor	4.00 to 10.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.00
" Fancies	2.50 to 4.00
" Novelties	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" sprays	2.00 to 4.00
Callas	6.00 to 12.00
Daffodils	1.00 to 3.00
Daisies	1.00 to 2.00
Freesia	3.00 to 4.00
Hyacinths, Roman	1.00 to 3.00
" Dutch	4.00 to 6.00
Lilac	1.00 to 1.50
Lilium Longiflorum	6.00 to 15.00
Lily of the Valley	2.00 to 4.00
Narcissus	2.00 to 3.00
Pansies	.75 to 1.00
Smilax	15.00 to 20.00
Sweet Peas	.75 to 1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 5.00
Violets	.25 to 1.00

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Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

St. Louis, March 30.

	Per doz
Beauties, Specials	$5.00 to $6.00
" Extra	3.00 to 4.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Carnot	6.00 to 8.00
Golden Gate	6.00 to 8.00
Liberty	4.00 to 8.00
Meteor	4.00 to 8.00
Perle	4.00 to 5.00
Sunrise	4.00 to 5.00
Carnations, Common	2.00 to 3.00
" Selects	4.00 to 5.00
" Fancies	5.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.00 to 15.00
Daffodils	3.00 to 4.00
Hyacinths, Roman	3.00 to 4.00
" Dutch	4.00 to 5.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.50 to 3.00
Smilax	15.00 to 18.00
Sweet Peas	.60 to .75
Tulips, single	2.50 to 3.00
" double	3.00 to 4.00
Violets	.25 to .60

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A Complete Reference Book for Commercial Florists

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(CONTINUED.)

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New Hardy Sunflower.. Helianthus Sparsifolia

Will become popular when its merits are generally known. 5 to 6 feet high; lateral flower stems 2½ feet in length. Indispensable for cutting . . . .

25c each. $2.50 per dozen

VINCAS

Two varieties, GREEN and VARIEGATED. From 3-inch pots. . . . . .

$5.00 per hundred

Nathan Smith & Son
ADRIAN, MICH.

PACIFIC COAST.

SANTA CRUZ, CAL.—W. E. King is building a new house 18x30 with twelve-foot walls for Asparagus plumosus.

STANDARD ROSES.

The growing of standard or tree roses is a subject that most of the florists and nurserymen have had little experience in. The selection of the wild stock that will be of long life is the most important item. Practical growers have long since discarded most of the European and eastern wild varieties and confined themselves to sorts that have proven hardy enough to withstand our dry summers without scalding and bark binding, rooting deeply enough to furnish a plentiful flow of sap to delicate growing heads. Rosa canina, a great quantity of which is used in Europe, is almost worthless here, as at the best it does not last over one season. The absence of moisture in the summer seems to be fatal to it and, together with several other wild briars, we have ceased to use it.

Manetti stock is used for many varieties of hybrid perpetual roses and for some hybrid teas. We used Baltimore Belle for a few years, but on account of its liability to suckering it is not of much value. The native Castilian is very long-lived and does not sucker badly, but it is of slow growth and makes a very small stem and does not grow in proportion to the top. I have seen stock of this variety thirty years budded that was not over three-fourths of an inch in diameter and the top three or four feet across. The Banksias, especially the white variety, are splendid to grow Noisette varieties on, but they are not used much.

La Grifferae seems to be about the best all around stock we have used up to date and I think it fills most of the requirements. It is of strong growth, makes a heavy stem, a good feeder and does not root sucker. The varieties budded in it do not grow out as soon as they do on some other stocks, but it forces them along well and they make good, strong heads in a reasonable time. When plenty of moisture is given it during the growing season it attains a very large size and makes tremendous roots.

But one thing in particular should be remembered in growing standard or tree roses, and that is that they should not be grown too fast by the application of much water, as they are then very difficult to transplant without resorting to heavy pruning. Tree roses that are grown without much irrigation are much easier to handle, even if they are not so big either in stem or head, and the public will have much more satisfaction after they are planted. G.

We Speak about Ribbons of merit. The RIGHT RIBBONS specially woven to meet the demands of Florists. These Ribbons are lustrous, firm, heavy to the touch, clean of weave. The colors blend or match perfectly the Rose, Violet, Carnation, Foliages. And the prices—less, very much less than the usual sort, for the Ribbons are sold to you direct from the mill (cutting out all dealers) and therefore "you save all between profits."

The Pine Tree Silk Mills Company
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MONARCH—Satin Taffeta—**Climax.**
CONQUEROR—Metallique Taffeta—**CYCLONE.**

These come in all widths, from narrow to wide
Write us for samples.

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CAMELLIAS.

A correspondent from California asks why camellias have dropped so many flower buds this season. I have noticed the same trouble, both with large specimen plants that I have had planted many years in the ground and also with smaller stock kept in pots. The trouble I find with camellias is that they must be kept constantly moist at the roots.

Our camellias are commencing to make new growth now and in a few months this new wood will have attained its proper length and flower buds will form. These grow slowly and this is when our dry season commences. The camellia is a shrub that requires plenty of moisture to thrive well and when this is denied it at the season when everything here has to be watered artificially, the buds will hang on to the stems, but are blighted, and although the plant is apparently full of plump flower buds, it only wants our blustering wintry weather to cause most of them to partially open and then drop off and leave only a few that succeeded in getting moisture enough to develop. I have found that even our severest frost does not spoil the unopened buds; it blights and discolors the blooms and retards their opening, but does not injure the plant.

Camellias like a moist atmosphere and are not especially fond of shady situations, although in partial shade they do well. But to get the full value of the plant place it in the open ground, give it good drainage and do not be afraid of giving it too much water. Some varieties are very heavy bearers and I have found it a good plan to disbud about half the quantity formed. In shady situations the camellia does not flower as freely as in the open ground and as a pot plant, especially when the roots are cramped, it blossoms wonderfully, but I have seen plants that were growing outside with fifty to seventy-five buds and open flowers, drop them all when brought into a warm room. This is from the change of dry for moist atmosphere, something the camellia will not tolerate. For the same reason we do not grow it as a greenhouse pot plant, but keep it in general in a shade house where the temperature is low. G.

NURSERY STOCK.

The demand for home-grown nursery stock in California and throughout the Pacific coast is yet in its infancy. A few years ago, when there were many less large private places than there are

at present, the call was only for a few varieties of ornamental trees and was easily supplied. But in the last few years we have had a large influx of eastern people who came to this coast to establish homes and they have created a demand for a greater variety than the local nurserymen have been able to supply. This was the commencement of our branching out on more extensive lines and our dealers are beginning to devote themselves more and more each year to the importing and propagating of newer and more desirable classes of stock. Only a few years ago some of our largest nurseries did not pretend to carry over a dozen varieties of evergreen trees and hardy palms. For sidewalk trees we had little to offer except cork bark elms or native palms, and for an ornamental hedge Monterey cypress. The demand has shifted considerably, so that we now are planting some of the light, graceful pittosporums for hedging and for sidewalk purposes umbrella trees in some sections, eastern elms, white maples, European linden, scarlet and white hawthorns, pink and white horse chestnut and many other desirable trees. A good demand has also sprung up for specimen conifers and deciduous shade ornamentals for garden planting, and as this is constantly on the increase those dealers who can read the signs of the times will be amply repaid for their trouble in good orders at remunerative prices.

In roses California has had abundant stock on hand for the past few years to supply the coast, save possibly for small greenhouse-grown plants on their own roots that are used for forcing. Of these we import a good many thousands yearly from our eastern growers. Carnations likewise we grow in vast quantities and probably export as many as we receive.

Birches of various kinds, oaks and hundreds of desirable and valuable ornamental trees are being sought after by planters, and it is high time our dealers made preparations to supply the demand that is sure to come. G.

SAN FRANCISCO.

The Market.

We are in the eighth week of rainy weather and the end appears to be not yet. We are within ten days of Easter and the inquiries for decorations and stock for that occasion are not very heavy at this writing, but as Californians generally put off such small matters until the latest possible moment we may have a much different story to tell within another week. Flowers are not over plentiful, nor have they been for the past month, but the florists have not had any trouble to supply their wants, as the demand has been very light. There have been, however, quite a lot of funeral orders during this week. Violets have been the grand exception to the rule. They have been brought in by millions and we can now expect them to be scarcer and of poorer quality. It appears that there is hardly anyone growing doubles. Some years ago we had quantities of Swanley White and Marie Louise, but owing to the greater popularity of the Princess of Wales the double sorts were gradually allowed to fall behind. Roses are of fair quality and of fair quantity and sell at about the same prices they have brought for the past month. Carnations can be had at from 25 to 50 cents per dozen, with only a few choice varieties at the long end.

From Ingleside, Elmhurst, Berkeley and Burlingame quantities of Easter lilies will be forwarded to town and there will be no shortage, judging by appearances now. They are selling wholesale at $1.50 to $2.50 per dozen. Pot grown plants are offered at from $6 to $9 per dozen and there will be plenty to supply all demands. Good azaleas will not be as plentiful as usual, as most of our growers report their plants past their prime. White wistarias in bloom make something attractive and quite out of the ordinary, and are being used extensively this season. They are grown in 6 and 7-inch pots and forced into bloom in the greenhouses. Valley is plentiful but daffodils, except some small flowering late varieties, are about over. Narcissi have disappeared, excepting poeticus, which are in full bloom now.

Various Notes.

Geo. Karmann, of whose illness I spoke last week, passed away at Elmhurst and was buried on Sunday. Mr. Karmann was well known to all the growers in this section and had a large area of glass. He was 44 years of age and leaves a widow and four children to mourn his loss.

John Becanne, of Alameda, has received the contract from the Adelphian Club to plant the high school grounds in his town.

Sievers & Boland had several elaborate designs at the funeral of Adam Graut, last Tuesday.

Mann Bros. report several large Easter orders from the country that have kept them hustling to supply the quantity of stock called for. G.

Omaha, Neb.—It is reported that Hess & Swoboda will open a branch store in Denver.

STRONGLY ROOTED CARNATIONS -- Now Ready.

GROWN OUT OF DOORS AND ROOTED WITHOUT HEAT.

White	100	1000
Queen Louise	$1.20	$10.00
Flora Hill	1.20	10.00
Alba	2.50	25.00
Gov. Wolcott	3.40	30.00
Norway	1.00	9.00
Lillian Pond	5.00	45.00
Chicot	1.00	9.00
Viola Allen	3.00	25.00
Pink		
Mrs. Thomas Lawson	1.40	12.50
Mrs. Joost	1.20	10.00
Mermaid	1.20	10.00
Mrs. Roosevelt	6.00	55.00
Success	2.50	20.00
Pres. McKinley	3.00	25.00
Cressbrook	2.50	20.00
Yellow		
Eldorado	1.00	9.00

Scarlet	100	1000
Mrs. Palmer	$1.20	$10.00
Apollo	3.50	30.00
Adonis	7.00	65.00
J. H. Manley	3.50	30.00
G. H. Crane	1.20	10.00
America	1.20	10.00
Crimson		
Harlowarden	5.00	45.00
Gov. Roosevelt	1.20	11.00
Variegated		
Marshall Field	3.00	25.00
Stella	3.00	25.00
Armazindy	.90	8.00
Gaiety	2.00	18.00
Prosperity	1.40	12.00

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate.

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White Cloud..	1.00	9.00
Scarlet.		
America	1.00	9.00

Pink.	100	1000
Marquis.....	$1.00	$9.00
Mrs. Joost...	1.20	10.00
Variegated.		
Armazindy...	0.85	17.00
Prosperity...	1.40	2.50

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Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100, and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

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Pacific Coast ...GREENS

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From 2-inch pots.

BRIDE, } $2.50 per 100.
MAID, } $20.00 per 1000.
SUNRISE.....$4.00 per 100.

Old plants of Liberty and Sunrise for sale in June.

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For Summer Blooming.

25,000 MRS. FISCHER,
$20 per 1000.

25,000 WILLIAM SCOTT,
$15 per 1000.

Strong, healthy plants from soil. We guarantee satisfaction.

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ROOTED CARNATION CUTTINGS

Strong, Healthy Stock.

	100	1000
Flora Hill	$1.50	$12.50
Mrs. Lawson	2.25	20.00
Prosperity	3.00	27.50
Geranium—Mme. Salleroi	1.25	

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SPECIAL OFFER OF 12 CACTUS DAHLIAS as follows, free by post, for $1.20: 6 of each, free by post, $5.50; 12 of each, free by post, $10.00; 100 of each, free by post, $80.00. Alpha, Artus, Floradora, Galliard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows, and Vesta.

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White.	Per 100	1000
White Bradt	$6.00	$50.00
Boston Market	4.00	35.00
Gov. Wolcott	3.00	25.00
Innocence	2.50	20.00
Glacier	2.00	17.50
Norway	2.00	17.50
Lorna	2.00	17.50
White Cloud	1.50	12.50
Variegated.		
Mrs. Bradt	3.00	25.00
Prosperity	2.50	20.00
Gaiety	2.50	20.00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2.50	20.00
Gomez	1.50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3.50	$30.00
Floriana	2.50	20.00
Lawson	2.50	20.00
Dorothy	2.00	17.50
Joost	2.00	17.50
Nelson	2.00	17.50
Triumph	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma	3.00	25.00
Morning Glory	2.00	17.50
Success	1.50	12.50
Red.		
Adonis	7.00	65.00
Manley	4.00	35.00
Estelle	3.00	25.00
Crane	2.50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2.00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. Cash or C.O.D.

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Geraniums—Leading varieties, mixed, 2½-inch pots	Per 100 $ 2.25
Petunias—Mixed, 2½-inch pots	2.25
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Ivy Geranium—Finest var. mixed, 2-inch pots	2.00
English Ivy—3-inch	3.50
Rose Scented Geranium—2½-inch	2.50
Feverfew—2½-inch pots	2.25
Coleus—2-inch	2.00
" **R. C.**	$6.00 per 1000 .75
Vinca Variegata 4-in. pots, extra heavy.	10.00
Rooted Cuttings $7.00 per 1000	.75
Violets—R. Heads P. of Wales	per 1000 10.00
" Campbell Rooted Runners	" 6.00
Boston Ferns—2½-inch pot, bound	4.00
Pansies	$8.00 per 1000 1.00

Cash Please.

Converse Greenhouses, Webster, Mass.

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NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N.Y.

Jamaica Post Office, Woodhaven Station.

W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

Mention The Review when you write.

A. W. SMITH'S HYBRID MOON VINES

Ipomoea Noctiflora

2½-inch pots..... $5.00 per 100

GODFREY ASCHMANN,

1012 Ontaria St., Philadelphia, Pa.

CARNATIONS.

Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md

Mention The Review when you write.

LA DETROIT. NOW BEING DISTRIBUTED.

Beautiful shell pink color. Strong grower. A great money-maker. Every grower of Bridesmaid will want to try it.

FOR "OWN ROOT" PLANTS FROM 2½-INCH POTS.

1 Plant, each	$0.75
12 Plants, each	.60
25 Plants, each	.50
50 Plants and over and less than 100, each	.30
100 Plants and over and less than 1000, each	.25
1000 Plants and over, each	.20

3-inch pot plants, 5 cents each additional.

SELLING AGENTS.

E. G. Asmus & Son, West Hoboken, N. J.
S. S. Skidelsky, 708 North 16th St., Philadelphia.
A. Rolker & Sons, 31 Barclay St., New York.
J. Austin Shaw, 201 West 135th St., New York.
Vaughan's Seed Store, 84 Randolph St., Chicago.
Clucas & Boddington Co., 812 Greenwich St., New York.
Michigan Cut Flower Exchange, 26 Miami Ave., Detroit.

For prices of grafted stock see issue of March 17.

JOHN BREITMEYER'S SONS, GRATIOT AND MIAMI AVENUES, DETROIT, MICH.

Mention The Review when you write.

SINGLE STEMMED MUMS.

Will you kindly inform us as to the best time to take cuttings for single-stemmed chrysanthemums? G. B.

For bench culture, cuttings may be taken at any time from now on for single stems, providing one has seven or eight feet of head room from the top of the bench. Cuttings rooted in March need to be planted out in May and while these early plants give the finest flowers many florists cannot afford to plant their mums until the bedding stock is cleaned out in June. If G. B. has the single-stemmed pot plant in his mind, which is what we in the east always mean when we speak of single stems, these are rooted in late May and early June. They are potted up from the sand into 2½-inch pots and from that to 6-inch, in which pot they are flowered. Properly grown the 6-inch single-stemmed plant is a handsome subject, if suitable dwarf kinds are grown and I have no doubt G. B. can find ready sale for such in his vicinity, though they seem to have gone out of fashion in the effete east. Brian Boru.

KALAMAZOO, MICH.

This city has been under water, in common with a good share of southern Michigan and northern Indiana, the past week. One of the heaviest losers will be G. VanBochove & Bro. "We have been able to keep up steam through pipes from the mill across the street," said Mr. VanBochove this morning. "Our loss is at present impossible to estimate, but will run into the thousands. Fortunately we saved all our Easter stuff, and much of the other stock in the greenhouses will be saved. In others where the water covered the steam pipes, we were unable to keep the plants warm."

The Calder greenhouses on East Main street, just east of the river, also suffered serious loss.

Waterville, Me.—The past winter has been a hard one for florists in Maine. The mercury was below zero most of the time from Christmas until March, and plant trade was very light on that account. H. R. Mitchell & Son say cut flower trade has averaged better than ever and until spring stock came in they were able to get better prices than usual. Potted bulb stock has moved pretty well.

Indianapolis!

Was there at the finish

When most of the other varieties were rapidly going to sleep, Indianapolis held up in splendid shape. There are two reasons for this. Indianapolis is a splendid keeper and we have not overfed nor overforced our stock. Our vase of 200 blooms was not entered for competition, that's why you did not see it mentioned among the prize winners, but it made a host of friends. We still have about 10,000 for March delivery. Fine healthy cuttings that will make fine stock for next winter's flowering. Will make you more money than any other pink carnation. Order at once. $2.50 per doz., $12.00 per 100, $100 per 1000.

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

THE BEST NEW SCARLET CARNATION

The Cardinal.

Winner of FIRST PRIZE for 100 Scarlet and S. A. F. Medal and Certificate AT DETROIT.

TO BE DISSEMINATED NEXT SEASON BY

Chicago Carnation Co. Jas. Hartshorne, MANAGER. Joliet, Ill.

and Wm. Murphy, 130 E. 3rd St. Cincinnati, O.

At following rates — $12 per 100; $100 per 1000.

Mention The Review when you write.

Grafted Roses

READY NOW.

We have grafted 100,000 Rose Plants on Manetti, all from choice flowering wood. This is the best stock we are able to produce and sure to give satisfaction. If your rose stock is running down give grafted plants a trial. Ready for immediate shipment.

Brides and Maids, $12.00 per 100
Liberties, - - 15.00 "

CHATENAY ROSE PLANTS, 2½-inch, $6.00 per 100; $50.00 per 1000.

We have a small surplus of carefully selected, well-rooted Carnation Cuttings. Write us if you are looking for the best stock.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Mention The Review when you write.

CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. Wolcott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. Roosevelt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Queen Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

ROOTED CHRYSANTHEMUM CUTTINGS.

Kalb, Willowbrook, Polly Rose, Queen, Mrs. Jerome Jones, Timothy Eaton, Merry Christmas, Chadwick, Opah, Lady Harriet, Viviand-Morel, J. K. Shaw, Mrs. Coombes, Marie Calvat, Mrs. Murdock, Mrs. Perrin, Maud Dean, Pres. Smith, Woodford, Helen Bloodgood, Harry Parr, Robert Halliday, Mrs. E. D. Smith, Yellow Jones, Mayflower, Col. Appleton, Golden Wedding, Pennsylvania, Maj. Bonnaffon, Goldmine, Sunshine, R. H. Pearson. **Per 100.....$1.50**

BELL MILLER, Springfield, Ill.

NEW LIGHT PINK CARNATION **NEW DAYBREAK**

TO THE COMMERCIAL GROWER who is looking for Profit

this variety is all that its name implies, and will at once commend itself as the old Dayhreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed-out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; **$12** per 100; **$100** per 1000
Other new and standard varieties.

CHRYSANTHEMUMS. The best new American and foreign varieties and best standard sorts.

Write for price list.

H. WEBER & SONS, Oakland, Md.

ROSE PLANTS

Strong Stock from 2½-inch pots.

	Per 100	1000		Per 100	1000
UNCLE JOHN	$20.00	$150.00	Liberty	$5.00	$40.00
Mme. Chatenay	6.00	50.00	Bridesmaid	3.00	25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
AMERICAN BEAUTY	6.00	50.00	Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000		Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00	Sunrise (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00	La France " "	7.00	65.00
			Golden Gate " "	7.00	60.00

Carnation Cuttings

WELL ROOTED. NOW READY.

White.	Per 100	1000	**Pink.**	Per 100	1000
Lady Bountiful	$12.00	$100.00	Indianapolis	$12.00	$100.00
The Bride	12.00	100.00	Enchantress	6.00	50.00
Reliance	10.00	80.00	President McKinley	4.50	40.00
Her Majesty	5.00	45.00	Mrs. Lawson	2.00	15.00
Red.			Mrs. Higinbotham	2.00	15.00
Crusader	10.00	80.00	**Variegated.**		
Flamingo	12.00	100.00	Prosperity	2.50	20.00
Estelle	2.50	20.00	Marshall Field	6.00	50.00
America	2.00	15.00	Mrs. Bradt	2.50	20.00
Harlowarden	3.00	25.00			

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal**, for next season.

Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.

35 Randolph Street, CHICAGO.

Mention The Review when you write.

The Florists' Manual is the Working Florists' Everyday Handbook. Sent carriage paid for $5.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000		Per 100	1000		Per 100	1000
Mme. CHATENAY	$6 00	$50 00	AM. BEAUTY	$6 00	$50 00	BRIDE, MAID	$3 00	$25 00
LA FRANCE	4 00	35 00	KAISERIN	3 00	25 00	PERLE, IVORY	3 00	25 00
SUNRISE	5 00	40 00	LIBERTY	5 00	40 00	GOLDEN GATE	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000		Per 100	1000		Per 100	1000
IVORY	$1 50	$12 50	BRIDE	$1 50	$12 50	PERLE	$1 50	$12 50
MAID	1 50	12 50	GOLDEN GATE	1 50	12 50	SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000	WHITE.	Per 100	1000
MRS. LAWSON	$1 25	$10 00	MURPHY'S WHITE	3 00	25 00
MRS. E. A. NELSON	2 00	18 00	FLORA HILL	1 25	10 00
GUARDIAN ANGEL	1 25	10 00	WHITE CLOUD	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00	PERU	1 25	10 00
SYBIL	3 00	25 00	QUEEN LOUISE	1 25	10 00
McKINLEY	3 00	25 00	NORWAY	1 25	10 00
JOOST	1 25	10 00	MARION	1 25	10 00
RED.			GOV. LOWNDES	3 00	25 00
ESTELLE	2 50	20 00	**VARIEGATED.**		
MRS. INE	1 25	10 00	MRS. BRADT	2 00	15 00
CHICAGO (Red Bradt)	2 00	15 00			
HARLOWARDEN, ROOSEVELT	3 00	25 00			

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

TORONTO.

The Market.

With the promise of nice weather, which started with the end of last week, our Toronto florists were beginning to look pleasant after the hard winter, but at the time of writing the temperature has dropped to about 15 degrees of frost, with an occasional snow flurry. This does not make things so promising for the handling of plants. The general outlook is that there will be plenty of Easter lilies to go around, although the orders are rushing in fast, as we find many of the out-of-town growers did not get their supply in. Roses and carnations will be scarce, while the quality promises to be good. Bulbous stock will be plentiful.

Notes.

Chas. Tidy, of S. Tidy & Son, visited New York and other points last week and brought back some novelties in the plant line. Mr. Tidy has a class of trade that is willing to pay for novelties, but unfortunately the demand is not great enough to warrant our Canadian growers going into that kind of stuff extensively.

We had a call during the week from W. F. Kasting, of Buffalo. D. J.

Riverton, N. J.—J. D. Eisele says that the past winter was one of the hardest in his recollection for the plantsmen doing a shipping trade; the weather was so severe that packing was very difficult. Since moderate temperatures have come business has been good.

Louisville, Ky.—A Mrs. Williams objected to some signs which H. G. Walker put up after he moved his flower store and he had to resort to legal measures to get her to leave the signs where they had every right to be. The result was a suit for $1,000 damages for humiliation, but the court took the matter away from the jury and ordered a verdict in favor of the defendant.

Rooted Carnation Cuttings.

TO MAKE ROOM -- Special low price to April 1st

On FLORA HILL and GUARDIAN ANGEL, Stock Best Quality, $8.00 per 1000; 5000, $35.00

PINK.	100	1000	5000
Mrs. Lawson	$1.25	$12.00	$50.00
Mrs. Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Ethel Crocker	1.25	10.00	40.00
Mrs. Joost	1.00	8.00	35.00
WHITE.			
Flora Hill	$1.00	$8.00	$35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	

RED.	100	1000	5000
G. H. Crane	$2.00	$18.00	$80.00
Estelle	2.50	20.00	.....
America	2.00	18.00	80.00
Mrs. Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	.....
LIGHT PINK.			
Higinbotham	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100; $12.50 per 1000	Golden Gate	$1.50 per 100; $12.50 per 1000
Maid	1.50 " 12.50 "	Ivory	1.50 " 12.50 "

ROSE PLANTS, 2-inch Pots.

Bridesmaids	$3.00 per 100; $25.00 per 1000	Perle	$3.00 per 100; $25.00 per 1000
Brides	3.00 " 25.00 "	Golden Gate	2.50 " 20.00 "
Ivory	$2.50 per 100; $20.00 per 1000.		

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000		100	1000
Peru	$1.50	$12.50	White Cloud	$1.50	$12.50
Lawson	1.50	12.50	America	2.00	18.00
Flora Hill	1.50	12.50	Estelle	2.00	18.00

Guardian Angel, $1.25 per 100; $10.00 per 1000.

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. **Chicago**

Salesroom: 60 WABASH AVE., Tel. Central 3067.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

THE QUEEN

is a money maker sure. Best White Carnation in sight. Stock ready now, $5.00 per hundred, $40.00 per thousand.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

Replenish Your Stock.

Easter no doubt depleted your stock of Palms and Ferns. We have a large stock in all lines (particularly Latanias in 5s, 6s and 7s and Kentias in 5s and Asparagus in all sizes). Our favorable shipping location will save you money in freight and express charges and time in transit. Let us have your order now.

WHOLESALE PRICE LIST:

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Latania Borbonica	5-in	14-16	4-6	....	$5.00	$37.50
" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1.25	....	....
" " strong	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6.00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12-in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4-in			....	1.50	12.00
" strong	4-in		3 plants in pot	....	2.00	15.00
"	5-in		3 plants in pot	....	3.00	22.00
"	6-in			....	4.50	....
" strong	6-in			....	6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" "	3-in			....	....	6.00
" "	4-in			....	1.50	10.00
Neph. Bostoniensis	2 in			....	....	3.50
" "	2½-in			....	....	4.50
Neph. Bostoniensis	3-in			....	....	$8.00
" "	4-in			....	$2.00	15.00
" "	5-in			....	3.00	....
" "	6-in			....	6.00	....
" "	7-in			....	9.00	....
" "	8-in			....	12.00	....
" "	10-in			$1 50	....	....
Ficus Elastica	4-in	10-12		....	3.00	....
" "	6-in	14-18		....	6.00	....
" "	strong			....	9.00	....
Pandanus Utilis	5-in	10-14		....	5.00	....
Cocos Weddeliana	3-in	10-12	4-5	....	2.50	....
Sanseviera Jav. Var	5-in			....	3.00	....
Poa Trivialis Var	3-in			....	....	6.00
Nephrolepis Piersoni	2-in			....	....	10.00
"	5-in			....	3.00	....
" "	6-in			1.25	....	....
" "	7-in			1.50	....	....
Anna Foster Ferns	10-in			2.50	....	....
Anna Foster Baskets	10-in			1.25	....	....
Sitolobium (Cyc.)	6-in			1.00	....	....
Cibotium Schiedei	6-in			2.00	....	....
Alsophila Australis	7-in			1.50	....	....
" "	8-in			2.50	....	....
" "	10-in			3.50	....	....
Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
" "	5-in			....	2.00	15.00
" "	7-in			....	6.00	....
Aspidium Ten.	4-in			....	1.50	12.00
" "	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
Ferns for dishes	good assortment			....	....	3.00
English Ivies	4-in			....	1.50	12.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, L. D. Phones Lake View 557 & 558. CHICAGO.

Mention The Review when you write.

Carnation Cuttings

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Jnost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
White Cloud	1.50	12.50	Flora Hill	1.50	10.00
Queen Louise	1.50	12.50	Mrs. P. Palmer	1.50	12.50
Prosperity				2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12.00
Mme. Chatenay	3.50	30.00
American Beauties	3.00	25.00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Goldeo Gates	2.50	20.00
Brides, 3-inch, extra choice	5.00	40.00
Bridesmaids, 3-inck, extra choice	5.00	40.00
Stock Beauties (2-year-old)	10.00	
Stock Liberty (2-year-old)	10.00	
Asparagus Plumosus, 3-in. pots	5.00	....
Asparagus Sprengeri, 3-in. pots	4.00	....

Above prices are cash with order.

JOHN BROD,

NILES CENTER, Illinois.

Mention The Review when you write.

Rooted Carnation Cuttings

ENCHANTRESS $6.00 per 100; $50.00 per 1000.

THE QUEEN $5.00 per 100; $40.00 per 1000.

High Grade Cuttings of these two splendid varieties now ready.

LARCHMONT NURSERY, Larchmont, N.Y.

Mention The Review when you write.

Always mention the Florista' Review when writing advertisers.

CARNATIONS

	Per 100	1000
CRUSADER, scarlet	$10 00	$80 00
FLAMINGO, scarlet	12 00	100 00
LADY BOUNTIFUL, white	12 00	100 00
THE BELLE, white	12 00	100 00
MOONLIGHT, white	10 00	75 00
INDIANAPOLIS, pink	12 00	100 00
VESPER, white	10 00	75 00
HARLOWARDEN, crimson	4 50	40 00
LILLIAN POND, white	4 50	40 00
DOROTHY WHITNEY, yellow	4 50	40 00
ESTELLE, scarlet	$3 00	$25 00
HIGINBOTHAM, light pink	4 00	30 00
BOSTON MARKET, white	3 50	27 50
MARSHALL FIELD, variegated	5 00	40 00
ENCHANTRESS, light pink	5 50	50 00
HER MAJESTY, white	4 50	40 00
PRES. McKINLEY, pink	4 50	40 00
GOV. WOLCOTT, white	4 00	30 00
MRS. LAWSON, dark pink	2 00	17 50
PROSPERITY	2 00	16 00

FAIR MAID, pink ..... $3 50 per 100; $27 50 per 1000

New Rose LA DETROIT, 2-in. stock, **$25** per 100

BOSTON FERNS, 4-in., ready for shift..... **$15** per 100.

Chicago Carnation Company, == Joliet, Ill.

JAMES HARTSHORNE, Mgr.

Mention The Review when you write.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7.00	per 100.	$60.00 per 1000	Lawson	$2.50	per 100.	$20.00 per 1000
Enchantress	6.00	"	.....	Queen Louise	2.50	"	20.00 "
McKinley	4.00	"	30.00 "	Mrs. Bradt	2.50	"	20 00 "
Estelle	4.00	"	30.00 "	Flora Hill	2.00	"	15.00 "
Nelsoo	3.50	"	30.00 "	Mrs. F. Joost	1.50	"	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., Philadelphia, Pa.

30,000 Hardy Roses

STRONG 2-YEAR-OLD, FIELD GROWN,

in the following varieties and many others. Magna Charta, Ulrich Brunner, Marg. Dickson, Mme. Gabriel Luizet, Mrs. John Laing, Gen. Jacq., Paul Neyron, Prince Camille de Rohan, A. Colomb, John Hopper, *Crimson Rambler, *Dorothy Perkins (new pink Rambler $18.00 per 100) *Maman Cochet, both pink and white, *Madam Plantier, $8.00 per 100. Prices except where noted $10.00 per 100; $90.00 per 1,000. Those marked (*) are on their own roots.

Hydrangea—Paniculate Grandiflora 3-4 feet ....$10.00 per 100
" " standard.... 30.00 per 100
Clematis—Jackmani and others, 3-year-old ..... 25.00 per 100
Aristolochia Sipho—(Dutchmans Pipe) strong.. 30.00 per 100

Bignonia Radicans—Trumpet Vine, strong.....$25.00 per 100
Wistaria Chinensis—Strong plants..... 25.00 per 100
English Ivy—Heavy, from 4½-in. pots..... 10.00 per 100
Ampelopsis Veitchii—Field grown..... 6.00 per 100

Write us for Prices on Box Wood. All sizes.

Ozone Park Nurseries, Ozone Park, Long Island, N. Y.

Mention The Review when you write.

PRESERVATION OF HEN MANURE

It has been a fact of common knowledge for a long time that, as ordinarily stored, hen manure loses a large part of its nitrogen. Little attention has been given to means of preventing these losses. The Maine Agricultural Experiment Station has made a careful study of the effects of chemicals upon the loss of nitrogen, and reached the following conclusions:

By itself, hen manure is a one-sided nitrogenous fertilizer. As usually managed, one-half or more of its nitrogen is lost, so that as ordinarily used it does not carry so great an excess of nitrogen. Because of its excess of nitrogen it will be much more economically used in connection with manures carrying phosphoric acid and potash. As both acid phosphate and kainit prevent the loss of nitrogen, it is possible to use them in connection with saw dust or some other dry material as an absorbent so as to make a well balanced fertilizer. For example, a mixture of thirty pounds of hen manure, ten pounds of saw dust or dry loam, sixteen pounds of acid phosphate, and eight pounds of kainit would carry about 1.25 per cent nitrogen, 4.5 per cent phosphoric acid, and 2 per cent potash, which, used at the rate of two tons per acre, would furnish fifty pounds nitrogen, 185 phosphoric acid and eighty pounds potash.

Chas. D. Woods, Director.

BLACK FLY ON MUMS.

My whole stock of young chrysanthemums is covered with black fly. I never had this trouble before and would like to know what to do. F. E.

The black fly is very common on chrysanthemums at all seasons of the year, and I am surprised that the subscriber has not been troubled with it before. Black fly does not seem to do much damage and long familiarity with it renders some growers indifferent to it unless it gets particularly numerous. Tobacco stems spread all around the plants will kill the fly in short order, as will also dusting the plants well with tobacco dust. Brian Boru.

Naperville, Ill.—J. R. Falkenstein, who has been in business for a couple of years and doing well, has taken W. H. Lehman into partnership. They will erect another house this spring, which will give them 6,000 feet of glass.

NEW ROSES

Cardinal and Enchantress

Read testimonials from two of the largest growers in Washington who have bought a large number of plants after seeing them growing at my place.

Washington, D. C., February 27, 1904.

Your new rose Cardinal came duly to hand and we firmly believe it will have a great future, and will certainly be a money maker as it is in a class all to itself, being superior in form and habit to anything that we have as yet seen. Your new rose Enchantress we also think will be a great money maker, judging from its profuse blooming quality, as we have seen it several times in mid-winter. It cannot help being a winner. Wishing you ever success, we remain, Yours truly, A. GUDE & BRO.

American Rose Co., 909 F St., N. W., Washington, March 17, 1904.

Dear Sir: We gave all the show possible to Enchantress and Cardinal, placing them in our window with placards telling what they were. They kept a week, retaining their brilliant color to the last. Cardinal was as full of perfume the day its petals dropped as when it was first cut. The roses are both matchless, and we believe destined to outclass all roses of their color for forcing under glass. Very sincerely yours,

AMERICAN ROSE CO., per B. D.

CARDINAL, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
ENCHANTRESS, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
Not less than 50 sold at present. Cash with order. Stock limited.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention the Review when you write

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days.

For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review.

Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

BOSTON FERNS

2½-in., 3c; 3-in., 5c; 4-in., 10c; 5-in., 25c. **Kentia Belmoreana**—3 and 4-in. pots, 12½c and 25c. **Rubbers**—20 and 25c each. **Carnation R. C**—Lawson, Prosperity, America, Cloud, Louise, Innocence, Fiorlana, Pres. Roosevelt, Manley, $2.00 per 100; $18.00 per 1000. Peru, $1.00 per 100. Extra fine Enchantress, potted early in December from 2-in. pots, $8.00 per 100.

W. W. COLES, KOKOMO, IND.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	**$2 00**	**$15 00**
Lillian Pond	**5 00**	**40 00**
Flora Hill	**2 00**	**15 00**
Mrs. Thos. Lawson	**2 50**	**20 00**
Mrs. Joost	**2 00**	**15 00**
Genevieve Lord	**2 00**	**15 00**
Mrs. Bradt	**3 00**	**25 00**
White Bradt	**6 00**	**50 00**
MacRichmond	**1 50**	**12 00**
Estelle	**3 00**	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

ROOTED CUTTINGS Verbenas, all choice named varieties. **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratum, Stella Gurney, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later. **Cash with order. Write**

S. D. BRANT - - - CLAY CENTER, KAN.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus**, 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri**, 4-in, $6.00 per 100. **Dracaena Indivisa**, 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. Foster, 45 King St., Dorchester, Mass.

DREER'S SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40 cents per dozen; $3.00 per 100; $25.00 per 1000.

Choicest Single Flowered in Mixture, 35 cents per dozen; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

TWO GREAT TUBEROUS ROOTED BEDDING BEGONIAS

DUKE ZEPPELIN AND LAFAYETTE

See colored illustration of these two varieties on cover of our new 1904 Catalogue; they are the most brilliant among all the Begonias and invaluable either as pot plants or for bedding.

Duke Zeppelin, Pure Rich Scarlet, 15 cents each; $1.50 per dozen $12.00 per 100.

Lafayette, Brilliant Crimson Scarlet, 25 cents each; $2.50 per dozen; $18.00 per 100.

NEW HYBRID FRILLED TUBEROUS BEGONIAS

A unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias. 25 cents each; $2.50 per dozen; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well-matured bulbs. Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50 cents per dozen; $4.00 per 100; $35.00 per 1000.

MISCELLANEOUS BULBS

	Per doz.	Per 100.	Per 1000
Amaryllis Formosissima	$0.30	$ 2.00	$15.00
Johnsonii	2.00	15.00	
Amorphophallus Rivieri	2.00	15.00	
Caladium, Fancy Leaved, 25 named sorts	1.25	10.00	
Choicest Mixture	1.00	8.00	
Esculentum, 6 to 8-inch bulbs	.40	3.00	
Esculentum, 8 to 10-inch bulbs	.65	5.00	
Esculentum, 10 to 12-inch bulbs	.90	7.00	
Esculentum, 12 to 13-inch bulbs	1.25	10.00	
Hyacinthus Candicans	.30	2.00	
Ismine Calathina	1.50	10.00	
Lilium Auratum, 8 to 9-inch	.75	5.00	
" " 9 to 11-inch	1.00	8.00	
" " 11 to 13-inch	1.75	14.00	
Lilium Speciosum Album and Rubrum, 7 to 9-inch	.90	6.00	
Gladiolus, American Hybrids, choicest mixture	.15	1.00	9.00
Groff's Hybrids, choicest mixture	.36	2.50	22.00
Madeira Vines	.30	2.00	15.00
Montbretias, 5 choice named varieties	.25	1.75	12.50
Tigridia Conchiflora, Grandiflora Alba and Pavonia	.30	2.00	15.00
Tuberoses, Double Pearl, selected, 6 to 8-inch	.20	1.00	8.00
Double Pearl, fine, 3 to 4-inch	.10	.60	5.00

For a complete list of all seasonable Bulbs, including the best list of up-to-date Dahlias, see current Wholesale Price List.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

CARNATIONS
ROOTED CUTTINGS
and PLANTS FROM SOIL.

Place your orders **at once** for prompt delivery. Strong, select, well rooted stock of the following varieties:

LADY BOUNTIFUL and THE BELLE,

The two largest and most prolific white carnations for 1904.

MRS. PATTEN, JUDGE HINSDALE, THE PRESIDENT and INDIANAPOLIS,

$12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Mauvina, Neptune, Aureola and Senorita.

Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Adonis, Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties: — Apollo, Stella, Harry Fenn and Lorna, $3.00 per 100; $25.00 per 1000. Gov. Wolcott and Dorothy Whitney, $4.00 per 100; $30.00 per 1000. Morning Glory and Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

Also other varieties than above mentioned in the sand and ready in a short time.

F. Dorner & Sons Co.
LA FAYETTE, IND.

ORCHIDS.

Just arrived in superb condition a large shipment of **DENDROBIUM NOBILE,** the most useful for florists; also Dend. Chrysanthum and others. To arrive — **CATTLEYA TRIANAE** and **C. GIGAS.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

Mention The Review when you write.

CHRYSANTHEMUM Headquarters.

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Largest Growers of Mums in the country.

Our stock is in the hands of experienced men and always kept up to the top notch in quality. We have now ready most of the leading commercial varieties in R. C. and 2½-in. Orders booked now for May, June and July delivery will receive benefit of prevailing price at the time of shipment. The object is to grow the stock and have plenty of time in which to fill your order. This will make matters more satisfactory all around.

Have 3000 2½-inch Christmas to spare at **$18** per 1000. Wants to be shifted and cannot spare the room. Write us immediately — **POEHLMANN BROS. CO., MORTON GROVE, ILL.**

Mention The Review when you write.

Enchantress
CARNATION.

I will have a few thousand strong rooted cuttings ready early in April.

$6.00 per 100, $50.00 per 1000.

W. K. PARTRIDGE, Station R. **Cincinnati, Ohio**

Mention The Review when you write.

Grafted Roses.

20,000 Brides and Maids.

These are on imported Manetta stock and nothing but healthy flowering wood being used.

Price, $120.00 per 1000.

Wm. A. Leonard, Lansdowne, Pa.

Mention The Review when you write.

Boston Ferns

Pot-grown plants, finest quality. 2½-inch, $3.50; 3-inch, $8.00; 4-inch, $15; 5-inch, $25 per 100. 6-inch, 40c each; 7-inch, 60c each; 8-inch, 75c each. Any number at above rates.

The accompanying cut shows only about one-fourth our stock of Bostons, of which we are making a Specialty.

We can please you -- give us a trial order.

DAVIS BROS.

MORRISON, ILL.—AND—GENEVA, ILL.

Mention The Review when you write.

Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 80c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

Mention The Review when you write.

HASTINGS, NEB.

The Dillenback Sisters are going to build two more greenhouses, which, in addition to what they have, will be ample to grow their own flowers.

John Fleischman has sold out to Mr. Sidles, who will take charge June 15.

Charlie Winkler has purchased two and one-half acres on Seventh street, a half mile from the postoffice, and will erect five more greenhouses, each 25x200 feet.

Business the last few months has been quiet, in fact more so than for several years. The winter has been very mild, only once getting down to 15 degrees below zero. This has been the mildest winter that we have had for five years. It has also been the cloudiest and carnations and roses have not done extra well.

W.

LOUISVILLE, KY.

Edward D. Morat, for many years identified with the flower business in Louisville, died after a very brief illness at the Gray Street Infirmary, March 23. Mr. Morat had been ill only a day, having suffered an attack of peritonitis Tuesday evening at his home, 3743 Grand boulevard. He was removed to the infirmary, but gradually sank until the end. Mr. Morat was born in Germany, but was brought here by his parents at an early age, and had lived here continuously since. He entered the flower business when quite young, and built up a large business. He was 49 years old and leaves a widow and three children.

PROMPT RETURNS.

Ed. Florists' Review.—There is an old saying, "Honor to whom honor is due," and we desire to give credit where it is due, and when. Our advertisement in your Special spring number has already (March 26) brought in several orders and we desire to express our appreciation of the "get-up" of the advertisement, which is most artistic and catchy.

N. Lecakes & Co.

50,000 PIERSON FERNS!

We have 50,000 fine plants of the **Pierson or Ostrich Plume Fern,** in 2½-in. pots, price **$8** per 100; **$75** per 1000.

Ficus Elastica, 12 inches high, **$2** per doz.; **$15** per 100. 15 inches high, **$2.50** " **$20** " 20 to 24 inches high.....**$4** per doz.

☞ Write for our new **Trade List,** which contains everything in the plant and rose line required. Write for it to-day.

Address **THE GOOD & REESE CO.**

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa,** strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST **Quakertown, Pa.**

Mention The Review when you write.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canarienais, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, **Troy Hill, Allegheny, Pa.**

Mention The Review when you write.

Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. **Ocean Park, Cal.**

Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

Always mention the Florists' Review when writing advertisers.

1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana and Marginata, per 1000, $20.00	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid		1.00
Asparagus Sprengeri, 2½-in	50c	3.50
Baby Primrose, "Primula Forbesii"	40c	2.00
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties, per 1000, $15.00	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.50
Hardy English Ivy, large and small leaved variety, per 1000, $15.00	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2.00
Forget-Me-Nots, large flowering	40c	2.00

	Per doz.	Per 100
GERANIUMS—$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.		
Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Le Cid, Gen. de Boiadeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot, Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovera, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.		
Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.		
Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.		
All good, strong plants.		
Holt's Mammoth Sage, per 1000, $15.00	40c	$2.00
Lemon Verbena, per 1000, $20.00	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50	40c	2.00
MANETTIA BICOLOR	50c	3.00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Sedum, variegated	40c	2.00
Smilax, per 1000, $15.00		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2.00
Tritoma Pfitzerl, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Surplus all sold. Special price withdrawn.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and HOLT'S MAMMOTH SAGE.

Cash must accompany the order.

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, White Marsh, Md.

WE OFFER

500 leading varieties of **Roses** from 2½-inch pots and 4 and 5-inch pots. All on their own roots.
70 best varieties of **Chrysanthemums.**
60 varieties of **Geraniums.**
24 varieties of **Carnations,** healthy, well rooted, 2½-inch pot plants.
25 leading varieties of **Dahlias.**
50 varieties of **Cannas.**
Violets, California, Luxonne and Lady Hume Campbell.
Flowering and Rex Begonias in variety.
Fuchsias in variety.
Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
Moonvines, Blue and White.
Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana.
Phoenix Canariensis and **Washingtonia Filifara Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
Send us your list for prices. Catalogue free for the asking.

THE DINGEE & CONARD CO.,
The Leading Rose Growers of America.
Established 1850. West Grove, Pa.

AA STOCK

GERANIUMS. Finest named vars. grown, strong and bushy 3-in., our selection, $5.00 per 100. Better order if you want something really fine.

LOBELIA Emperor William, the very finest dwarf blue, grown from cuttings, strong and bushy, full of cuttings, 2-inch, $2.00 per 100. Better order early.

PELARGONIUMS. Fancy var., mixed, strong, well branched, 3-inch, $6.00 per 100.

Nothing but First-Class Stock.

Cash—Extras added liberally.

John F. Rupp, Shiremanstown, Pa.

THE HOME OF PRIMROSES

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cresshrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.
Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

Geraniums

	Per 100.
10 varieties, 2-in. pots, $2.50; 2½-in.	$3.00
10 varieties, 3-in. pots	4.00
Alternantheras, red and yellow, April 10	2.00
Seedling Petunias, May 1	3.00
100 Pelargoniums, 2-in.	3.00

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in.	2.50
Verbena, 2-in.	2.00
E. Crocker and F. Hill, 2-in.	2.50
Asparagus Sprengeri, April 1	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $6.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

For Sale Fine Rose Plants
from 2½-inch pots.
Brides, Maids, Ivory and Perle, $3 per 100
Beauty, $5 per 100
J. F. AMMANN, -- Edwardsville, Ill.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2.50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, strong, 2½-in., $3.00 per 100. Mayer & Son, Willowstreet, Lancaster Co., Pa.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums. 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratums, 3 kinds, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

ALTERNANTHERAS.

Alternantheras, 6 varieties, 2¼-in. pots, $2.00 100; $17.50 1000.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras Pa Major and Rosea, strong rooted cuttings, 50c 100; $4.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow. Rooted cuttings, 50c 100; 2½-in., $2.00 100.
H. Ernst & Son, Washington, Mo.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Morrison, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, April 10, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 3 yrs., extra strong, $9.00 per 100, $85.00 per 1000; 2 yrs., first-class, $7.00 per 100, $65.00 per 1000; 2 yrs., selected medium size, $6.00 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, field-grown; 2 yrs., No. 1, $6.00 100, $55.00 1000; 2 yrs., X, $8.00 100, $75.00 1000; 4 yrs., XX, $10.00 100, $90.00 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots, 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100, $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri, exhibition plants, 4, 5, 6 and 7-in. pots, 15c, 25c, 35c and 75c each. Others 2½-in., 3c; 3-in., 5c; 4-in., 8c. Asparagus plumosus nanus, 3-in., $6.00 100.
J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

SPRENGERI, 2½-in., ready for 3½ or 4-in., $2.50 per 100, $20.00 per 1000. A rare bargain.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus, fine plants, 3-in. ready for 4-in., $5.00 per 100.
Miller Greenhouse, Weber Bros. Props., Ironton, Ohio.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus comorensis, extra strong select stock, 3-in., $10.00 100; 3½-in., $12.00 100.
F. Dorner & Sons Co., La Fayette, Ind.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., ready for 4-in., fine bushy plants, $5.00 per 100.
F. C. Belden, West Palm Beach, Fla.

100 Asparagus tenuissimus, 3-inch, ready for 4-inch, $6.00 100. Cash with order.
H. T. & A. H. Funnell, Huntiogton, L. I., N. Y.

Asparagus plumosus, 3-in., $5.00 100. A. Sprengeri, 3-in., $4.00 100. Cash.
John Brod, Niles Center, Ill.

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, 2-in., $3.00 100. A. Sprengeri, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus, 4-in., strong; good stock for Easter. $8.00 100. Critchell's, Avondale, Cincinnati, O.

Asparagus Sprengeri, April 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPIDISTRAS.

Aspidistras, green, $6.00 per 100 leaves; variegated, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

New Aster MISS KATE LOCK, blooms 6 to 7 inches across, stems 36 to 39 inches long. Mixed seed only. $1.00 per one-sixteenth of oz.
J. H. Lock, 41 Manchester Ave., Toronto, Can.

Astera. The best of Carlson's, three colors; Michell's Purity, and Vick's Newest, ready for 3-in., 50c 100. Will bloom in June.
Dayton Floral Co., Dayton, O.

Stokesia cyanea, plants from seed bed, $1.00 per 100 postpaid.
A. B. Campbell, Cochranville, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

AZALEAS.

Azalea mollis, well-budded, from $35.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

Azalea mollis, 30c each.
Frank Kadlec, 177 Johnston Ave., Chicago.

BAY TREES.

Bay trees, pyramids and standards, $10.00 and up. F. W. O. Schmitz, Prince Bay, N. Y.

BEGONIAS.

Fine Rex begonias, 3-in., ready for 4-in., $8.00 per 100. Aurea manicata, 2-in., $4.00 per 100. Plain green manicata, $3.00 per 100.
R. C. Begonia argenteo-guttata and Angel Wing, $2.00 per 100. Coral, Erfordii and Dewdrop, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Flowering begonias, 2¼-inch, $3.00 100. Argenteo-guttata, Thurstoni, Metallica, etc. Begonia Rex, 2-inch, $4.00 100; 3-inch, $6.00 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonias Rex, Aurea manicata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia richnifolia maculata, 2½-in., $5.00 per 100. C. W. Baker, Springfield, Ohio.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Moss, Govanstown, Md.

Begonias in var., 3 and 4-in., $5.00 100.
Geo. L. Miller Co., Newark, Ohio.

Rex begonias, 4-in., $6.00; 5-in., $12.00
W. H. Parsil, Summit, N. J.

BOG PLANTS.

Bog plants, including Dionaea muscipula, Sarracenias flava, purpurea, rubra, etc. Write for prices. James M. Lamb, Fayetteville, N. C.

BOX TREES.

Boxtrees, standards and pyramids, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BOX WOOD.

Boxwood. Holland-grown; bush, 2 ft., 75c each; pyramidal, 4½-ft., $1.00 each.
Frank Kadlec, 177 Johnston Ave., Chicago.

BULBS.

Floracroft strain prize gladioli.

	100.	1000.
Floracroft, prize mixture, 1st size..	$1.50	$10.00
Floracroft prize mixture, 2nd size.	1.00	7.50
Groff's new hybrids, 1st size.....	2.25	20.00
Orange and yellow, 1st size.....	2.50	24.00
Striped and variegated, 1st size....	2.25	20.00
Brenchleyensis, scarlet, 1st size....	1.00	8.00
Pink shades, 1st size.....	1.25	12.00
White and light, 1st size.....	1.75	15.00
American hybrids, choice mix.....	1.00	9.00
Johnson & Stokes' special mix.....	.90	6.00
	Doz.	100.
Lilium auratum, 8x9 (130 to case).	$0.75	$4.75
Lilium auratum, 9x11 (100 to case).	1.00	7.00
Lilium spec. album, 8x9 (160 to case)	.90	5.50
Lilium spec.album, 9x11 (100 to case)	1.00	7.00
Lilium spec. rubrum, 8x9 (160 to case)	.90	5.50
Lilium spec. rubrum,9x11(100 to case)	1.00	7.00

Tuberose Excelsior Double Pearl, 4-6-in., $1.00 100, $7.00 1000.
Johnson & Stokes, 217-219 Market St., Phila.

Caladium esculentums. Nothing but first-class stock.

5 to 7-in. cir.....	$0.40 doz., $2.50 100
7 to 9-in. cir.....	.60 doz., 4.00 100
9 to 12-in. cir.....	.90 doz., 7.00 100
Mammoth	1.60 doz., 13.00 100

Tuberoses. Dwarf Excelsior Pearl.

Mammoth, 6 to 8-in.....	$1.50 100,
No. 1, 4 to 6-in.....	1.00 100, $7.50 1000
Medium	.60 100, 4.50 1000

Frank Kadlec, 177 Johnston Ave., Chicago.

Begonias, caladiums, cannas, amaryllis, gladioli, gloxinias, Lilium auratum, rubrum, album, Harrisii, lily of valley, iris, Tuberose Ex. Pearl, dbl., freesia, callas, oxalis, French and Dutch bulbs, azaleas. We can save you money on early orders. For varieties and prices address
H. H. Berger & Co., 47 Barclay St., N. Y.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Tuberose bulbs. Dwarf Pearl and Tall Double; prime quality; nice stock. Also all bulbs for spring planting. Send for our wholesale list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection planta, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

10,000 Ismene calathina, fine bulbs. First size, large bulbs, $8.00 100; $70.00 1000. Second size, blooming bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

We are growers and wholesale dealers in high-class flowering bulbs. Prices to the wholesale trade only on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Spotted calla bulbs, 1 to 1½-inch, good, $1.50 100; 1½ to 2-inch, $2.00 100. Cash.
H. T. & A. H. Fannell, Huntington, L. I., N. Y.

Caladium bulbs, 5-7, $3.00, 7 to 9, $4.50; mammoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

Tuberoses, Excelsior Pearl, 4-6, $6.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

Bulbs and tubers. Write us for prices.
W. C. Beckert, Allegheny, Pa.

CANNAS.

The Empress, the best dwarf crimson, from pots, $1.50 doz., $10.00 100.
Alcona, resembles The Empress, but not as dwarf, from pots, 30c ea., $3.00 doz.
Oscoda, resembles Queen Charlotte, but more dwarf, from pots, 30c ea., $3.00 doz.
Elizabeth Hoss, large flower of Fl. Vaughan type, dormant, $1.25 doz., $8.00 100.
Standard varieties, 2-eye dormant pieces, $2.00 100—Chas. Henderson, Countess of Breteuil, Golden Bedder, Hofgartendirektor Walther, J. C. Rochaine, Mme. A. Blanc, Mme. L. Druz, Pierson's Premier, Souv. de Mme. Nardy, Chas. Molin, F. Vaughan, Herman Fisher, Leopard, Maple Avenue, Oscar Dannacker, Pres. Meyer.
Many other standard sorts in stock. Descriptions and prices on application.
Nathan Smith & Son, Adrian, Mich.

Pres. McKinley	Kronos	Robusta
Pres. Cleveland	Ad. Dewey	Egandale
Chas. Henderson	Peach Blue	L. Vaughan
Alphonse Bonvier	R. Christie	Mlle. Berat
Ex. Crampbell	Defender	America
Chicago	Eisele	Shenandoah
Duke Marlboro	Berckmans	Burbank
Fl. Vaughan	Alsace	Eldorado
Fl. Vaughan (dwarf)	Black Prince	Mme. Crozy
Paul Marquant	Avellan	
	Alemannia	

Empress of India, fine pink.
$1.25 per 100; $10.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100.	Pres. Cleveland.
Bassett's Red, $3.00 100.	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	Souv. de A. Crozy.
Florence Vaughan.	

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

THREE NEW CANNAS.

HON. W. R. HEARST, large, free bloomer; scarlet, mottled and edged with golden yellow; outside of petals almost pure yellow; first in bloom.
SENATOR HANNA, large flower; pure orange, tinged with golden yellow.
MRS. JOHN A. LOGAN, vigorous grower; scarlet, with broad yellow golden border; resembles Queen Charlotte.
Any of the above $1.00 each. Cash.
H. D. Seele, Canna Specialist, Elkhart, Ind.

200,000 Canna roots. Alemannia, Alsace, Austria, Burbank, Coronet, Chas. Henderson, Chris. Viard, Denil St. Geroy, Flaccida, F. Vaughan, Jacksonii, J. C. Vaughan, John Laing, Madame Crozy, Manrice Mussey, Paul Marquant, Peachblow, Queen Charlotte, Robusta, Shenandoah and other new and rare varieties, $6.00 to $12.00 per 1000. Freight prepaid to New York, Boston or Philadelphia.
Griffing Brothers Co., Jacksonville, Fla.

Cannas L. Patry, Francois Reif, Pres. Cleveland, Chas. Henderson, Sec'y Chabanne, Alemannia, Burbank. About 9,000 or 10,000 of the above varieties to close out for the season. I offer your selection at 80c per 100. My selection in assortment of not less than 500 lots at 60c per 100. Perfectly sound and true to name. Express shipments made in light plant baskets.
Theodora S. Ellis, Griffin, Ga.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

New canna. WEST VIRGINIA, the earliest and best bloomer yet produced, strong roots. $1.50 per 100; stock limited. Chas. Henderson, $1.25 per 100. A. Bouvier, $1.25 per 100.
Gus Obermeyer, Parkersburg, W. Va.

15,000 cannas, good, live eyes, for cash prices. Gloriosa and Rosemawr at $1.50 per 100. Chas. Henderson, Queen Charlotte, Mme. Crozy, Mlle. Berat at $1.25 per 100. The canna man
A. B. Campbell, Cochranville, Pa.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas, best sorts, strong tubers, $1.00 100; $10.00 per 1000.
Batavia Greenhouses, Batavia, Ill.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

20,000 canna roots, mixed, best sorts, $12.00 1000. W. G. Eisele, West End, N. J.

CARNATIONS.

Rooted cuttings. Our carnations are not excelled for quality by anything in the Chicago Cut Flower Market, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every cutting we sent out last year gave good satisfaction and stock will be even better this year. Every cutting well rooted when shipped.

THESE VARIETIES NOW READY.

Red—	100.	1000.	White—	100.	1000.
Palmer	$2.00	$15.00	Q. Louise.	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden.	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am.	1.50	12.50
W. Cloud.	1.50	12.50	Lawson	1.50	12.50
Flora Hill.	1.50	12.50	G. Angel.	1.25	10.00
			Cressbrook.	1.50	12.50

Cash with order or references from unknown parties.
Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.
WIETOR BROS., 51 Wabash Ave., Chicago.

Special low prices for 10 days on rooted carnation cuttings.

Pink	100.	1000.	5000.
Lawson	$1.25	$12.00	$50.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.00	8.00	35.00
Red.			
Crane	2.00	18.00	80.00
Estelle	2.50	20.00	
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	
White.			
Hill	1.00	8.00	35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	
Light Pink.			
Higinbotham	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties:

Lady Bountiful	Judge Hinsdale
The Bell	The President
Mrs. Patten	Indianapolis

$12.00 per 100; $100.00 per 1000.
A very profitable and novel set, of bright shades, odd colors and very attractive—Bizarre Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100.	1000.		100.	1000.
Adonis	$6.00	$50	Apollo	$3.00	$25
Harlowarden.	6.00	50	Stella	3.00	25
McKinley	5.00	40	H. Fenn	3.00	25
M. Field	5.00	40	Lorna	3.00	25
Mrs. Roosevelt	5.00	40	Wolcott	4.00	30
Gov. Lowndes	5.00	40	D. Whitney.	4.00	30
M. Glory	2.50	20	G. Roosevelt.	2.50	20

F. Dorner & Sons Co., Lafayette, Ind.

Carnations, 2½-in. pots.

	100.	1000.		100.	1000.
Her Majesty	$6	$50	Harlowarden	$6	$50
Lawson	5	40	Prosperity	5	40

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Strongly rooted carnations. Grown out of doors and rooted without heat:

	100.	1000.		100.	1000.
Q. Louise.	$1.20	$10.00	Cressbrook	$2.50	$20.00
F. Hill	1.20	10.00	Eldorado	1.00	9.00
Alba	2.50	25.00	Palmer	1.20	10.00
Wolcott	3.40	30.00	Apollo	3.50	30.00
Norway	1.00	9.00	Adonis	7.00	65.00
L. Pond	5.00	45.00	Manley	3.50	30.00
Chicot	1.00	9.00	Crane	1.20	10.00
V. Allen	3.00	25.00	America	1.20	10.00
Lawson	1.40	12.50	H'lowarden	5.00	45.00
Joost	1.20	10.00	Roosevelt	1.20	11.00
Mermaid	1.20	10.00	M. Field	3.00	25.00
Mrs. R'velt	6.00	55.00	Stella	3.00	25.00
Success	2.50	20.00	Armazindy.	.90	8.00
P. McK'ley	3.00	25.00	Gaiety	2.00	18.00
Prosperity	1.40	12.00			

25 at 100 rate. 250 at 1000 rate. 2500 at 5000 rate. We prepay express charges and will ship C. O. D. with privilege of examination.
Loomis Floral Co., Loomis, Cal.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Murphy's		
Nelson	2.00	18.00	White	$3.00	$25.00
G'n Angel	1.25	10.00	Flora Hill.	1.25	10.00
H'botham.	2.00	15.00	Wh. Cloud.	1.25	10.00
Sybil	3.00	25.00	Peru	1.25	10.00
McKinley	3.00	25.00	Q'n Louise.	1.25	10.00
Joost	1.25	10.00	Norway	1.25	10.00
Estelle	2.50	20.00	Gov. L'ndes	3.00	25.00
Mrs. Ine	1.25	10.00	Marion	1.25	10.00
Chicago (Red Bradt)	2.00	15.00	Bradt	2.00	15.00
H'low'den	3.00	25.00	Roosevelt	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson.	3.00
Mrs. P. Palmer	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Floriana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. Market.	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Dorothy	2.00	17.50
Glacier	2.00	17.50	Joost	2.00	17.50
Norway	2.00	17.50	Nelson	2.00	17.50
Lorna	2.00	17.50	Triumph	1.50	12.50
W. Cloud.	1.50	12.50	Fairmaid	3.00	25.00
Bradt	3.00	25.00	Elma	3.00	25.00
Prosperity.	2.50	20.00	M. Glory.	2.00	17.50
Gaiety	2.50	20.00	Success	1.50	12.50
Stella	2.50	20.00	G. Roosevelt	2.50	20.00
Adonis	7.00	65.00	Gomez	1.50	12.50
Manley	4.00	35.00	Maceo	1.50	12.50
Estelle	3.00	25.00	Crane	2.50	20.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Bountiful	$12.00	$100	Harlowarden.	$3.00	$ 25
The Bride.	12.00	100	Indianapolis.	12.00	100
Reliance	10.00	80	Enchantress.	6.00	50
Her Majesty	5.00	45	McKinley	4.50	40
B. Market	4.00	35	Lawson	2.00	15
Crusader	10.00	80	Higinbotham	2.00	15
Flamingo	12.00	100	Prosperity	2.50	20
Estelle	2.50	20	M. Field	6.00	50
America	2.00	15	Bradt	2.50	20

We have all the standard varieties and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

FIANCÉE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1,000, $100.00.

	100.	1000.		100.	1000.
Crusader.	$10.00	$80.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W. Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful.	12.00	100.00	Wolcott	4.00	30.00
The Belle.	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity.	2.00	16.00
Ind'npolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den.	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market.	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Carnation and chrysanthemum rooted cuttings. All the leading commercial varieties of carnations and a fine lot of Timothy Eaton, Col. Appleton, Kulb and Glory of Pacific chrysanthemums. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

CARNATIONS—Continued.

Carnation plants, strong and healthy, from 2-in. pot.

	100.	1000.		100.	1000.
F. Hill	$2.50	$20	Dorothy	$4.00	$40
Q. Louise	2.50	20	Cressbrook	5.00	50
Norway	3.00	30	Enchantress	10.00	95
Lorna	4.00	40	G. Angel	4.00	35
Glacier	3.50	30	Crane	3.00	25
Alba	5.00	50	America	3.00	25
Peru	5.00	45	Kennicott	2.50	20
B. Market	7.00	70	Roosevelt	4.00	40
Joost	2.50	20	Mrs. Bradt	3.00	25
M. Glory	2.50	20	Stella	5.00	50
G. Lord	2.50	20	Gold Nugget	3.00	
Lawson	5.00	45			

Batavia Greenhouses, Batavia, Ill.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
N. Daybreak	$12.00	$100	Estelle	$4.00	$35
Lowndes	6.00	50	Lawson	3.00	25
Enchantress	6.00	50	Lord	2.50	20
Harlowarden	6.00	50	Prosperity	3.00	25
Adonis	8.00	70	Lorna	2.50	20
Norway	2.50	20	Fair Maid	3.00	25
Nelson	4.00	35	Wolcott	4.00	35

Other new and standard varieties. Stock is in fine condition and ready for immediate shipment. H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings now ready.

	100.	1000.		100.	1000.
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00		Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market. $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.

Wm. C. Smith, 61st & Market, Philadelphia.

Rooted carnation cuttings.

	Per 100.		Per 100.
Flamingo	$12.00	Morning Glory	$2.00
Boston Market	4.00	Mrs. Lawson	2.50
Fair Maid	4.00	Cressbrook	2.50
Roosevelt	2.50	Flora Hill, Imp.	2.50
Harry Fenn	3.00	Queen Louise	1.50
Maceo	2.00	Eldorado	1.25

Write for special discount quantities.

C. E. Dickerman, 21 Mill St., Dorchester, Mass.

Carnation cuttings. Well-rooted, strong, healthy.

	100.	1000.		100.	1000.
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	America	1.50	12.50
W. Cloud	1.50	12.50	Hill	1.50	10.00
Q. Louise	1.50	12.50	Palmer	1.50	12.50
Mrs. Ine	1.25	9.00			

John Brod, Niles Center, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnation cuttings, strongly rooted and free from disease:

	100.	1000.		100.	1000.
Lawson	$2.00	$20.00	W. Cloud	$1.75	$15.00
Dorothy	1.50		Hill	1.50	12.50
Joost	1.25	10.00	Crane	2.00	20.00
Marquis	1.50	15.00	Prosperity	1.50	14.00
Glacier	2.00	20.00			

Buckley Plant Co., Springfield, Ill.

Carnation cuttings.

	100.	1000.		100.	1000.
Ench'tress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. W'cott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. R'velt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

Bell Miller, Springfield, Ill.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.

Swan Peterson Floral Co., Gibson City, Ill.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.

C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttings, strong, healthy stock.

Flora Hill	$1.50 100,	$12.50 1000
Mrs. Lawson	2.25 100,	20.00 1000
Prosperity	3.00 100,	27.50 1000

Cash with order, please.

John Curwen, Glenhead, L. I., N. Y.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$1.50	$12.50	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.00	18.00	Estelle	2.00	18.00
G. Angel	1.25	10.00			

H. Hansen, 4016 No. Clark St., Chicago.

Rooted carnation cuttings, first-class stock.

	100.	1000.		100.	1000.
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations, extra fine stock.

	100.	1000.		100.	1000.
Ench'tress	$4.75	$45.00	Prosperity	$1.60	$15.50
Queen	3.50	30.00	Lawson	1.60	15.50

Also other varieties at equally low prices. Cash with order.

B. Merkel & Sons, Carlstadt, N. J.

Having a surplus of rooted cuttings of Joost carnations, I offer to sell at $1.00 per 100 or exchange for the following varieties: Peru, Her Majesty, America, Roosevelt, Crane or Mrs. H. Weeks mum cuttings.

S. S. Brenneman, Webb City, Mo.

Carnation rooted cuttings. Cash with order.

	100.	1000.		100.	1000.
Lawson	$1.25	$12.00	G. Angel	$1.00	$7.50
Crane	1.25	12.00	Hill	1.00	8.00
Joost	1.00	7.50	Lord	1.00	7.50

J. J. Lampert, Xenia, Ohio.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnation cuttings, 1000 Queen Louise; 2500 Flora Hill; 5000 Mrs. Joost, $1.25 per 100; $10.00 per 1000. These cuttings are well rooted and free from disease. Cash with order or C. O. D. W. B. Girvin, Leola, Pa.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.

Crown Point Floral Co., Crown Point, Ind.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.

Baur & Smith, W. 38th, Indianapolis, Ind.

Rooted cuttings of Lawson, Prosperity, America, Cloud, Louise, Innocence, Floriana, Pres. Roosevelt, Manley, $2.00 100; $18.00 1000. Peru, $1.00 100. Enchantress, 2-in., $8.00 100.

W. W. Coles, Kokomo, Ind.

Carnations for summer bloming. Mrs. Fisher, $2 00 1000. Wm. Scott, $15.00 1000. Strong, healthy plants from soil. We guarantee satisfaction.

Leo Niessen, 1217 Arch St., Philadelphia.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

ENCHANTRESS. I shall have a few thousand strong, rooted cuttings ready early in April. Price, $6.00 100; $50.00 1000.

W. K. Partridge, Sta. R, Cincinnati, O.

We have a small surplus of carefully selected, well-rooted carnation cutting. Write us if you are looking for the best stock.

Bassett & Washburn, 76 Wabash Ave., Chicago.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.

F. R. Pierson Co., Tarrytown, N. Y.

The Queen is the best white carnation in sight. Stock ready now. Price, $5.00 100; $40.00 1000.

S. S. Skidelsky, 708 No. 16th St., Phila.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

Carnation cuttings, fine, healthy, strong rooted plants of Scott, $1.00 per 100, $7.50 per 1000.

A. Urig, Alliance, Ohio.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.

Wm. Swayne, Box 226, Kennett Square, Pa.

Rooted cuttings of Flora Hill, Lawson and Peru, extra fine stock, $9.00 per 1000.

A. L. Randall Co., 19-21 Randolph St., Chicago.

Clean, well-rooted cuttings of Joost, Crocker, McGowan; while they last, 85c 100.

Wm. B. Lovell, Sabula, Iowa.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.

The Dingee & Conard Co., West Grove, Pa.

Rooted carnation cuttings. Send for prices and varieties.

H. Ernst & Son, Washington, Mo.

Carnations. Crocker and Hill, 2-in., $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

CENTAUREAS.

Centaurea gymnocarpa, transplanted seedlings, 60c 100; $5.00 1000. Cash.

Edw. Eggert, 42 Whiting St., New Britain, Conn.

Centaurea gymnocarpa, 2-in., $2.00 100. Cash.

C. P. Dieterich & Bro., Mayaville, Ky.

CHRYSANTHEMUMS.

Chrysanthemums. White.	Rooted cuttings R. C., per 100.	2-inch, per 100.
Timothy Eaton	$2.00	$3.00
W. H. Chadwick	2.00	3.00
White Bonnaffon	1.50	2.50
Minnie Wanamaker	1.50	2.50
Geo. S. Kalb	1.50	2.50
Estelle	1.50	2.50
Mrs. Robinson	1.50	2.50
Ivory	1.50	2.50
Merry Christmas	1.50	2.50
Yellow.		
Golden Wedding	1.50	2.50
Golden Beauty	1.50	2.50
October Sunshine	1.50	2.50
Col. Appleton	1.50	2.50
Major Bonnaffon	1.50	2.50
Pink.		
Mrs. Murdock	1.50	2.50
Viviand-Morel	1.50	2.50
Mrs. Perrin	1.50	2.50
Glory of Pacific	1.50	2.50

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

Cash with order or references from unknown parties.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted chrysanthemum cuttings.

Lady Fitzwygram	Nivena
Yellow Fitzwygram	Mutual Friend
G. S. Kalb	Helen Bloodgood
Monrovia	White Ivory
Florence Teal	Pink Ivory
Glory of Pacific	Cullingfordii
Polly Rose	Adula
Willowbrook	Jerome Jones
Golden Trophy	Blackhawk
Mrs. H. Robinson	Golden Wedding
Appleton	W. H. Lincoln
Minerva	Maud Dean
J. W. Childs	Nagoya
John Shrimpton	Timothy Eaton
Philadelphia	Mme. F. Perrin
Viviand-Morel	Bonnaffon
Halliday	

$1.50 per 100; $12.50 per 1000.

Cash with order, or good references.

WM. F. KASTING, Buffalo, N. Y.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Yanoma, Lincoln, Moorovia, John Shrimpton, Nagoya, Rieman, Mrs. Coombes, from sand, $2.00 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Nivens, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, white; Willowbrook, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.

G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Cool-grown chrysanthemums, ready April 10.

	R. C.	2¼-in.
Bonnaffon	$1.50	$2.50
Pacific	1.50	2.50
Polly Rose	1.50	2.50
Appleton	1.50	2.50
White Ivory	1.50	2.50
Pink Ivory	1.50	2.50
Jerome Jones	1.50	2.50

Special price by the 1000. The above stock has been kept in houses without heat and is clean, healthy and strong.

George Mathews, Great Neck, L. I., N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100.

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.

H. N. EATON, South Sudbury, Mass.

We are the largest growers of mums in the country. Our stock is always kept up to the top notch in quality. Orders booked now for rooted cuttings and 2½-in. for May, June and July delivery will receive the benefit of prevailing prices at the time of shipment.

We have 3000 2½-in. Merry Christmas to spare at $18.00 per 1000. They need to be shifted, but we can't spare the room. Write immediately.

Poehlmann Bros. Co., Morton Grove, Ill.

Rooted chrysanthemum cuttings, $1.50 100.

Kalb.	V. Morel	Harry Parr
Willowbrook	J. K. Shaw	R. Halliday
Polly Rose	Mrs. Coombes	Mrs. E. D. Smith
Queen	M. Calvat	Yellow Jones
Mrs. J. Jones	Mrs. Murdock	Mayflower
T. Eaton	Mrs. Perrin	C. Appleton
M. Xmas	Maud Dean	G. Wedding
Chadwick	Pres. Smith	Pennsylvania
Opah	Woodford	M. Bonnaffon
Lady Harriet	H. Bloodgood	Goldmine.
Sunshine	R. H. Pearson	

Bell Miller, Springfield, Ill.

Chrysanthemum rooted cuttings, $1.25 per 100; $10.00 per 1000:

1000 Polly Rose, 1000 Willowbrook, 350 Soliel de Octobre, 450 Florence Teal, 250 Marion Henderson, 150 Viviand-Morel, 1200 Glory of Pacific, 750 Ivory, 600 Pink Ivory, 100 Sbaw, 175 Yellow Chadwick, 100 Chadwick, 250 Timothy Eaton, 150 Yellow Eaton.

W. J. Palmer & Son, Lancaster, N. Y.

Chrysanthemums, rooted cuttings. Mrs. Coombe, $2.50 100. Black Hawk, Col. D. Appleton, Cremo, Estelle, Pacific, J. K. Shaw, John Shrimpton, Bonnaffon, Mrs. H. Robinson, Mrs. H. Weeks, Mrs. O. P. Bassett, Mutual Friend, October Sunshine, Polly Rose, White Bonnaffon, Willowbrook, $2.00 100.

Edw. J. Taylor, Southport, Conn.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.

Chase & Son, New London, O.

Chrysanthemum cuttings, Major Bonnaffon, Mrs. Robinson, Golden Wedding, $1.00 per 100. Chadwick cuttings later.

Otto Hansen, Mont Clare, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.

CLUCAS & RODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Chrysanthemum White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.

A. Rasmussen, New Albany, Ind.

Chrysanthemum rooted cuttings, leading standard varieties, $1.25 100.

Wm. Schwan, 89 Risley St., Fredonia, N. Y.

70 best varieties of chrysanthemums. Send for list and prices.

The Dingee & Conard Co., West Grove, Pa.

Chrysanthemums, young plants, $2.50 per 100.

The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Cineraria maritima (candidissima), fine, strong plants, 2¼-in. pots, $2.50 per 100. Ready after April 1.

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

CLEMATIS.

Clematis, Holland-grown, large fig., $3.60 per doz., $25.00 per 100. Jackmani, Gypsy Queen, Henryi; Mme. Baron Veillard, pink; Mme. Edward Andre, red.

Frank Kadlec, 177 Johnston Ave., Chicago.

CLEMATIS, 1-yr., strong, $10.00 per 100, $90.00 per 1000. Henryi, Jackmani, Lanuginosa candida, Mme. Baron Veillard, Mme. Andre, etc. JACKSON & PERKINS CO., Newark, New York.

Clematis, strong 2 and 3 yr., $3.00 doz. C. paniculata, 2 and 3 yr. $1.00 doz. All outdoor grown. F. A. Baller, Bloomington, Ill.

Clematis Jackmanii, field-roots $12.00 per 100. Sample mailed for 15 cents.

O. H. Drew, Hibernia, New York.

Clematis paniculata, 2½-in., $3.00 100; 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COBAEAS.

Cobaea scandens, from flats, once transplanted, ready to pot, nice stock, $1.25 100. Cash.

Wm. Bierstadt & Son, Springfield, Ill.

COLEUS.

Coleus rooted cuttings, 15 bedding varieties, including Verschaffeltii and Golden Bedder, 60c 100, $5.00 1000; 2¼-in. pots, $2.00 100, $15.00 1000. All orders filled in rotation from April 1.

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.

Frank A. Pierson, Cromwell, Conn.

Coleus in 10 choice var., 2-in., $2.00 100; $18.00 1000; rooted cuttings, $5.00 1000. Golden Bedder, Verschaffeltii, 2-in., $2.50 100; rooted cuttings, $6.00 1000.

Geo. L. Miller Co., Newark, Ohio.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c.

N. O. Caswell, Delavan, Ill.

Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.

The Livingston Seed Co., Columbus, O.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.

L. H. Foster, Dorchester, Mass.

Coleus in 10 varieties, 2-in., 35c doz. Rooted cuttings, 75c per 100. Fine assortment.

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Boston and Piersoni ferns, pot-grown plants of finest quality. Boston—2½-in., $3.50; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., 40c ea.; 7-in., 60c ea.; 8-in., 75c ea. Any number at above prices. Cash. Davis Bros., Geneva, Ill.

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Green ash	3 to 5 ft.	.80	6.00
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Sunrise	5.00	40.00	Bride	3.00	25.00
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ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
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TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

The grand new red rose, Etoile de France (hybrid tea), the queen of the red roses for forcing, is a brilliant color and is much more vigorous and is easier to grow than Liberty. Description, prices and condition of sale sent free on application to the raiser.
J. Pernet-Ducher, Venissieux, Lyons, France.

ROSE PLANTS, 2½-INCH STOCK.

	100.	1000.		100.	1000.
Brides	$3.00	$25.00	Kaiserins	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Every order shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

Cash with order or references from unknown parties.

WIETOR BROS., 51 Wabash Ave., Chicago.

Rose plants, strong, 2½-in. stock.

	100.	1000.		100.	1000.
Uncle John	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridemaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	La France	$7.00	$65.00
Liberty	8.00	70.00	G. Gate	$1.50	$12.50
Sunrise	8.00	70.00			

The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.

Rose plants, strong 2½-in. stock Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Stock Beauties, Liberties, $10.00 100. Cash.

John Brod, Niles Center, Ill.

FIELD-GROWN ROSES on own roots Crimson Rambler, 1-yr., 18-24 in., fine, $6.00 per 100, $55.00 per 1000. Dorothy Perkins, 1-yr., 18-24 in., $10.00 per 100; 2 yrs., strong, $15.00 per 100. Mme. Plantier, 3-4 ft., extra strong, $6.00 per 100. Caprice and Magna Charta, extra strong, $8.00 per 100. La France, No. 1, $10.00 per 100. Send for list of other varieties.

JACKSON & PERKINS CO., Newark, New York.

Rose plants, 2-inch stock.

	100.	1000.		100.	1000.
Bridesmaid	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00			

Rooted rose cuttings.

Bride	1.50	12.50	Maid	1.50	12.50
G. Gate	1.50	12.50	Ivory	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. American Beauty, rooted cuttings $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.

J. F. WILCOX, Council Bluffs, Iowa.

AMERICAN BEAUTIES, clean, healthy stock.
2-in., $5.00 per 100; $40.00 per 1000.
3-in., $6.00 per 100; $50.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.

Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Franz Deegen, $18.00 per 100.
Ready now.
S. J. Renter, Westerly, R. I.

Roses, low-budded, all Holland-grown. Climbing, all 4 to 5 ft. Crimson Rambler, Pink Rambler, White Rambler, Seven Sisters, Queen of the Prairie, Baltimore Belle, per 10, $2.50; per 100 ass't, $20.00. H. P. roses in 14 varieties, per 10, $1.30; per 100 ass't, $11.00.

Frank Kadlec, 177 Johnston Ave., Chicago.

Grafted roses, stock in perfect condition and can make immediate shipment. Bride and Bridesmaid, 2½-inch stock, $12.00 100; $100.00 1000. American Beauty, stock, 2¼-inch pots, 3000 ready for immediate shipment, 3000 in two weeks, $6.00 100; $60.00 1000.

Edw. J. Taylor, Southport, Conn.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.

W. H. ELLIOTT, BRIGHTON, MASS.

Rose plants from 2¼-inch pots.

	100	1000
Bridesmaid	$3.00	$25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00
Ivory	4.00	

Geo. W. Waterfield, Chestnut Hill, Phila., Pa.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Brides and Maids, $12.00 per 100; Liberties, $15.00 per 100.

Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.

Bassett & Washburn, 76 Wabash Ave., Chicago.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots, Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100.

J. L. Dillon, Bloomsburg, Pa.

AMERICAN BEAUTIES, strong, 2½-in. pot plants, $5.00 per 100; $40.00 per 1000.

White and Pink Maman Cochet, $25.00 per 1000.

Chas. W. Reimers, Hite Ave., Louisville, Ky.

Rose plants, fine, healthy and strong, from 2-in. pots—Brides, Maids, $2.50 100, $20.00 1000. Sunrise, $4.00 100.

Old plants of Liberty and Sunrise for sale in June.

E. T. Grave, Richmond, Ind.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Grafted roses on Manetti stock, $12.00 100; $100.00 1000. The varieties are Bridesmaid, Bride, Golden Gate, Ivory and F. Deegen.

S. S. Pennock, 1612 Ludlow St., Philadelphia.

Grafted roses, 20,000 Brides and Maids, on imported Manetti stocks and nothing used but healthy, flowering wood, $120.00 1000.

Wm. A. Leonard, Lansdowne, Pa.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine disbudded plants. Prices and samples upon application.

Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.

L. B. Coddington, Murray Hill, N. J.

Roses, 700 American Beauty plants, 2½-in.; good stock. Will sell cheap or trade for young chrysanthemums. Write.

Ben. L. Elliott, Cheswick, Pa.

10,000 Bridesmaid cuttings, strongly rooted. $1.50 100; $12.50 1000. Bride, rooted cuttings, $1.50 100; $15.00 1000.

H. S. Courtney, Sparkill, N. Y.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., 6.00 per 100; $50.00 per 1000.

Robt. Scott & Son, Sharon Hill, Pa.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.

The Dingee & Conard Co., West Grove, Pa.

Brides, Maids, Ivory, Perle, fine 2½-in. stock, $3.00 100; Beauties, $5.00 100.

J. F. Ammann, Edwardsville, Ill.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.

Crabb & Hunter, Grand Rapids, Mich.

Roses, 150,000 field-grown and in pots. Send for our list and prices.

Elizabeth Nursery Co., Elizabeth, N. J.

H. P. roses, leading market varieties, $10.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

Kaiserin roses, good plants, 3-in., $8.00 100. Cash. C. E. Meehan, Mt. Airy, Phila., Pa.

ROSE STOCKS.

Manetti stock for fall delivery.

HIRAM T. JONES, Elizabeth, N. J.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

RUBBERS.

Ficus elastica, 12 inches high, $2.00 doz.; $15.00 100; 15 inches high, $2.50 doz., $20.00 100; 20 to 24 inches high, $4.00 doz.

Good & Reese Co., Springfield, O.

Rubbers, 20 and 25c each.

W. W. Coles, Kokomo, Ind.

Ficus elastica. Write me.

L. H. Foster, Dorchester, Mass.

Rubber plants, 10 to 15 in. high, $3.00 doz.

Geo. L. Miller Co., Newark, Ohio

SALVIAS.

Holt's Mammoth sage, plants out of 2½-in. pots, 60c doz., 25 plants for $1.00 postpaid; by express not prepaid, 100 for $2.75, 500 for $12.00. Cash with order.

Livingston Seed Co., Columbus, O.

Salvias, Bonfire, Silverspot and Splendens, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.

R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Bonfire, transplanted seedlings, 60c 100; $5.00 1000. Cash.

Edw. Eggert, 42 Whiting St., New Britain, Conn.

Salvia splendens, President and Fireball, 2-inch, $2.00 100. Cash.

C. P. Dieterich & Bro., Maysville, Ky.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 per 100.

E. B. Randolph, Delavan, Ill.

Salvias, $1.00 100; $8.00 1000. Exp. paid Cash. S. D. Braut, Clay Center, Kan.

Salvias, nice 2¼-in. stock, $2.00 per 100.

W. H. Parsil, Summit, N. J.

SEEDS.

ASPARAGUS SEED—CROP 1903.

Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.

Plumosus robustus, new type, strong and rapid grower, best for cutting, 100 seeds, $1.00; 1000 seeds, $9.00.

Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.

Best quality of flower seeds for florists. Send for catalogue.

MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophylia australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.

Theodosia B. Shepherd Co., Ventura, Cal.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.

CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

To introduce the celebrated
LONG ISLAND CABBAGE SEED
I will mail FREE one packet Early, Second Early, Summer, Fall or Winter, and for 10 cents I will add four ¼ oz. packets.

FRANCIS BRILL, Hempstead, L. I., N. Y.

Asparagus plumosus seed, new crop, greenhouse grown, will germinate nearly 100 per cent, $1.00 100; $7.50 1000. Asparagus Sprengeri seed, new crop, 15c 100; $1.00 1000. Special price on large lots. Send for catalogue.

H. F. Michell Co., 1018 Market St., Phila.

Our seed catalogue describes the largest collection of flower seeds offered in England. Including many rare species not to be obtained elsewhere. Free on application. Thompson & Morgan, 5 Carr St., Ipswich, England.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.

STUMPP & WALTER CO., 50 Barclay St., N. Y.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.

C. Hoist, opp. Greenwood Cemetery, New Orleans, La.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Asparagus plumosus nanus seed, fresh from the vines, every seed germinating, 75c 100, $5.50 1000, $45.00 10,000.

H. H. Berger & Co., 47 Barclay St., N. Y.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.

Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.

Weeber & Don, 114 Chambers St., New York.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000, 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.

J. W. Ross, E. Colo. St., Pasadena, Cal.

New crop Asparagus plumosus and Sprengeri seed. Special price on large quantities.

S. S. Pennock, 1612 Ludlow St., Phila.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.

W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 Asparagus plumosus nanus seeds at $5.00 per 1000. Cash with order.

L. Ullrich, Tiffin, Ohio.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.

Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $6.50 1000. Express prepaid.

California Carnation Co., Loomis Cal.

SEEDS—Continued.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SMALL FRUIT PLANTS.

The GIGANTIC EVER-BEARING BLACKBERRY bears from 50 to 100 gals. of fruit in one season, from the middle of July until frost sets in; grows 30 to 50 ft. long; can be laid down and covered over in winter. Plants 5c each. Cash with order.
E. Vallet, Box 205, Nauvoo, Ill.

Strawberry plants, nearly 50 var. New and old sorts. 10,000 grape vines. 100,000 raspberry plants, leading var. It will pay you to get our catalogue.
Elmhurst Nursery & Fruit Farm, Argentine, Kan.

The McPIKE GRAPE. Send to headquarters for genuine vines. Largest, hardiest, most delicious, most prolific grape known.
Edwin H. Riehl, North Alton, Ill.

SMILAX.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax from flats, 30c per 100 by mail; $2.50 per 1000. Cash with order.
Joseph Wood, Spring Valley, N. Y.

Smilax seedlings, 20c per 100, $1.50 per 1000, or will exchange.
Howard Miles, Parkersville, Chester Co., Pa.

Smilax, 2¼ in. (special price), $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRÆAS.

Spiraeas. Send for our list of varieties and prices. Elizabeth Nursery Co., Elizabeth, N. J.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.

TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.

LETTUCE—Plants, ready April 1, 40c per 100, $3.50 per 1000. Improved Simpson, Grand Rapids, New Morse.

CELERY—Plants, ready June 1, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or over. Golden Self-Blanching, two strains, one more dwarf than the other; Improved White Plume, Winter Queen, Giant Pascal.

CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.

PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.

PANSY—Plants, ready April 10, budded or in bloom, $1.50 per 100. Vick's Superb Giant Pansy Mixture, Dreer's Royal Exhibition, Giant Trimardeau Mixed.

The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.

Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.

PARSLEY—Moss curled, 25c per 100; $1.25 per 1000.

CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.

TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.

BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.

Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. All plants are transplanted; free from disease and insects. J. Wakefield, Charleston and Early Summer cabbage, and Grand Rapids lettuce plants, $2.50 per 1000. Beauty, Stone and Henderson tomato plants, and Moss Curled parsley plants, $4.00 per 1000, express not prepaid.

Small mailing size, not transplanted, one-half price of transplanted plants, we pay postage.

Warrick Bros., 498 Locust Ave., Washington, Pa.

Cabbage—Winningstadt, Succession, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Tomato plants, 2000 Lorillard and Mayflower, 3 in. pots, 6 to 8 inches, $2.50 per 100; $20.00 per 1000; 500 at 1000 rates.
E. J. Cloud, L. B. 52, Avondale, Pa.

Tomato plants. Perfection, Ponderosia, Matchless, nice plants, 25c per 100 by mail.
A. Relyea & Son, Orchard Place Greenhouses, Poughkeepsie, N. Y.

Lettuce plants, $1.25 per 1000. Tomato, $1.25 per 1000. J. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Verbenas, from seed bed; scarlet, blue, white and mixed, 35c per 100, $3.00 per 1000, postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Verbenas, mammoth, 2½-in., ready April 15, $2.00 100, $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $4.50 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Verbenas, rooted cuttings, 75c 100; $5.00 1000.
H. S. Courtney, Sparkill, N. Y.

Verbenas, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIBURNUMS.

Viburnum opulus, 3 to 4 ft., $3.00 per doz., $20.00 per 100.
Frank Kadlec, 177 Johnston Ave., Chicago.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

VINCAS.

Vinca variegata, large plants ready for 5-inch pots, or can be divided, $7.50 100; 2¼-inch, $2.50 100. Cash.
Port-an-peck Greenhouses, Long Branch City, N. J.

Vincas, white and green var., 2-in., $2.00 100; 3-in., $6.00 100; vinca variegated green, 2-in., $2.00 100; 4-in., $6.00 100.
Geo. L. Miller Co., Newark, Ohio.

Vinca Major variegata, 2-in., $2.50 per 100; rooted cuttings, $1.00 per 100, $10.00 per 1000. If by mail add 10c per 100.
L. Mosback, 5500 Anthony Ave., So. Chicago.

300 vincas, variegated and green, strong, 4-in. pots, $8.00 per 100. Cash with order.
Carl Petersen, cor. Stryker Ave. and Annapolis St., St. Paul, Minn.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100. Rooted cuttings, 75c 100, $7.00 1000. Converse Greenhouses, Webster, Mass.

Vinca variegata, out of 4-in., very strong, $7.00 100, Vinca rooted cuttings, $1.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Vincas, cut from bench, for 5 and 6-in. pots, 5c; second size, half price.
C. J. Sanford, Unionville, Conn.

Vinca var. vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets. I make a specialty of violets and if you want good, clean violet stock write for price. I can supply any quantity of rooted cuttings or in 2-inch pots to be delivered any time you want them. Swanley White, Marie Louise and Lady Campbell.
Eli Cross, Grand Rapids, Mich.

Princess of Wales violets are the best violets to grow and I have the best stock in the country. Strong, transplanted stock. May delivery, $2.00 100, $15.00 1000; 500 at 1000 rate.
WM. SIM, Cliftondale, Mass.

Marie Louise, unrooted cuttings from clean, healthy plants, $4.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
A. Relyea & Son, Orchard Pl., Poughkeepsie, N. Y.

Violets, strong and healthy, free from any disease. Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

Princess of Wales violets, 1000 extra large stock plants, will make 15 to 25 small plants and cuttings, $8.00 per 100.
W. J. Palmer & Son, Lancaster, N. Y.

Strong field-grown Russian violet plants, $1.00 per 100; $8.00 per 1000, f. o. b. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Violets. Princess of Wales, field-grown, well-rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash.
Ocean Park Floral Co., Ocean Park, Cal.

Violets R. Heads, P. of Wales, $10.00 1000. Campbell, rooted runners, $6.00 1000.
Converse Greenhouses, Webster, Mass.

Marie Louise violet cuttings, sand rooted, $10.00 1000; unrooted, $8.00 1000.
A. Lauh & Son, Hughsonville, N. Y.

Violets, California, Luxonne and Lady H. Campbell. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

California, $1.25, Russian, $1.00 per 100.
H. L. Farrar, 619 Belknap, San Antonio Tex.

WATER LILIES.

DREER'S AQUATIC PLANTS.
HARDY AND TENDER WATER LILIES, NELUMBIUMS, VICTORIAS, ETC.

We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well-known standard varieties and all desirable American and foreign novelties. Those contemplating planting these plants can have our advice for the asking.
HENRY A. DREER, Philadelphia, Pa.

MISCELLANEOUS.

Double petunias, vincas, heliotrope, salvias, coleus, chrysanthemum cuttings, etc. Good stock. C. W. Blatchley, Plantsville, Conn.

Cuphea, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

TO EXCHANGE.

TO EXCHANGE.
WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

To Exchange—Apple trees that will retail at 50c to 75c each for rooted cuttings of Enchantress, Prosperity, Lawson, Roosevelt or Estelle. Price of trees 15c. Rooted cuttings of Climbing Soupert (new rose) to exchange even for Enchantress. G. L. Tyler, Du Bois, Pa.

To Exchange—Scott carnation, fine, strong rooted plants; gladiolus, all colors; French cannas, standard varieties, for bedding plants, ferns, etc. A. Urig, Alliance, Ohio.

To Exchange—Will exchange 2½-in. Gloire de Lorraine for A No. 1 rooted cuttings of Lawson and Gov. Wolcott carnations. Write for exchange price. M. A. Barick, Seymour, Ind.

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Wanted—Marie Louise violet plants or good rooted cuttings. E. E. Petersen, 33 So. Homer Blvd., Denver, Colo.

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Those RED pots. The right kind.
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Enclosed find money order for subscription to the FLORISTS' REVIEW. Please send as soon as possible, for we want to see the advertisements for some stock. J. C. GARDEN & SONS.

MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the REVIEW. Will want to move some other stock a little later. EDWARD HARRIS.

APPRECIATION.

From Massachusetts:—"Would not know how to get along without the REVIEW, as it contains much valuable information every issue."

From Ontario:—"We are much pleased with the REVIEW and would not care to do without it."

From New York:—"I am much pleased with your interesting paper; it is all anyone could wish for."

From Nebraska:—"The REVIEW has become indispensable to us."

From Kansas:—"The recent article on propagating hardy roses is worth a year's subscription to the average nurseryman."

AS TO NOVELTIES.

The season is now here when the average, every-day florist must decide on the new varieties he will grow during the coming year and a word to the one who is undecided as to the novelties he will try may not be out of place. To the buyer there is a bewildering list to choose from and I may ask, is the average florist justified in trying a novelty? Usually by the time the weak points of a novelty are found out the disseminator is "all in," and is seeking a new love and, further, the buyer must take into account the growing methods of the originators previous to the staging of the novelties. It would take a poet to describe how the new ones are made ready for their lime light exhibition before the judges who are to score them. You all know the darlings are coddled, fondled, nursed and given attention which the average commercial grower would never think of giving to a standard variety or bread-winner. Do the judges take into account these growing methods? These impracticable methods? I fear not; they do not seem to realize that the novelty is on dress parade and not in every-day attire. One cause for dissatisfaction or disappointment to the buyer is no doubt found in the quality of the propagating material used by the disseminator who in his haste to get returns from what is necessarily a limited stock, does not use that careful selection and restriction which we find the average florist using when selecting material for his own private stock of a standard variety. I do not want to be rated as a backwoodsman; I believe in advancement. I realize that from the novelties of today must come the standard varieties of tomorrow, but to the rank and file of the florists' profession I would ask, has commercialism entered into the introduction of novelties to the trade? A. ARNOT.

YOU CAN GROW Good, Healthy Stock by using our

RED POTS

PRICES AND SAMPLES ON APPLICATION.

CALADIUM BULBS at a bargain,

5 to 7-inch, $3.00; 7 to 9-inch, $4.50 per hundred.
MAMMOTH, 10 to 12-inch, $8.00 per hundred.

C. C. POLLWORTH CO., Milwaukee, Wis.

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SPRINGFIELD, MO.

Our thriving city was visited by a destructive hail storm in the evening of March 21 and the florists suffered severely. The losses are as follows: In W. A. Chalfant's range of eight houses, 11,500 feet of glass, nearly 4,000 feet were broken. This range was glazed with 16x24 double strength. The Summerfield Floral Co., with 7,800 feet, had 7,200 broken; single strength glass. Chas. Summerfield, vegetable grower, with 14,500 feet, had nearly 13,000 broken; mixed double and single strength. R. Koeppen, with 8,000 feet, had 6,500 feet broken, double and single strength. Ed Quinn, with 8,000 feet, had 7,500 feet broken; single strength. All are insured in the Florists' Hail Association.

In addition to this, rain storms continued and culminated in a drop to 25 degrees on the evening of March 25, with prospects for colder weather. Plants were frozen in the beds and the prospects for Easter trade are almost nothing. Trade has been the best in years and all were looking forward to a heavy spring trade. Several of the firms have begun reglazing and hope soon to be in a normal condition. C.

THE SUPERIOR BOILER.

One day in summer a man who makes an occasional boiler for florists but who doesn't advertise the fact, was seen crawling out from under a boiler at George Reinberg's, Chicago, and, on being questioned, admitted that he had heard that the Superior was a great heater and he wanted "to see how the darned thing was built." While it may be a little bit apart from the ethics of the boiler making profession to go crawling around inside the other fellow's device, still there isn't any secret about the way the Superior is built; it is simplicity itself, as you can see for yourself, without crawling under it. There are a great many in use around Chicago and their fame is steadily widening, until last season sales were made in several states. The manufacturer is the Superior Machine & Boiler Works, and they have this season booked a nice line of business for summer delivery.

The George M. Garland Co. asks us to supplement our note on the establishment of N. Zweifel, Milwaukee, in the last issue by saying that the houses are on the iron gutter of that firm.

EXTRA GRADE

Carnation Cuttings

We are supplying the following varieties, with stock that is **guaranteed perfect** in every particular, at the following prices:

Pink.	100	1000	White.	100	1000
Lawson	$2 00	$20 00	Glacier	$2.00	$20 00
Dorothy	1.50		Flora Hill	1.50	12.50
Marquis	1.50	15.00	W. Cloud	1.75	15.00
Joost	1.25	10.00			
Scarlet.			Variegated.		
Crane	$2.00	$20.00	Prosperity	$1.50	$14.00

Geraniums—Best semi-double bedders, scarlet, pink, salmon; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

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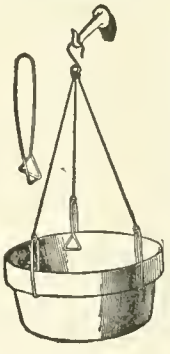

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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CEDAR RAPIDS, IA.

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WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 943, March 24th issue, for prices.

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For plants or bulbs address
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GROWER ....OF Palms, Etc.
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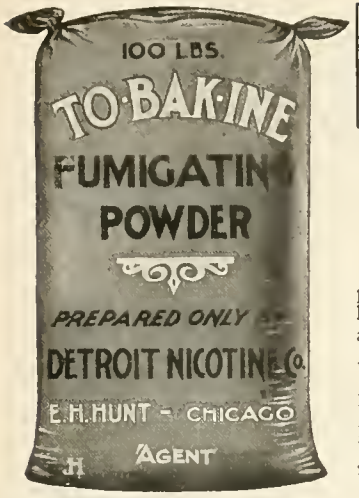

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Use 4 to 5 pounds of **TO-BAK-INE FUMIGATING POWDER,** equally divided into 4 or 5 portions, and placed on fine wire cloth or tin pie plates. Pour a little kerosene around on thin edge of piles and then light; it will burn slowly without blazing. Note the fumes of nicotine. Best to fumigate in moist atmosphere. **Note—An ordinary 6-inch pot will hold, heaping full, about a pound of TO-BAK-INE POWDER.**

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HOLTON & HUNKEL, 457 Milwaukee St., Milwaukee, Wis.
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	6.00	"	1000
Ten best sorts, bright colors, in variety	.60	"	100
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Salvias—Splendens and Bonfire	1.00	"	100
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Heliotropes—Light and Dark	1.00	"	100
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Argeratum—Stella Gurney	.60	"	100
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Water Ivy	.60	"	100
Sweet Alysaum—Giant Double	.60	"	100
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Marguerites—White and Yellow	1.00	"	100
Lemon Verbana	1.00	"	100
Asp. Sprengeri—4-inch, very strong; good stock for Easter	8.00	"	100
Chrysanthemums—"Estelle," best early white; true stock	1.50	"	100
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All strong, well rooted, well packed. Satisfaction guaranteed. When wanted by mail add 10 cents extra per 100 for postage. No order filled for less than $1.00. CASH WITH ORDER, please.

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Sand Rooted .....**$10 00 per 1000**
Unrooted..... **8.00 per 1000**

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separate colors, mixed, $3.00 per 100. **Alternantheras,** red and yellow, rooted cuttings, 50c per 100; 2½-in., $2.00 per 100. **Moonvines,** 2½-in. pots, strong, $3.00 per 100. **Carnation,** R.C., inquire for prices and varieties. CASH, PLEASE.

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2½-inch	$ 4.00
3 "	7.00
From bench for 5-inch	15.00
" " 3 and 4-inch	8.00
" " 2-inch	3.00
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Fancy ferns, small, for dishes, in 5 varieties	2.50
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" " " " 3 "	6.00
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La Favorite—2-inch		3.00
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Choice Mixed, 2 "		2.50
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COLEUS—	Per 100	1000
In 10 choice varieties, 2-inch	$2.00	$18.00
Rooted cuttings		5.00
Golden Bedder—2-inch	2.50	
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Cannas—In pots, write for list of var. and prices.
Mums—Cuttings and potted stock, write for list and prices.
The above stock is in fine condition and sure to please. Cash or satisfactory reference with order.

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After EASTER

You should look well to your **ROSE STOCK.** Get your order in and have it grown up to 3-inch and shipped when you want it if you have not got the room at once.

Of course you won't forget that **FERNS** make you money at all times and that Geo. A. Kuhl has the **largest stock of**

BOSTON AND PIERSONI in the West.

Then comes Decoration Day with following line of plants, such as

Panaies, Verbenas, Vinca Vines, Marguerites, Coleus, Geraniums, Begonias, Fuchsias,

Write— **Moonvines, Cannas, etc.**

GEO. A. KUHL, PEKIN, ILL.

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LIGHTNING FLOWER POT WASHER

washes all sizes of pots, clean as new, about as fast as you can handle them. **Strong plants are only grown in clean pots.** Send for description. Sold direct $15 net, f. o. b. Joliet. **C. E. FINLEY, Joliet, Ill.**

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Iron Reservoir Vases AND Lawn Settees,

Manufactured by

McDONALD BROS.,
COLUMBUS, O.

The largest manufacturers of these goods in America. Send for catalogue

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What you need is a reliable shading upon your greenhouse glass, one that will not easily wash off by rain. Upon receipt of $1.00, I will mail to any address printed recipe for same with instructions how to mix. It saves labor and material, because it stays where you put it.

JOHN DOUGHTY, Florist,
200 Kimberly Ave., New Haven, Conn.

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JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars.

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Large Stock. Low Prices. Ready to Retail.

2½-inch	$ 4.00 per 100	5-inch	$25.00 per 100
3-inch	8.00 "	6-inch	40.00 "
4-inch	12.00 "		

Please note special low prices on smaller sizes.

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Nursery.... ...Seed..... Florists'... **Catalogues**

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CINCINNATI.

The Market.

Business of late has been very good. Stock of all kinds has been going nicely. Prices have held up well and everything has been very satisfactory. The weather has been fairly warm, but the ground has been so wet the growers have not been able to do any outdoor planting yet. Some bright sunshine is much needed between now and Easter, as stock is backward at many places.

Green goods are awfully scarce. Carnations are doing very nicely and there is a first-class demand for them. Roses are showing evidences of having been pickled and those received from some growers are almost worthless. It is to be hoped that their Easter stock will look fresh, at least. Bulbous stock is selling well and brings better prices. Harrisii lilies are in much better demand.

Various Notes.

The warm spring days we have been having have started outdoor plants into life. Lilacs are coming along rapidly and other shrubs are also pushing forth their green leaves. Last night we had a light snow storm, but it did not do any serious damage except that George & Allan report the loss of about 500 Harrisii which they had stored in a cool shed to hold back. They were badly nipped.

E. G. Gillett went over to New Castle, Ind., last week to have a look at Easter prospects. There will be, he found, a very good cut of roses at most of the places there. Mr. Heller has been on the sick list for a week, and is still confined to his bed, but expects to be out soon.

Wm. H. Gear has also been laid up, but is about again now.

Miss White, of Lexington, Ky., was in the city placing orders for Easter stock. She said that business has been very good this season.

C. J. Ohmer.

Marinette, Wis.—George Vatter has 500 pots of lilies, but not many of them will be in for Easter. However, all the other stock under his 18,000 feet of glass is in good shape. Mr. Vatter expects to make a trip to Europe this summer.

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1889 FUNGUS 1889
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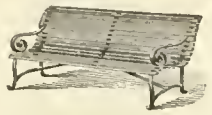

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" No. 4	3x5x24	2.75 "	26.00 "
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" No. 6	4x8x28	3.75 "	36.00 "
" No. 7	6x16x20	5.50 "	54.00 "
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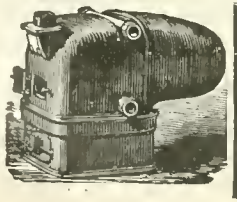

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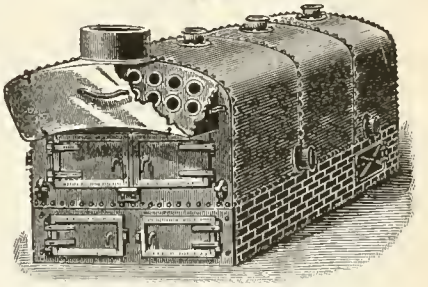

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520-535 Caxton Building,
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New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

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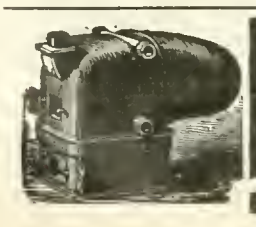

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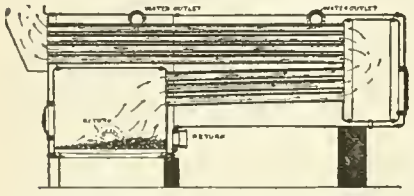

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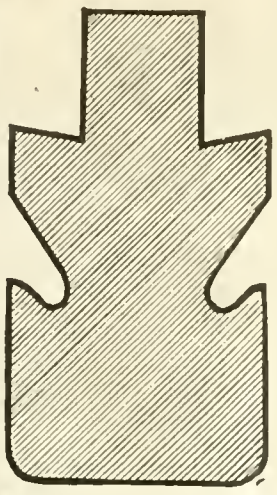

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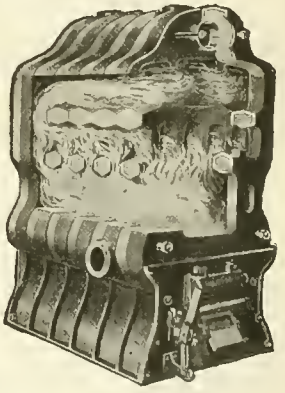

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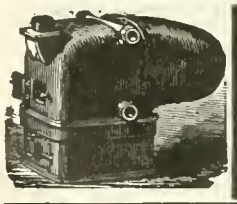

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Vol. XIII. CHICAGO AND NEW YORK, APRIL 7, 1904. No. 332.

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	Size pots.	Per doz.	Per 100
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" " "	3-in.	1.00	8.00
" Sprengeri, $18.00 per 1000	2 in.	.40	2.00
Abutilons, 6 best sorts, all colors	2-in.	.40	2.50
Ageratums, best sorts, blue and white	2-in.	.30	2.00
Ampelopsis Veitchii, $25.00 per 100	2-in.	.50	3.00
" " field grown, 3 to 4 ft. tall		1.50	12.00
Antigonon Leptopus	2-in.	.50	3.00
Anemone, Queen Charlotte (new dbl. pink)	2-in.	.50	3.00
Aloysia Citriodora or Lemon Verbena, $20.00 per 100	2-in.	.35	2.50
Araucaria Excelsa or Norfolk Island Pine, 3 to 4 tiers, fine, 85c each		9.00	
Alyssum, Giant flowered	2-in.	.30	2.00
Azalea, Chinese, 10 to 12-in. diameter, 50c each		4.00	30.00
Azalea, Mollis (Hardy Azalea) 35c each		3.00	20.00
Alternantheras, 2 sorts, red and yellow, $18.00 per 1000	2-in.	.30	2.00
Acalypha Sanderi, $25.00 per 1000	2-in.	.50	3.00
" Marginata, $20.00 per 1000	2-in.	.40	2.50
" Bicolor Compacta, new	2 in.	.75	5.00
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Begonias, 10 best flowering sorts, $20.00 per 1000	2-in.	.40	2.50
" Marjorie Daw, new trailing Begonia		.50	3.50
Camellia Japonica, all colors, fine plants, 2 ft. in height, 60c each		6.00	45.00
Cuphea, 2 sorts, red and purple flower	2-in.	.30	2.00
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" The large flowering, strong 2-year, pot-grown plants, best sorts, including Jackmani, 30c each		3.00	20.00
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Cyperus Alternifolius, Umbrella Plant	2-in.	.40	2.50
Caladium Esculentum, good bulbs		.50	3.00
" " strong, 4 to 5 in. diam.		1.00	7.50
Centaurea Gymnocarpa, Dusty Miller	2-in.	.50	3.00
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Cyclamen Persicum Giganteum, $25.00 per 1000	2-in.	.50	3.00
Coleus, in 20 best bedding sorts, $15.00 per 1000	2-in.	.30	2.00
" Thyrsoideus, new, flowering	2-in.	.50	3.00
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Fern, Neph. Piersoni 50c each	5-in.	5.00	
" " Bostoniensis	2-in.	.50	3.00
" " "	4-in.	2.00	15.00
Ferns, three dwarf sorts for fern dishes, fine plants, $25.00 per 1000	2-in.	.40	3.00
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Geraniums, E. H. Trego, new dbl. scarlet bedder		.75	6.00
Geraniums, ivy-leaved, in 6 best sorts		.50	3.00
" scented, in 6 best sorts		.50	2.50
" Mountain of Snow	2-in.	.50	3.00
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Heliotropes, 6 best sorts, $20.00 per 1000	2-in.	.35	2.50
Helianthus, Hardy Dwarf Sunflower, in 2 sorts, Multiflorus, Double, and Rigidus Single	2-in.	.30	2.00
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Hoya Carnosa, Wax plant	2-in.	.50	4.00
Hibiscus, 10 leading sorts, double and single, $25.00 per 1000	2-in.	.40	3.00
Hibiscus, Peachblow, new	2-in.	.60	4.00
Jasmines, Grand Duke and Cape, $35.00 per 1000	2-in.	.50	4.00
" Grandiflora, Poetica and Revolutum	2-in.	.40	2.50
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" " 36 inches high	6-in.	5.00	
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Matrimony Vine, hardy	2-in.	.40	2.50
Pandanus Utilis or Screw Pine, fine plants, 25c ea.	3-in.	2.50	
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Roses, leading sorts, $25.00 per 1000	2-in.	.50	3.00
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Russellas, 3 sorts	2-in.	.40	2.50
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Salvias, 6 best sorts, $20.00 per 1000	2-in.	.40	2.50
Saxifraga Sarmentosa	2-in.	.50	3.00
Solanum Azureum, Blue Solanum	2-in.	.50	3.00
Swainsonas, 2 sorts, white and pink	2-in.	.50	3.00
Sanseviera Zeylanica, $20.00 per 1000	2-in.	.40	2.50
Spiraeas, hardy shrubs, fine dormant plants		.50	3.00
Smilax, $18.00 per 1000	2-in.	.30	2.00
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MISCELLANEOUS SEASONABLE HINTS.

Memoranda on Easter Plants.

Six months from now our recollection of what sold best, of what we had a surplus and of what we could have sold more than we had, will not be as clear and definite as it is today, so I propose, in addition to the mental memoranda which we all make, to write down at once our experience with the leading plants that make up the Easter trade. Florists have to look a long way ahead and now you are ordering stock and preparing some crops for Easter of 1905. Experiences may be different in other localities; this is ours:

Longiflorum Lilies.

Lilies sold out clean. It is true they were not all in time. The black stemmed giganteum is the finest flower, but it was hard work to get it in on time, and another week would have given us many more in bloom. We shall not get such another February and March soon, I hope, and Easter was very early. Next year it is very late. The floribunda variety were all in. We saw few of the old Bermuda type.

Crimson Ramblers.

Crimson Rambler roses, when well flowered, sold fairly well, but when bare at the base of plant they did not go. I still believe one-year-old dormant plants, cut hard back, started cool and induced to make four or five moderate-sized canes, properly ripened off in the fall and then tied into neat, compact plants are much better for our purpose than those lifted from the field in November. Now is the time to start the dormant plants in 6 or 7-inch pots.

White Lilacs.

The white lilacs sold very good this year. They are not expensive to start with and bring a good price, but be careful where you get the stock. We had some from one of our reliable home firms that were excellent and a hundred or two we imported, which were complete rubbish. In this, as with other plants of this class, 5 or 10 cents on the first cost is no consideration if you get the quality. De Marley is a splendid variety to cut and bunches of it were in great demand.

Of azaleas there were plenty, in fact rather too many, and a good many are left over. Take care of them, for they will make your best plants for another year.

Rhododendrons.

Rhododendrons, when fine in color and well flowered, sold well. It is not necessary that you should be bothered with these large plants till the middle of next January unless you have a good root house where you can keep them. Let the importer keep them for you. There are firms which have the conveniences and they are better in a cool place than they are in the greenhouse.

The astilbe is very useful for cutting, but few sell in pots. There are so many other pretty plants, and for the price you get for them they need an awful lot of room.

Well flowered plants of Marie Louise violets sold well. Usually about the last of March they throw up a great quantity of bloom and if lifted and potted they are very attractive. They are a pot or pan of violets, and that's enough to sell them.

Best Inexpensive Plant.

Of all the inexpensive plants that went quickly the best was Primula obconica. The man who grew the large quantity of these for the local market did not sow them till May and during the fall months, or up to New Year's, they were planted out on a bench in a cool house, then lifted and potted into a 4 or 5-inch pot. This pretty plant pays no more attention to root disturbance than a pansy, and not so much.

Alex. Montgomery, President American Rose Society.

There were a few plants of Bougainvillea Sanderiana to be seen, and they sold, but you don't want a great many. Strange, six or seven years ago we had a lot of moderate-sized, well-flowered plants of this and we had to do a good deal of talking to sell any of them.

Azalea mollis sold well and it is a very profitable plant. Its first cost is trifling and it occupies the greenhouse benches but six or seven weeks. They were particularly well budded, compact plants this year. This plant is all blossom and no foliage. With a few plants we rubbed off some of the center buds and the leaf growth started at once and they were very much the prettiest plants.

Bulbous Stock.

Of bulbous stuff, the tulips in pans went the best. Of all the tulips for a pan, don't forget that Murillo is the king, they come so even and true, and there is nothing like the satiny, delicate pink. Next in favor was the red and yellow Tournesol, very showy, and pans of Von Sion narcissus sold well. Hyacinths don't go quite as well as the tulips, rich as a pan of these are; the oder is a little strong for many.

People are about tired of the genista. It is pretty but the public are on to it that it is the most disappointing of all plants. Care or no care, it begins to droop or lose its flowers as soon as it leaves the greenhouse. Don't bother with large plants. A neat little plant in a 5-inch pot is all you want, if any.

Various Novelties.

We tried a few other things this year and shall not bother with all of them again. If you can get well budded, nicely formed little bushes of Prunus triloba it is easy to force, does not take up bench room more than a few weeks and is very pretty. It is Japanese-like, you know. Cydonia or Pyrus japonica was a dead failure; not enough bloom. We can do without it and it would only sell to those hunting for something that no one else had. Wistaria sinensis was another failure with us and we will let someone else grow it. A few years ago I saw at Wm. Edgar's, at Waverley, Mass., some very

beautiful plants of wistaria, but they must have been larger and better prepared plants than we imported.

Unless you have the convenience of a root house, or cold storage, or cool cellar this has been an awful winter for keeping such hardy plants as these till it was time to force. The majority of florists have only the cold frame, with some protection, to keep these plants and that is good enough in ordinary seasons, but this year it went through a foot of hemlock boughs, froze the plants into a solid mass and three feet into the ground below (more or less).

We had but few metrosideros (bottle brush) and a few were enough. That very handsome plant, Acacia armata, does not take as it deserves to. There were some fine plants of it offered in the Main street stores, but I am told the demand for them was poor.

The Hybrid Roses.

And now I have reserved to the last the plant that above all was in demand, that sold on sight, that everybody wanted and always will, viz., a well-flowered hybrid perpetual rose. We charged 25 cents a bud and flower for Magna Charta, Baroness Rothschild, Ulrich Brunner and others. Now, what is there better than that? And, I repeat, they will always sell. You can wait till fall and then buy some good home-grown stock for next spring's forcing or you can buy some one-year-old stock now and grow them on your own place. I prefer the latter plan.

Plant them in the field as soon as the ground is workable and cut down to within a few inches of the ground; the lower

tion because I had neither seen nor heard of it. Easter was that year on March 25. On the first day of April I planted a bench 6x100 with fine young American Beauties from 4-inch pots. The soil had grown mums the previous summer and lilies had stood on the soil all winter, but I had a piece of tar paper beneath each to keep the worms out and prevent the soil from getting soggy. After a few days' drying out it was in good order and, with a liberal allowance of bone flower and some good rotten manure, in went the roses. They jumped from the day they were planted and from the middle of June to October 1 cut several thousand flowers. I remember one Sunday morning in July that the bench was photographed at 5 a. m. and then I cut 160 blooms. At $2 to $3 a dozen, retail, it was a most profitable house; I should say about 1000 per cent more than a bench of mums.

By the middle of November I had them slightly dried off and then they were lifted and potted into 6-inch. When lifting we cut them down to about eighteen inches and did not let them get dry and freeze (a big mistake if I had). Early, or perhaps it was the middle of January, they were brought into a house at about 45 and cut down to six and eight inches. At Easter, and many before Easter, they were sold for $2.50 and $3 apiece. Many of them had fifteen perfect flowers and buds; every break was a flower with a stem a foot to eighteen inches long. I could do it again, but strange to say it has never been repeated here. The earliness of planting was an advantage and they were grand little plants to start with, but I would

bet a new hat I could repeat it if I had the care of them. That was doing well, and we need to have some things do well, for all our ventures are not profitable. Many do not think American Beauty is a good pot rose; treated as above it's the best of all. It will give more perfect flowers than any hybrid I have ever seen.

WILLIAM SCOTT.

THE EASTER TRADE.

There is a remarkable uniformity in the reports on Easter business this year. From every section of the country comes word of sales aggregating more than ever in the history of the trade. The exact extent of the increase is difficult to estimate, but it is a substantial gain. It is noteworthy, however, that in nearly every locality the increase in retail business was principally due to larger sales of flowering plants. In only an occasional locality outside the wholesale centers was there any considerable increase in the sales of cut flowers, although a very large business was everywhere done in this department. In all but the older and most wealthy communities it was found that the high-priced plants were somewhat slow sale and in many cases retailers had more or less expensive stock left on hand. The medium-priced plants were the best sellers, lilies and azaleas being most popular as of yore. There was a big sale for the cheap bulbous stock in pans, but in the larger cities, where expenses of conducting the business are high, the leading retailers are not willing to handle plants at much less than $1 each.

Next to the lily, which is the flower of the day, the carnation was the popular item. It is fair to suppose that never in a single week were so many carnations marketed as during this Easter week and seldom, even at Christmas, has the average price been so good. Roses sold well and violets were popular in many communities where Sunday was a warm and pleasant day, but bulbous stock in general was slow sale.

It is noteworthy that in nearly every section of the country there were adequate supplies of all kinds of stock. True, here and there there was a shortage in some particular item, or perhaps along the whole list, but in the wholesale centers there was plenty of stock, of the very best of quality, and at reasonable prices. It is a pleasant reflection that there was less pickling in evidence than ever before and that this disastrous practice seems to be on the decline.

One Side of the Wonderful Store of Siebrecht & Son, New York.

you cut them the stronger will be the breaks. If these were planted for a permanent rose bed, just keeping them hoed clean of weeds might do; but for this purpose, forcing, you want to be sure of a strong growth. So in a dry spell they should be soaked and when hot weather sets in they should be mulched. Do everything to induce a strong, vigorous growth and when November 10 comes the wood will be ripe; then lift and pot. Tens of thousands of roses were frozen up last fall that should have been lifted. There is an advantage in having them on your own place, as there need be no drying out between lifting and potting.

A Success With Beauties.

Now and then the dullest of us get a little inspiration and I am going to conclude with relating something I did about nine years ago. I call it inspira-

A Corner of the Store of D. Clarke's Sons, New York, at Easter.

Window at Fleischman's New York Store at Easter.

ROSES.

Notes.

Now that Easter is a thing of the past the benches which were monopolized by plants for that occasion will, or should be, empty. Many growers defer repotting their roses until this room is available, which is not always a profitable plan, especially when Easter happens to be late, but in these times of strenuous competition we have to make many shifts which are not always to our liking.

As soon as we can get the room this repotting should be attended to in order to give the plants more root nourishment, sunshine and breathing space. Beauties, which are the first to suffer from being pot-bound and overcrowded, should receive first attention. When warm weather commences these, if left pot-bound, soon get into a hard and stunted condition from which it takes them a long time to recover. Overcrowding is a sure way to lose the bottom foliage, as during warm weather they require large supplies of water and syringing, which is sure to cause softness of the leaves and young wood, a condition inviting black spot, mildew and other troubles.

I have always had the best success with Beauties when the half-inch shift was practiced, the foliage, though smaller, being of a firmer texture and the wood more solid than when larger shifts were used. And though the plants may not be quite so large at planting time, they invariably go to work quicker, make more bushy plants and are not so susceptible to troubles as are the larger and softer stock produced by using the larger shift.

Varieties such as Golden Gate and Ivory, being less dense of foliage, do not require so much room as Bride and Bridesmaid, but should have the same amount of attention as regards repotting, ventilation, etc.

Green fly and red spider will now require careful looking after, as if they are allowed to get a foothold among the young and tender foliage they are difficult to get rid of and do a deal of damage in a very short time.

Frequent sprinkling of the paths during bright weather serves to keep the requisite amount of moisture in the atmosphere, without which it is impossible to retain that fresh and well-fed appearance the foliage ought to have.

As the season advances more air will have to be given, and as less firing will be necessary the dangers of an attack of mildew will be multiplied and the means of subduing this pest will be lessened.

This condition should make us all the more careful in the regulation of air and the maintenance of a steady temperature, using at the same time all the other safeguards at our disposal.

New Sorts.

Those who intend investing in some of the new disseminations should do so as early as possible, so that the plants may have time to grow into good stocky stuff by planting time and also to get them accustomed to the soil and water before planting in the bench. I have found this a much safer plan than to wait until planting time and then have to take the chances of late propagated stock, which may have been treated in quite a different manner and under different conditions from my own. RIBES.

CARNATION NOTES—WEST.

Suitable Soils.

If you are having some nice bright weather and the ground is drying off, you need not be idle while you are waiting for the weather to settle. In our section we do not care to risk planting carnations in the field until after April 15 to 20.

If your sod pile is not too wet you would better have it turned over now and thoroughly mixed. Especially should it be done now if it was not done last fall, but even if it was done then it will do the soil good to be turned again. Do not touch it, however, if it is in a wet condition, but let it lie until it is dry enough to crumble nicely when being shoveled over. To handle it in a wet condition will ruin it for planting this season, and only a thorough freezing will put it into usable condition again.

Some growers mix a lot of bonemeal and other fertilizers into the soil at the spring turning. I know of no very great objections to this practice, but I have never considered it superior to mixing it in the summer at planting time. A good sod, from a piece of good ground, with a good one-fifth of cow manure makes a good base for the plants to work on and the other manures and fertilizers can be added as they are needed. If you do mix some bone into the soil at this turning I would advise you to use a rather coarse grade, as it will last much longer than the bone-flour we use in the fall on the benches.

When getting your carnation patch ready for planting you should be careful, too, that the soil is not too wet when it is plowed. Better wait until May rather than to plow up a wet piece of ground to plant on. It will get lumpy and all the cultivating you can do will not make it fit for plants to grow on. If you only plant a few thousand it is just as well to plow the whole patch at one time, but if you plant 25,000 or more you would better plow it as you plant it, say enough to last a couple of days at a time. This can be done best with a side hill plow. With one of these you can plow across and back as many times as you like without leaving any furrows. You will find your plants take hold much quicker in fresh plowed soil, besides it being much easier to plant in. If there is anything that will try the temper of your men it is to have to plant in dry, lumpy soil, and progress will be very slow.

I do not like to put much manure on

Alex. McConnell, New York, had an Outdoor Plant Display.

the ground in the spring, but would much rather have it put on in the fall or early winter. The strength will then be washed into the soil by the winter rains, and I think there will be less danger of stem-rot. I don't care to have the field soil too rich. A. F. J. Baur.

CYCAS REVOLUTA IN BLOOM.

The cycads are a singular class of plants in many respects, being considered by some authorities as a sort of connecting link between the conifers and the palms, an opinion that seems to be borne out to some extent by the fact that their stems contain both a resinous sap and a farinaceous pith, being rather a strange combination to be found in the same plant.

The flowers of Cycas revoluta are unisexual, the two sexes being found in different plants and being entirely distinct from each other in the manner of flowering. The specimen we illustrate is one that has been photographed in a Californian garden, and is a male plant of considerable age, the sex being indicated by the large cone-like inflorescence that may be seen growing from the center of the crown of the plant.

This cone is formed of scales in much the same manner as a large pine cone, and produces the anthers of the flowers from the under side of these scales.

The female cycas, when flowering, throws up a crown of short, woolly, altered leaves, on the edges of which are produced the seeds, the latter bearing some resemblance to horse chestnuts without their shells. The inflorescence of the female cycas is one of the most singular with which I am acquainted, and the flowering of such a plant is always an event of some interest to those not familiar with the vagaries of nature as shown in this class of plants.

But while the flowering of either a male or female cycas is a matter of botanical interest, it is not viewed with

A Male Plant of Cycas Revoluta in Bloom.

entire equanimity by the experienced cultivator, from the fact that he knows that such an event is likely to prevent the production of a new crown of leaves on his specimen for that season at least, and sometimes results in the plant taking a rest for two years.

W. H. Taplin.

Grundy Center, Ia.—Theo. Souers is adding to his carnation house, making it 16x58. He has a house 20x50 in roses.

AN ENGLISH GROWERS' NOTES.

There are few English growers of the chrysanthemum who are more widely known than W. Wells. He has spent a long lifetime in the business and has a minute knowledge of all its departments. In recent years he has handled what is known as the Wells-Pockett sets of novelties, which have included some of the best sorts introduced to the American trade. Among last year's set may be mentioned William Duckham. It may also be noted that in the exhibit of twenty-five blooms which captured the sweepstakes cup at the New York show last fall, thirteen of the twenty-five varieties were introduced and distributed by Mr. Wells. At this show he also staged an exhibit of blooms sent all the way from England, arriving in very good shape.

Several years ago Mr. Wells came out with a treatise entitled "Culture of the Chrysanthemum." This ran through two editions within a very short time and he is now out with the third edition, revised, enlarged and brought down to date. He covers the entire subject all the way from the introduction of the chrysanthemum from China in 1764 to the novelties exhibited at the English and American exhibitions in 1903. He gives cultural instructions and also devotes chapters to the insect pests and diseases with which the grower has to contend. One chapter is devoted to a review of the progress of the chrysanthemum in America, introduced with the statement that he believes that few English growers realize the popularity of the chrysanthemum in the United States. He comments on the fact that the names of Mr. Duckham and Mr. Herrington have been more frequently mentioned in recent years than those of any other growers in this country.

Many differences are pointed out between the cultural methods necessary in the United States and Great Britain, but the following hints, under the heading "Another Little Sermon" are worth remembering:

I have given advice on what to avoid, and it may be appropriate to emphasize several things it is essential to remember. Therefore I have jotted down the following hints:

Take your cuttings from healthy, unforced plants.

See that your pots, if new, are soaked well in water before you pot; if old, that they are well washed and dry before you begin, or you will lose a mass of fibry roots when the plants come to be turned out of these pots from the small roots sticking to the sides.

Remember that the more roots you have to your plant the better it will be. To secure abundance of roots pot up gradually from small to full-sized pots, by various sizes. Every time the root reaches the side of the pot it branches and runs around. When this is effected it is time for a further shift.

Keep cuttings close, either covered with a glass or shut up in a case. This maintains the moisture all around the cutting and prevents evaporation of the juices of the cutting, which would otherwise wither and die.

Use long, clean labels, upon which place name, date, number, etc., leaving room for further remarks during the summer.

Keep all your dates for future guidance.

Use preventives against disease at intervals, rather than delay till appearance of malady.

Remember that certain sorts, as Madame Carnot, require unenriched soil for first growth.

When receiving new plants from the nurserymen it is best to keep them close for two or three days, in case they have been taken from a warm house.

Always be punctual as regards the time announced for the completion of the staging of your flowers at shows ready for the judges. A rule in vogue at Hull is to ring a bell fifteen minutes before the judging, and an announcement is made that only a quarter of an hour will be allowed. At the stroke of the clock the sweepers commence at one end and every one is cleared out.

"The Culture of the Chrysanthemum" is worth reading by every grower. It is sent post free on receipt of 36 cents by W. Wells & Co., Earlswood, Redhill, Surrey, England.

THE DATE OF EASTER.

One of our exchanges has published the following authoritative if somewhat technical statement as to the date of Easter:

There were centuries of controversy over the proper time for the celebration of Easter. It was in the second century that the dispute arose between the eastern and western churches.

The great mass of eastern Christians celebrated Easter on the 14th day of the first Jewish month or moon, considering it to be equivalent to the Jewish Passover. The western churches celebrated it on the Sunday after the 14th day, holding that it was the commemoration of the resurrection of Jesus.

The council of Nicea decided in 325 in favor of the western usage, branding the eastern with the name of "quartodeciman" heresy, but this decision only settled the point that Easter was to be held, not on a certain day of the month or moon, but on a Sunday.

It was not until 1582 that Easter was definitely fixed. It was debated at the time of the introduction of the Gregorian calendar whether Easter should continue to be movable or a fixed Sunday after the 21st of March be adopted. Ancient usage prevailed.

It is not the actual moon of the astronomers, nor even the mean moon of the astronomers, that regulates the time of Easter, but an altogether imaginary moon, whose periods are so contrived that the calendar new moon follows the real new moon sometimes by two or three days.

The effect is that the 14th of the calendar moon, which had from the time of Moses been considered "full moon" for ecclesiastical purposes, falls generally on the 15th or 16th of the real moon.

With this explanation, then, that by "full moon" is meant the 14th day of the calendar moon, the rule is that Easter day is always the first Sunday after the paschal full moon, which happens upon or next after the 21st of March, the beginning of the ecclesiastical year. If the full moon happens upon a Sunday Easter day is the Sunday after.

One object in arranging the calendar moon was that Easter might never fall on the same day as the Jewish Passover. They did occur together, however, in 1805, 1825 and 1903, and will occur together in 1923, 1927 and 1981.

The Jewish Passover usually occurs in the week before Easter and never before the 26th day of March or after the 25th of April. The Christian festival is never before the 22nd of March or after the 25th of April.

In 1761 and 1818 Easter fell on the 22d of March, but this will not happen in any year of the twentieth century. The latest Easter in this century will be in 1943, on the 25th of April.

ELECTRIC HEAT.

Would it be practicable to use iron wire instead of pipe for heating a greenhouse, running electricity over the wire instead of steam through the pipes? This is the way street cars are heated. When you force more electricity over an iron wire than it should carry it begins to heat at once. If the greenhouses are

located where water power makes cheap electricity would this not be practicable? J. E. K.

A SERIOUS ROSE PEST.

In recent years several of the large rose growers in the vicinity of Chicago have been troubled with minute larvæ which destroyed the buds and defied all efforts at eradication. An appeal to the Illinois State Laboratory of Natural History at the State University resulted in an investigation by F. M. Webster, M. A., who classified the rose midge and has now published an illustrated bulletin on it. He describes the midge and larvæ at length, so that growers who have met the pest will find it easily recognizable, but he does not name a practical remedy. The larvæ are "very tenacious of life," he says, and the growers will bear him out in his statement. Hydrocyanic acid gas will kill them if exposed, but not those working in the buds.

The complete bulletin will be sent to those who address the State Laboratory at Urbana, Ill. The less technical parts follow:

About the year 1897, in the vicinity of Chicago, Ill., certain varieties of roses grown under glass, notably the Meteor, were attacked by great numbers of minute cecidomyian larvæ which destroyed the terminal leaf and blossom buds. In the greenhouses of one extensive rose grower, the injury was so severe as to render the production of the Meteor unprofitable, and he stopped growing it for a time, until the pest seemed to have disappeared. Strangely enough, another grower, whose houses were separated from those of the first only by a narrow alley, did not at that time suffer at all from the ravages of the insect, but continued to grow the Meteor in his rose houses without difficulty until sometime after, when he, too, began to experience severe losses on account of its depredations. The species was not definitely determined at that time, and it is impossible in the light of later investigations to say with certainty whether or not more than one was engaged in these attacks. Since then, however, a number of extensive rose growers about Chicago have been obliged to abandon the growing of this particular variety of rose on account of its extreme liability to attack from these larvæ.

In 1900, Mr. D. W. Coquillett published a paper reporting similar injuries to roses grown under glass in New Jersey in 1886 and 1889; New York in 1890; Washington, D. C., in 1891, 1894 and 1896; Boston in 1894, and Chicago, as has been stated, in 1897. Apparently the same species was sent to the United States Department of Agriculture from Cleveland, Ohio, in 1903.

On May 16, 1903, a firm located in the vicinity of Chicago, engaged in growing roses extensively under glass, advised the Illinois State Entomologist of serious trouble among their Meteors, evidently due to a minute white worm which attacked the buds and destroyed them. Early in June, Mr. C. A. Hart, being in that vicinity, visited the premises by Dr. Forbes' direction, and brought some of the affected buds to the office. The larvæ found in them were very small, white, except those seemingly full grown which were tinged with orange.

The matter was now placed in my hands for investigation, and on June 11, acting under instructions, I visited the rose houses containing the injured plants. Larvæ were found in the young rosebuds of both leaf and blossom, but more abundantly in the latter, and also eggs, which, from their position in these buds, indicated that they were those of the same species as the larvæ. Several very minute female midge-like flies were also taken, seemingly in the act of ovipositing in the blossom buds.

I have never seen the larvæ attacking the native wild roses, even about Chicago, though, in the near vicinity of infested rose houses, I have found them in buds of the variety known as The Bride, growing in the open air. The manner of hibernation is not well understood, but in the rose houses there is no injury done by the larvæ from late October until late the following May. A thorough inspection of large rose houses about Chicago, November 18 to 20, did not reveal a single larva or adult, even where serious damage had been wrought a few months before, and an inspection made on January 29, 1904, also failed to reveal their presence.

In the rose houses, the larvæ attack the Meteor, Wootton, Bride, Madame Chatenay, La France, Ivory and Golden Gate, but are far more fatal to the first than to any other variety. The insect first appears in such rose houses as are old and more or less open on account of cracks and crevices, or else in such as are new and tight, requiring much ventilation. In the case previously referred to, where only an alley separated infested from uninfested premises, the uninfested houses were given the least possible ventilation consistent with the growth of the roses, while those infested were more generally ventilated. Later on, these conditions were reversed, and the situation as to insects changed also, the premises that had before escaped being now overrun.

An experienced foreman in the employ of a firm of extensive rose growers whose premises were infested with this midge, informed me that the insect first attracted his attention by attacking those buds that were highest up and nearest to the glass, and that the larvæ were only to be found in such buds as were in close proximity to the glass, those situated lower down not being at all affected, thus indicating that one rose house may become infested from another by adults, and not necessarily from the

Design for Funeral of M. A. Hanna.
(By Westman & Getz, Cleveland.)

introduction of infested plants. From the fact that there are but few larvæ present up to the month of May, but that they increase in number during the summer and altogether disappear in late October, it would seem that they follow very closely the habits of the British species, Dichelomyia rosarum.

The eggs are deposited either in the unfolding leaf buds or under the sepals of the blossom buds, the latter position seemingly being preferred by the females where there is an opportunity for selection. In case the former is chosen, the eggs are deftly inserted in the conduplicated leaves between what would, later on, constitute the upper surfaces of the two halves of the unfolded leaf. The maggots appear to fasten the edges together with some viscous matter, thus forming a sort of pod within which they attain their larval growth. If there are few larvæ, their effect is to cause more or less prominent swellings on what would later become the lower surface of the leaf; if there are many larvæ in the leaf, it simply becomes distorted and discolored and dies. In case of blossom buds, the effort of the female seems to be to place her eggs as far under and near the base of the sepal as possible, but there does not appear to be any regularity either in their exact position or numbers. Occasionally they will be found stuck in the sutures separating the sepals. The ovipositor of the female is capable of great extension, and I have observed it to be curved, coiled, and twisted in her efforts to push it under the closely adhering sepal of a very young bud. Frequently, after this has been accomplished she is unable to extricate it, and dies attached to the bud. In one case I found two females on a single bud, they having apparently perished in this manner. Nevertheless, the females seem to be strikingly attached to their labor of ovipositing, as, in a propagating house where there were thousands of young plants with but few blossom buds, if they were driven from one of these they would fly but a few inches away and soon return. They are exceedingly minute, and obscure while on the wing, having much the appearance of floating particles of dust.

While the larvæ are at first usually well covered by the sepals and folded leaves, if excessively abundant they will later swarm out and over the outer surface, especially of the blossom buds.

In England and Europe there is also a rose-attacking insect which can only be separated anatomically from our species by the number of antennal joints, a character known to be somewhat variable. The habits of the two are very much alike, except that in Britain the larvæ affect the leaf buds and not the blossom buds, both in the rose houses and in the open air. Our species attacks roses only in rose houses, largely confining its ravages to the blossom buds, but when attacking the leaf buds affects them as does the English species. In Britain, and in the open air, the wild, or dogrose, though it grows rapidly, cannot certainly make as rapid growth as does the Meteor in our rose houses, where all the ingenuity of the grower is centered on producing the most rapid and vigorous growth possible. It is doubtful if the American species could, under these conditions, develop in any considerable numbers in the leaf buds, as the growth of the buds is so accelerated by artificial conditions that there is not time for the larvæ to develop within them before they become too much expanded and too tough to admit of the larvæ affecting them. The blossom bud, being of a slower development, affords a longer time for the larvæ to mature, and, besides, presents food of a different character from that of a leaf bud.

To sum up the whole discussion, then, it is not now possible to regard our American species as the same as that occurring in England and Europe, known as Dichelomyia rosarum Hardy, but that it is closely allied to that species can not be doubted. We must wait for future studies to show us whether our Americanized form has sufficiently developed to admit of its being separated as a new genus and species.

DAHLIA PROPAGATION.

If this subject is not already talked to death it seems to me it will be shortly, but as I think I must have been the innocent cause of all this discussion, perhaps a few words are due the public from me, and at the same time I wish to express my appreciation to the publishers who have so kindly given space to this question.

What is it all over, anyway? Simply that I have presumed, without asking permission, to issue a trade catalogue in which I illustrate the comparative sizes of dahlia tubers. A reproduction of the illustration appears herewith. The following is the paragraph relating to the illustration:

A glance at the illustration will show how deceptive the words "field clump" or "whole root" may be. Some growers propagate from cuttings and some from tubers. Each produces what is known commercially as "clumps." It is therefore of the greatest importance to the purchaser which kind of a clump the advertisement or quotation refers to, Fig. 2 or Fig. 3. The figures presented represent fairly the relative sizes of commercial dahlia tubers as grown in this country.

As explained in my catalogue, the sizes are comparative and not fixed weights. The variety I used for the illustration was Countess of Lonsdale, which every grower knows is only a medium-sized root, as seen in Fig. 3. Had I used Earl of Pembroke, Gloriosa, or some other large-rooted variety, Fig. 3 would probably be marked from five to seven pounds and the other figures would be correspondingly larger.

With one exception all the writers who have expressed themselves are practically agreed as touching the uniform quality of stock grown from tubers and stock grown from cuttings, myself among the rest. The one dissenting voice is that of my friend W. P. Peacock, who in the March 24 number of the Review expresses his views freely on this "burning question," as he terms it. His ideas are so widely at variance with recognized authorities that I venture to say that his position upon a number of points cannot be maintained by the evidence. In my opinion growers will be slow to accept his statement that a rooted cutting planted out in May will grow a larger plant, of superior quality and have a larger root by fall than a tuber under the same conditions. Why should it?

Neither am I convinced that propagation from cuttings is more expensive. I have always believed it to be a far cheaper method. The evidence of this is seen in the fact that all dealers offer green plants at a much lower price than the dry tubers. There are good reasons why this should be so, as a green plant can be developed and placed on sale or set in the ground all within a short month, while a tuber must receive room and care for a full year.

Neither am I at all convinced that there is no danger from over-propagation or late planting. That a dahlia will stand a great deal of propagation is freely admitted, but there is a limit, especially to late propagation, which will give the young plant no time to mature its strength for the next season's growth. In my judgment many of the weaknesses of the newer varieties are directly traceable to over-propagation.

That tuber-grown stock is necessarily badly broken in the handling, may or may not be true. If careless help is employed it will be true, but I lose only a very small percentage of roots through breakage. And here let me say that all varieties with ill-formed roots or weak necks should be discarded, as they prove a continual source of annoyance to growers, dealers and amateurs. With the many thousands of varieties to select from there is no need of growing any but well-formed roots and flowers.

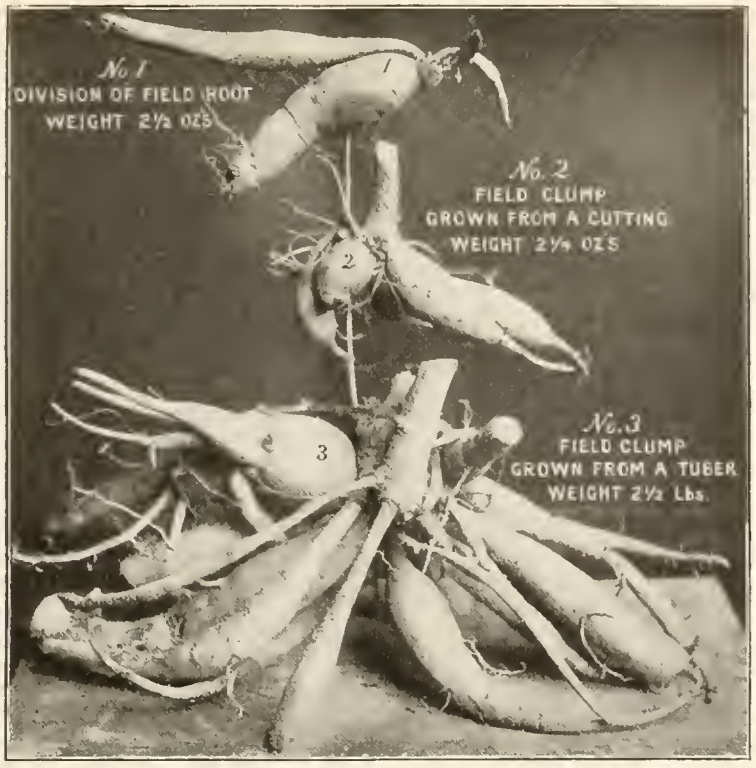
I was particularly impressed by one of Mr. Peacock's remarks when he said we should get down to a "given variety." For comparison he has selected Kriemhilde as the subject of his illustration and the major portion of his remarks. So for the purpose of the argument we will take Kriemhilde. His illustration shows three very compact specimens not susceptible to division by reason of the interwoven condition of the roots. His contention that these will not break in handling will be admitted.

The combined weight of these three as shown is six and one-quarter pounds, or a little over two pounds each for the average. In another article referenee is made to these same three specimens in the following language: "Many other varieties grow much larger and, of course, others grow much smaller." By this statement are we to understand that these specimens are to be considered a fair average for cutting-grown stock?

This will bring us face to face with a business proposition. Many if not all wholesale dealers in dahlias have two prices, one at which the purchaser pays the expressage and one for small orders at which the dealer prepays the package to any portion of the United States. This additional fee for delivery is from 20 to 25 cents per dozen. Mr. Peacock has such a notice in his 1904 catalogue. Are we to understand that he will send one dozen tubers of Kriemhilde to a distant city for 25 cents? By mail these would of necessity be six packages of four pounds each and $2 worth of stamps would be necessary, not counting anything for weight of packing material. This might do with a high-priced variety, but how about those varieties priced at $1 per dozen?

Does not this very general and fairly uniform charge of 25 cents a dozen for postal charges go to prove the correctness of my contention when I place the weight of commercial dahlia tubers at from two and a half to five ounces each, which is amply large for all practical purposes and as large as dealers can handle profitably in a mail or express trade?

Is there any need of increasing the size of the tuber? Do not the small pot roots as supplied by the English growers, weighing only one ounce, produce just as fine plants and flowers as the large roots grown for the trade in our country? I remember that when I began as an ama-



Illustrating Comparative Sizes of Dahlia Roots.

tenr, twenty-three years ago, we had to send to the old country for our new varieties, as there was no one on this side, so far as I know, who specialized or paid much attention to dahlias, although a number of dealers were carrying limited lists of them. Comparing the present with my early experience in dahlia growing, I see a vast change and improvement in varieties, but no change in method of propagation or results. We used both cuttings and divisions then, just as we do now.

With some of the statements of the advocate of cuttings all of the craft will agree, viz.: That a dahlia root is a tuber and not a bulb. That the tuber nourishes the eye. That the eye shrivels when the tuber is cut off. That a tuber broken at the neck is worthless. These things are self-evident. Yes, I had almost forgotten that information about the hatchet and cleaver for cutting the roots apart. My foreman thinks I had better get the cleaver and when not in use on the dahlias he could use it to disbud the carnations.

W. W. Wilmore.

NEW YORK.

The Easter Trade.

Easter 1904 is but a memory, but all things considered it is a pleasant one. After the drizzling rain of Thursday and the steady downpour of Good Friday, Saturday morning dawned clear and beautiful and floricultural New York was saved from disaster. But the long anxiety ends in universal success. "All's well that ends well," and this was certainly a glorious ending. Everybody has congratulations due. The growers will certainly shake hands with themselves. With hardly an exception the pickling business that has brought so much trouble in the past, both to the guilty picklers and the honest and conscientious ones who did not pickle, but who suffered in the general retribution, was eschewed. A few roses ashamed to lift their dishonest heads and a few carnations glad to hide in sleep the record of their futile attempt to hoodwink the careful buyer, were all that appeared to even keep in evidence this shadow of a system, let us hope, out of fashion for all time. The Christmas experience bore abundant fruit, not only as to the pickling menace, but the day of abnormal prices seems to be also at an end. Reasonable prices were expected by the growers and the result proves the wisdom of common sense expectations.

On Sunday at noon hardly a flower of any kind could be found in the wholesale stores and the wholesalers, encouraged by sensible confidence and co-operation on the part of their shippers, made a record for themselves that will never be forgotten. They asked only fair prices and not a man of them went home dissatisfied to his Easter dinner. In fact, the wholesale district was one vast smile on Sunday and the faces of the patient men who have done so much to make the cut flower business what it is were an inspiration.

The plantsmen have especial cause for gratitude. In none of the great establishments to which New York and surrounding cities look for their supply can a salable blooming plant be found. The requirements of the retailers were sufficient to clean out everything worth purchasing and, best of all, the public, which after all is the important factor in the whole consideration, nobly appreciated the feast the retailers had spread and Sunday night saw barely a salable plant of any kind in any retail store in the city. All day Sunday the selling proceeded, until for lack of supply the weary workers were forced to close the doors and rest. Many of them had not slept for forty-eight hours. None of the wholesale houses was closed on Saturday night. It was one of the "all night sessions" that may be recurred to without regret.

Not only was it a plant Easter, but the cut flower department is again in evidence. The public forced it. The retailers saw quickly the wisdom of responding. Once again the violet is queen. In the great parade on Fifth avenue every lady had a corsage of violets to add its share to the perfume and beauty of the day. Never was such a parade seen in New York and never was the violet so dominant. So much for fair prices and fine, fresh flowers, which arrived in double the last year's quantity and yet found a growing demand to the very end and long after every flower was gone. The top price for specials touched $1, there were not many of them; 75 cents was the average. Poorer grades sold for 50 cents, a few even less than that. Millions were disposed of, one house handling over a million.

Wholesale cut flower men handling plants were well pleased with results. Few were left over. Lilies, especially, sold well. The estimated top price of 12 cents was correct. Every lily plant and every cut lily in the market was sold. Inferior grades brought 8 to 10 cents, but the best were never wavering in value and 12 cents was paid without question or protest. Beauties held well at 35 cents for the very best; occasionally a few touched 40 cents. Brides and Maids, as the day closed, advanced to 15 cents, the stock of the finest being less than expected, but 12 cents was the average. Carnations held well at $3 to $5, with novelties from $6 to $8. Except a few sleepy ones, before referred to, not a flower was left unsold. The only "dead one" was the daffodil. There were too many of them and no one felt very "yellow" this Easter.

The florists' supply firms and the "green goods" men had one of the best Easters in their history. The supply with many was totally inadequate.

Next year Easter will arrive very late and calculations are already making Roses then will be abundant and I predict violets will honestly demand a higher price than they secured in 1904. Easter never comes before March 22, not later than April 25. But, of course, this is ancient history, though some may have forgotten it.

Since Easter.

Monday's cut flower market was a striking contrast to that of Saturday. Business was at a standstill; values dropped to normal figures; little stock of any kind reached the city. Violets especially were short, but the demand was unnoticeable. The reaction was universal. The general rest was beneficial to all concerned. With a continuance of the sunshine and the present temperature the end of the week will see enormous shipments and lower prices. The general expectation, however, indicates a good April, with a better business than any month of the present year to date.

Various Notes.

The seedsmen are busy with mail orders, and are ready for the inevitable rush which will come with the first actual spring day. The street nurserymen have begun to display their stock, the frost is rapidly disappearing, the department stores are offering rose bushes

by hundred thousands and the voice of the robin is heard in the parks, where the grass begins to take on the first tints of emerald. Some predict no "spring," but a sudden transition to summer. The season is now of necessity a short one and three weeks behind the average.

The majority of bulb men returning from their annual tours report exceptionally good demands.

L. Ussing, of Cranford, N. J., sent in a fine supply of the English cowslip to Geo. Bradshaw, who disposed of them to good advantage and declared the market could have used many times the shipment.

Peter Ross, of Broadway Station, Flushing, had the misfortune to have a large portion of his Easter supply stolen from the greenhouses there.

The retail stores of New York were many of them floral exhibitions. Never were they so entrancingly decorated. The plants most popular and most in evidence were Crimson Ramblers, azaleas, rhododendrons, acacias, metrosideros, hydrangeas, tubs of lilies, ericas bougainvillea and orchids. Hampers, Pompeaian designs and baskets, artistically filled with blooming plants and ferns were especially in demand.

H. A. Molatsch, of Brooklyn, who has been very ill for some time, is now convalescing.

The New York Florists' Club will hold its regular monthly meeting next Monday, April 11. The Easter trade and its lessons will be discussed by the members and the commissary department, under Jno. B. Nugent's management, will be especially attractive and commemorative of a banner Easter.

Scollay, of Brooklyn, is the architect of the two new greenhouses being erected for Henry Hession, of Flatbush.

Arthur T. Boddington, of the Clucas & Boddington Co., has commenced business on his own account at 35 Warren street, having severed his connection with the Clucas & Boddington Co. Mr. Boddington is popular and has had many years of experience traveling for this firm, and some years ago for Pitcher & Manda. His trips have covered every part of the country, and his friends are legion.

Acting as the representative of the New York Market Gardeners' Association, John Birnie has leased the site of the old Clinton Market for three months for $1,000. Tents will be erected for shelter and $15 a grower will be charged for stands for the season. The association has fifty members. It is possible that a permanent market may be erected some day. No stands outside the grounds will be permitted this year.

Sigmund Geller has moved with his family for the summer to Sheepshead Bay.

Bowling.

In the prize bowling contest of last week the second prize winner, Mr. Ford, was left out of our record. His total of 175 and the box of cigars won, are worthy of special mention. One more prize night will be given later on that will be conducted on different lines, the prizes being unwrapped and awarded the winners in the order of merit, so securing a better "run for their money."

The Bowling Club will meet at the alleys at 3 p. m. next Monday and a cordial invitation is tendered all florists to participate before attending the regular monthly meeting of the club.

The "aftermath" of Easter decreased the attendance at the alleys last Monday, many of the prominent men "resting from their labors." However, there was a fair turnout and some excellent scores were made, as the following list gives evidence:

Siebrecht	157	173	172	175	153	159
O'Mara	177	160	148	156	164	170
Shaw	135	133	147	131	167	155
Frank	138	143	153	146	134	184
James	168	148	121	158	155	198
Nugent	125	106	106	93	140	101
Van Tellingen	99	115	115	108	114	116
Gibbs	130	147	112	...	...	...

J. Austin Shaw.

ST. LOUIS.

The Easter Trade.

Easter trade in our city, from all accounts, was somewhat larger than last year, and especially so with blooming plants. The increase in sales on these should run 50 per cent at some of the larger places. Reports from those who handled mostly cut flowers say trade on Saturday and Sunday was much better than last year. Among the west end florists, where the most plants are sold, it presented a very busy appearance in both cut flowers and plants. The north and south end florists also report the best Easter in years.

The trade was very fortunate in having beautiful, warm weather on Saturday, when most of the plant deliveries were made. The plant trade did not present any especially novel features. The strongest demand was for azaleas and lilies; these, with hydrangeas, Dutch hyacinths, tulips and cinerarias, sold well. Church decorations the past week were quite numerous with the plantsmen.

The wholesalers were kept very busy with both shipping and local trade. All these report a splendid trade in everything. A great quantity of lilies were disposed of at $15 per 100 blooms. The inferior grades in roses and carnations suffered somewhat, but first-class stock was not any too plentiful. In second and third-class stock plenty was to be had. Prices on roses ran from $3 to $8 per 100 and carnations from $3 to $6. American Beauties were in good demand at from $3 to $8 per dozen.

Bulbous stock of all kinds was very plentiful and the quality of the stock unusually good. On this stock the price remained as usual. Violets were poor, with the supply somewhat limited, the bulk of them being California. The best wholesaled at $1 and from that down to 40 cents per 100. A big lot of sweet peas were in the market on Saturday morning, of good quality, with fairly long stems; 40 to 75 cents per 100 was asked for these.

What the Retailers Say.

St. Louis florists certainly had the biggest Easter trade in years, if reports count for anything. Here is what some of the leading florists say of the business:

In South St. Louis, Diemer and Oscar Heile report a fine trade. William Schray & Sons, Carl Beyer, F. Fillmore, W. H. Kruse, George Windler and Fred Bruenig were kept busy with plants and cut flowers. At these places things look pretty well cleaned up.

Ellison Floral Co. had a very busy week and everything sold well. Easter trade was never better. Ostertag Bros. never had so much to do as this Easter. Henry reports that they have the new Jefferson Hotel opening this week Thursday, in which a big lot of cut flowers will be used.

The Eggeling Floral Co. say they could not have done any more business than they did. Young & Sons Co. sold out pretty clean on everything in plants and cut flowers.

Among the downtown florists Miss Badaracco, Fred Foster, Riessen Floral Co., Alex Siegel, Jas. Dunford and the St. Louis Palm Co. all report a heavy trade in cut flowers. Very few of these had any plants to speak of. All were kept busy disposing of their big stock of cut flowers.

Up-town, Otto Koenig says he had a big rush on everything, is glad it's over with, and now for the advance work on our convention. Fred Meinhardt also reports the biggest Easter trade in years; everything sold well, plants especially. Max Rotter has a good word for his Easter trade and is well satisfied with his business.

The west end florists are very enthusiastic regarding their Easter trade from the following expressions: F. C. Weber's trade in plants and cut flowers was very much better than in former years. All fancy stock sold clean. Theo. Miller was well pleased with his Easter business; plants and cut flowers sold much better than last year. C. C. Sanders had all he could do in the plant line and there was not much of anything left; cut flowers, too, had a good call. With Kalisch & Sons everything sold big, plants better than ever before, with not much of anything left. J. F. Windt could have sold more blooming plants; everything sold clean and it was the best Easter in years. Miss Newman had a fine trade, in fact better than expected. George Waldbart had not enough left to carry away in a chip basket; cut flower trade was beyond expectations. F. H. Weber had a fine trade; plants sold clean, with a big call for cut stuff. Mrs. Ayers had all she could do in cut flowers and plants; ten church decorations kept all hands busy.

Various Notes.

During the big rain storm last week Thursday hail did some damage. George Windler, at 4059 Delore street, was hit the heaviest. Mr. Windler reports about 250 lights of glass broken. Among the other florists in South St. Louis only a few lights were broken, not enough to make a claim. The storm also did considerable damage to the Cascade Gardens at the World's Fair grounds, which were repaired at once. Lightning also played a part in the damage to the Dustard Seed Co., on Third street. A thunderbolt passed through the roof, clear to the basement, setting fire to the woodwork. The damage is estimated at $200.

The landscape work around the English building in the World's Fair grounds is in fine shape and bulb stock is now in full bloom. Mr. Brown, the English landscape gardener, was congratulated on all sides for having the first flowers to bloom on the grounds. Other landscape work on the grounds is being greatly advanced by hard work.

Robert Karlstrom, forester for the park department at Hartford, Conn., is in town looking after the landscape work

about the Connecticut building at the World's Fair. Mr. Karlstrom comes well recommended by our friend, Theodore Wirth, superintendent of public parks at Hartford.

Bowling.

The two teams of the Florists' Club got at each other again on Monday night, Team No. 1 again winning by the following scores:

Team No. 1.	1st.	2d.	3d.	4th.	Tl.
J. J. Beneke	180	172	212	156	720
Tho. Miller	169	146	108	162	585
F. C. Weber	125	129	151	167	573
Will Adels	148	133	170	144	595
Fred Weber	135	114	121	188	558
Totals	757	695	762	817	3028

Team No. 2.	1st.	2d.	3d.	4th.	Tl.
C. A. Kuehn	163	203	147	154	667
C. Beyer	146	116	133	156	551
F. Ellis	129	133	137	153	552
F. Meinhardt	129	120	109	116	465
O. R. Beneke	109	180	154	126	569
Totals	676	762	671	705	2804

J. J. B.

PHILADELPHIA.

Easter Trade.

The volume of Easter business was very large. Opinions vary as to whether it exceeded that of last season; probably it did, as there are more greenhouses and more stores than a year ago, although few of the dealers taken individually exceeded their last year's business. Blooming plants were, of course, the leading feature of the Easter business. These sold exceptionally well. Azaleas and lilies head the list. Very many of the retailers had not a salable plant of either left on Monday. The department stores handled lilies in large quantities, one store had about 5,000, but pretty much all were sold by Good Friday. It was said on the street that this stock was purchased at 8 to 9 cents a flower. It was sold at 12 cents a flower, the prevailing price in the wholesale market. The stores, however, obtained 20 to 25 cents a flower. If they suffered from the competition of the department stores it was not evident. Hydrangeas, genistas, spiraeas, bougainvilleas and pot roses were all in good demand. Crimson Rambler was hardly as popular as in the past. Well grown bulbous flowers in pots and pans were rather scarce. Hamuers of plants were not so much in evidence as in the past. The week of cool, not to say cold weather, greatly favored the retailers. The rain interfered a little with the shopping perhaps, but there was no temptation to barter on the corner with the street vender, and the stock, once inside the stores, kept remarkably well. A good many lilies were late and a good many hydrangeas were green, but everything in condition was readily marketed.

The Market.

The Easter demand for cut flowers exceeded expectations. A week of cool, cloudy weather kept the quantity down, while it improved the quality and prices held firmly. Violets were the principal article on the list and the quantity used was something enormous. The leading retailers kept their growers busy picking, besides buying all they could get from the commission houses. The price advanced on special orders as high as $1.50 for doubles and $1 for singles. Practically all the cut lilies in the market were sold at from $10 to $12 per 100. Carnations were of fine quality and brought good prices. White did not seem scarce, but red did, curiously enough. Beauties, Brides, Maids and Liberties were all in active demand, and in many cases Sunday morning shipments were necessary to complete the orders. Most of the fancy Beauties brought $6 a dozen. Brides and Maids $15 100. Sweet peas were in fair demand. There was no particular call for lily of the valley, though a good many were used in small lots. Smilax was very scarce indeed. Callas brought good prices, from 12½ cents to 25 cents each.

At the Stores.

H. H. Battles did a heavy business all along the line. It is wonderful what push and system can accomplish in a limited space. Plants are sold chiefly from sample, quality guaranteed.

George Craig seemed well pleased with the business done, both in plants and flowers.

Robert Crawford & Son did a great business, especially in plants. They thought it exceeded past seasons, at any rate they could not have done more.

Hugh Graham did a decidedly larger business than a year ago. He noticed an increased demand for specimen azaleas. He sold all his large stock of lilies advantageously.

Joseph Kift & Son cleared up an immense quantity of stock and were well pleased with the Easter results. Their handsome store looked quite bare on Monday.

Pennock Bros. handled an immense quantity of plants, azaleas and lilies being leaders. Something over 2,000 large plants were sold. They kept several clerks busy filling violet orders all day Saturday, and had to send back to their growers that night for more.

City Council.

Easter Monday saw the convening of the new city council, a somewhat smaller body than of yore, but none the less objects of the affectionate remembrances of their friends. Robert Crawford & Son decorated the select chamber with handsome flowering plants, also Beauties and lilies, while the Wm. Graham Co. perfumed the same office in the chamber of the lower branch. Both firms, besides many others, distributed handsome plants and bouquets on the members' desks to be afterwards delivered at their homes.

Notes.

M. Rice sailed for Europe last Thursday on the Deutschland. Mr. Rice is in search of the choicest products of the continent to add to the attractions of his firm's establishment.

Wm. K. Harris delighted the members of the Florists' Club with "The Mistakes I have Made in Floriculture" at the April meeting, last Tuesday evening.

George Huster, gardener at Girard College, has been ill at St. Joseph's Hospital.

A very large number of perennials have been killed by the severe winter.

Berger Brothers filled a nice order for thirty-six dozen Beauties on Easter Monday.

Double daffodils appeared to be the best sellers among the bulbous flowers at Easter.

Robert Scott & Son had a few very fine gardenias that were sold in pots.

No one need want for lilies for the next few weeks.

John Burton is sending fine Beauties to Leo Niessen. Phil.

PITTSBURG.

The Easter Trade.

I am safe in saying that Easter has again come up to all our anticipations; the general report is very satisfactory. The best grade of stock was most in demand. Much bulbous stock was left standing around, in fact tulips, daffodils, Paper White narcissi and hyacinths were not in demand at all; these flowers seem to be growing less in favor each year. Much of this stock gave evidence of having been held back. Carnations, roses and violets were good sale, in fact, roses and carnations were ordered in greater proportions than ever.

The scarcity of smilax and wood ferns created a big demand for asparagus. Lilies held their own, the supply was just about equal to the demand. Quite a number of large flowering plants are left on hand with every retailer; the demand for these large plants was not as good as in former years. The cut flower business was not affected this year as much as last by the blooming plants. This may be due to the reasonable prices asked by the wholesalers. The usual increase in prices on cut flowers for Easter was not as heavy as in former years.

Ernest Zieger, manager of C. T. Siebert's retail stands at Liberty Market, transformed that place into a flower garden. He reports Easter business very good.

The display of flowers and blooming plants made in the Allegheny Market by the florists was immense. E. C. Ludwig's big new stand was a regular flower show in itself, and business was rushing. G. & J. W. Ludwig report a very satisfactory business. Frank Falk's pretty stand was a perfect mass of flowers and he did a big business, too. F. Britenbaugh & Bro. had the finest Cardinal, Yellow Prince and Murillo tulips I saw this season, also daffodils, and all of their own forcing.

The cut of the Pittsburg Rose & Carnation Co., was extraordinarily heavy and of exceedingly good quality last week.

B. L. Elliott had a fine cut of roses and carnations for his Easter shipments.

The Pittsburg Cut Flower Co. reports a very satisfactory Easter trade. Mr. Langhans says the demand for the better grades of roses and carnations is on the increase at holiday times.

The annual Easter flower show at the Phipps Conservatories is very fine this year. The show is attracting thousands of visitors from out of town places and the railroads put on a special train on Easter Sunday which they named the Floral Excursion.

"A carnation with every shine" was the wording of a placard, a progressive shoe shiner displayed on Easter Sunday in Allegheny.

Some very fine Kaiserins are now arriving from Fred Burki's Crystal farm greenhouses.

This week starts with a very encouraging vim; special activity in the matrimonial market is the cause.

Hoo-Hoo.

Kalamazoo, Mich.—During the recent flood John Calder succeeded in keeping heat in his greenhouses for a time by erecting an upright boiler on the sidewalk outside his place after the water had extinguished the fires in the boiler pit.

CHICAGO.

The Easter Market

A review of the Easter market shows that stock came in heavily during the first days of the week and there was plenty of everything up to Thursday night. On Friday receipts were somewhat lighter, demand more brisk and prices stiffened perceptibly. On Saturday morning receipts were again heavy and shipping demand practically at an end and the market weakened, but local trade was heavy and everything was well cleaned out at noon. Those houses which had considerable receipts on Saturday afternoon found little doing and carried much of the stock over until Monday. But, taking it by and large, it was the most satisfactory Easter on record. Qualities were fine everywhere.

Going into the situation more in detail, it seems that the lilies were not the disturbing factor they have been in many years and this portion of the business was handled to better satisfaction than usual. The receipts were very well cleaned out, only a few poor flowers being left on hand. Prices ranged from 8 cents to 15 cents, according to the quality of the goods. If average prices may be considered, average goods brought about 12 cents.

As was expected, Beauties and red roses were short of requirements, but not so seriously short as was anticipated, because it was well understood that there would be a scarcity and buyers did not order largely in this department. Good roses sold out clean up to Saturday afternoon, but the market had many hundreds of choice stock to carry over Sunday. The grower who held back his stock until Saturday afternoon made a very serious mistake.

There was a tremendously heavy business in carnations, but in the majority of houses all orders were filled practically complete. The exceptions were some of the very large orders. As had been anticipated there was considerable low grade stock, which was difficult to move at any price, but in general the receipts averaged of excellent quality and moved out at probably the best average prices ever realized in this market for a week's business. The carnation growers certainly have no cause for complaint, even if there were moderate quantities left unsold Saturday noon.

There were unlimited quantities of bulbous stock all through the week and, although sales were large, there was at no time a demand which would warrant an advance over the prices which have prevailed all season. If there was any exception to this it was first-class tulips. Southern jonquils came in heavily and were sold in large quantities at very low prices.

The violets were one item which did not do much for Easter. Last year at Easter first-class goods made a very fine average, but sales were slow all the week and on Saturday afternoon the lower grades were jobbed off for practically what the buyers would give. There were hundreds of thousands of violets on hand on Saturday and only the cream of the stock made a presentable figure.

Not only are the wholesalers well satisfied with the outcome of Easter business, the general report being sales well in advance of any other year, but the retailers, too, are generally well pleased although there is scarcely one who did not have more or less material left on hand. The lilies in pots usually sold out but the down-town dealers seem to have had a little the best of the outside retailers in respect to cleaning up in the plant department. There were large azaleas left nearly everywhere, also more or less bulbous stock in pans, although very great quantities were used. Certainly the plant business was the heaviest ever known in Chicago. Many of the retailers remark on the lack of call for roses and nearly everyone had stock enough left to carry him through Monday and Tuesday of this week. A few had carnations left, but this was because they had bought a great deal more heavily than usual. Many of them had violets to spare but this is largely attributed to the fact that Sunday was very cold and unfavorable for transient sales.

Business has been dull this week. The country has been heard from regularly but usually in a small way and the requirements have made no appreciable impression on the supply. Values are ruling low now and it looks as though there would have to be a big increase in demand or we will get the spring glut in very short order after the plants recover from the close cutting for Easter.

The Reinberg Testimonial.

It was a splendid tribute to Peter Reinberg's integrity, ability and popularity which the voters of the twenty-sixth ward paid to the "carnation candidate" on Tuesday. In a ward nominally from 800 to 1,000 republican, where it is hard work to induce a democrat to make a campaign, Mr. Reinberg, the democrat, received 4,589 votes, within five of twice as many as his republican opponent. Mr. Reinberg made a unique campaign and attracted wide attention by the thoroughness of his canvass; his strongest adversaries early conceded him a chance of overcoming the republican majority, but not even his most sanguine friends anticipated so overwhelming a victory. It is whispered that the party managers are thinking that a carnation campaign with the same candidate might be a good thing to cover the whole city next spring.

Various Notes.

The Board of Trade firm of Wanzer & Co., in which Wm. H. Chadwick is the junior partner, filed a petition in bankruptcy on Wednesday, scheduling liabilities of $114,034 and assets of $90,632. Mr. Chadwick is the president of the Horticultural Society of Chicago.

There was a quartette present at the meeting of the executive committee of the Horticultural Society Wednesday. Nothing was done but it seems certain that a good show will be held this fall as several halls are available, including both the Coliseum and Auditorium.

Several of the local wholesale and retail houses have recently put in new duplicating sales ticket machines, choosing the one manufactured by the Globe Register Co. in preference to others.

Mr. and Mrs. O. P. Bassett returned Saturday from a long and enjoyable stay at Pasadena, Cal.

George Reinberg reports the trade in cuttings wonderfully heavy in March, putting him well ahead of last year in total sales to date.

Kennicott Bros. Co. had a few candidum lilies for Easter, but did not find the buyers particularly anxious to possess them.

Wietor Bros. have bought "pecky" cypress for bench material this season.

A. L. Randall Co. reports handling 78,000 violets for one Hudson river grower during Easter week.

The regular meeting of the Florists' Club was called for Wednesday evening, April 6, at Handel Hall, to discuss Easter business.

Mr. and Mrs. Fred Hills have a little son.

H. Bauske is just coming in with a big crop of very fine Liberties.

E. E. Pieser has been on the sick list a day or two this week.

Violets were sold at a cent a bunch on Monday.

Among the week's visitors were James Schols, of Grand Rapids; J. Sanstrom, Momence, Ill.; John Stoer, Peoria, Ill., late of Kalamazoo, Mich.

INDIANAPOLIS.

Easter Trade.

There was only one thing to prevent this from being the greatest Easter, as far as business goes, in the history of the trade here. All the growers and storemen had large stocks of fine stuff and the demand promised to be very heavy early in the week. But on Thursday night within a few hours almost three inches of rain fell and flooded this section of the state almost as deep as it did a week before. Street car service was stopped from Friday night until Saturday evening and people who usually depend on the street car could not get to the florists' places of business. Especially was this true with those who patronize the Tomlinson Hall flower market. Things looked blue until evening, when car service was resumed and a great rush of buyers took everything in sight.

The stores all report a great business, but a little inconvenience on account of the crippled car service. Sunday morning there was a great rush at the stores that cleaned them up nicely. There was a fine lot of stock both in blooming plants and cut flowers and prices did not soar as they do sometimes. Carnations took the lead in cut flowers and everything in sight was cleaned up. Many were shipped in, some of which were very fine, while a large part of them were only fit for the dump. While homegrown stock always gets the preference, it is this shipped stock that keeps the prices down. There are always those who think they must have about double what they can sell and are not willing to pay the price of good stock. One grower invested in 3,000 4-cent blooms and had to sell them out at 35 cents per dozen. Another department store received 8,000 blooms on Saturday and had practically no trade for them. It was impossible to wholesale them, as they were too trashy. The regular growers and storemen have no sympathy for them, but rather hope that they will learn a lesson after they "get stuck" a few more times. Those who were contented to dispose of their own stock at fair prices are all well pleased with their business, especially when they consider the obstacles to be overcome.

A. B.

Galena, Ill.—Ben Vandervate had his usual Easter flower show and rented a down-town store for it, to which he attracted many visitors and did a nice business.

Dorchester, Mass.—L. H. Foster, is recovering from the serious illness through which he has been passing. He has reached the point where he can eat three square meals a day.

Buffalo, N. Y.—W. J. Palmer & Son had a column write-up of their Lancaster greenhouses in the Buffalo Commercial for March 30. It must have been the best kind of advertising.

Boston, Mass.—Welch Bros. took the entire lower floor of the St. Nicholas Hotel, almost directly across the way from their place, as a plant salesroom for the big Easter business.

Detroit, Mich.—Miss Anna S. Schulte opened a floral department at the L. A. Smith dry goods store before Easter and will confine her business to that location in the future, giving up her store at 204 Woodward avenue.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—CHEAP—At a bargain: greenhouse plant, partially consumed by fire; large retail trade in cut flowers and design work; excellent opportunity for a practical grower, with a little money. Address Chessman & Schepman, Richmond, Indiana.

SITUATION WANTED—Private gardener would like to hear from some party, who could help a man to a private place. Please send address to No. **101**, care Florists' Review, Chicago

SITUATION WANTED—As foreman by a grower of twenty years' experience; best of references; married; good worker; steady habits. Address Chas. Duerr, Morton Grove Greenhouses, Morton Grove, Ill.

WANTED—By May 1st, a man of some experience in greenhouse and garden work. Must be sober, industrious and honest. State whether married or single, and kind of work heretofore done and salary wanted. Address Eugene Secor, Forest City, Iowa.

SITUATION WANTED—By a good all around man; Missouri or Illinois preferred; best of references; state wages. Address No. **100**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—At once, a young man with some experience in flower store. Address 568 North Ashland Ave., Chicago.

WILL DRAW YOUR PLANS for private gardens; charges reasonable. Address F. A. Haenselman, L. A., Lafayette, Colo.

FOR SALE—Greenhouse property consisting of 4 70-ft houses with windmill, water tank, steam pump, boilers, etc., house, barn and plenty of shed room, also long time lease on 6 acres of good land, 2½ acres of which is in fancy asparagus; located on the Pan Handle Railroad, 2 miles from Harvey, 2½ miles from Hammond, 4 miles from Pullman and alongside of a large cemetery. Address Chas. Milhann, Dalton Station, Ill.

SITUATION WANTED—Middle aged man of ability desires engagement; sober, reliable, energetic; good grower, maker-up, etc; retail place preferred. Address Florist, 2495 Massachusetts Ave., Cambridge, Mass.

WANTED—At once; managing foreman to take charge of 35,000 feet of glass, in cut flowers; one who can handle men to advantage and can produce the best results; must have best of references as to character and ability; state wages wanted and give references; also want first class assistant. Address C. R. Hills, Grand Rapids, Mich.

WANTED—A good active assistant for general greenhouse work; $25 per month; board and room to good man; work the year around. Address Keller, The Florist, Woodmere, Mich.

FOR RENT—Eleven greenhouses, rooms and stable; in Clifton, Cincinnati, O. Apply to Jno. J. Schiff, 206 Carlisle Bldg., Cincinnati, O.

WANTED—At once; bright, strong young man as florists' assistant; used to and willing to do field work; wages $25.00 per month with board and washing, to start; advanced if deserving; those replying to this, please be prepared to come at once if accepted; job permanent to good man. Address I. Merwin Rayner, 81 Front Street, Greenport, N. Y.

FOR SALE—New Glass, never been opened; 10 boxes A Double 16x24 at $3.80 per box; 50 boxes B Double 16x24 at $3.40; 40 boxes B Double 16x18 at $3.25 per box; 50 boxes A Double 16x18 at $3.40. Address Davis Bros., Morrison, Ill.

FOR SALE—Greenhouse establishment in up-to-date city, with best of transportation facilities, both steam and electric; thoroughly established retail business; conveniently located for wholesale if desired; a desirable property at price that makes it worth investigating. For complete description address No. **59**, care Florists' Review, Chicago.

WANTED—TO RENT—A place of about 15,000 to 20,000 square feet of glass, by two reliable young men; have from $500 to $600 to buy stock; please state full particulars in first letter; we mean business. Address No. **99**, care Florists' Review, Chicago.

SITUATION WANTED—By first class grower of A1 roses and carnations and general stock for retail place; gilt edge references; single, age 36. Address No. **97**, care Florists' Review, Chicago.

WANTED—A young man capable of taking charge of a small retail place where cut flowers and potted plants are grown; good wages. Address F. B. Tinker, Peru, Indiana.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—Account of health of owner. The Florence Greenhouses; completely stocked; hot water heat; doing good business; price $1,000, worth $3,000. Address Templin & Co., Florence, Colorado.

SITUATION WANTED—As foreman, near Chicago, to grow roses and carnations; can furnish the best of references as to ability, etc., from prominent Chicago growers. Address No. **94**, care Florists' Review, Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses, and large lot, together with piping, tools, dies, and pots. For particulars address No. **60**, care Florists' Review, Chicago

FOR SALE—Oak Park greenhouses, lot, 100x181 with good 9-room house and barn; will sell at great bargain, as sickness compels immediate sale. Address Clarence E. Smith, 145 La Salle St., Chicago.

MUST BE SOLD AT ONCE!

The entire Plant of Chas. Ammann, 7th Avenue and 119th Street, New York, as property is to be cut up into building lots.

1 Hitchings Boiler, No. 19 Tubular, in use about three years, $95.00.

1 Hitchings Boiler, No. 19, Corrugated Fire Box, in use four years, $85.00.

2 Hitchings Boilers, 2 Tubular and 1 Corrugated Fire Box, in use five years, $85.00.

Pipe, 6 in., 16c. Also lot of 6 in. fittings, Ts, Ls, etc.

Expansion Tanks, $2.50 each.

200 Boxes Glass, 12x18 and 18x20, $2.50 per box.

2000 ft. Slate 4 feet wide, 4c. ft.

Address all communications and make all checks and money orders to

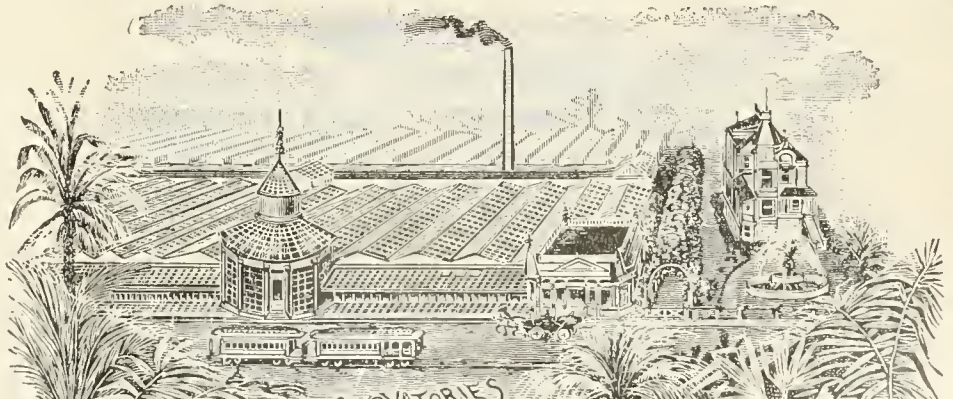
V. E. REICH, care of Chas. Ammann,
7th Avenue and 119th St., NEW YORK.

This Place has to Make Room for a Large Apartment House

YOUR LAST CHANCE TO BUY

this entire place, 1200 running feet of modern (25 feet wide) houses, as good as new, for only $3,000, cost $20,000. The stock, equal to the best in the country, invoices $30,000. Over 100,000 Palms and Ficus, besides Ferns, etc. The entire plant, with the stock, can be had for $18,000, one year's time to remove, no rent charged. See The Review, March 31, page 1000, for the low prices we offer on Palms now before the auction; 10 per cent. special discount on anything in 100 lots, or 15 per cent. on 1000 lots of any kind offered.

We make this offer to avoid an auction, but if we cannot sell the entire plant and stock to one party the auction will be held and announced in all the trade papers.



Get a Sample Shipment. We allow you to inspect the Plants before you pay the Express Company. No Goods Shipped by Freight if Less than $10.00, except 50 Cents is added for Drayage.

ALBERT FUCHS, 2045-59 N. HALSTED ST., CHICAGO.

BOSTON.

The Easter Market.

One more Easter has come and gone and growers, wholesalers and retailers are practically unanimous in pronouncing it the best on record. This is the more surprising when general trade conditions are considered, for business in some of our staple New England industries is not of the best; but one thing is certain, viz., that the Easter sales aggregated more than ever before and that growers and dealers, after the strenuous rush, are tired but contented mortals.

Plants are yearly coming more and more into evidence and the volume of business done in these reached tremendous proportions this year. On Saturday almost every other person met seemed to be carrying a plant of some description and florists' delivery wagons, ordinary express teams and other vehicles were loaded down with plants. Plants are yearly becoming more popular as Easter presents and those who had a good stock of varieties which took the popular fancy are well sold out.

Easter lilies were in decidedly short supply. The quality generally was quite good, although some showed by their limp appearance that they had been sweated into bloom. Boston clings to Lilium longiflorum and probably not one per cent of those sold were Harrisii. Prices averaged $15 per 100 buds and blooms. A few sold higher late on Saturday afternoon. E. N. Pierce & Co. and W. W. Edgar supplied the largest quantity and the quality was first class. At one time Lilium candidum was grown in considerable quantity for our market, but not a flower was seen this year. One florist who wanted a six-foot cross of it for a customer was unable to secure any.

Crimson Rambler roses, next to lilies, were in best demand. Plants which had been grown altogether in pots were vastly superior to fall-potted-up specimens, the trusses on the latter being only a fraction the size of the former. Yellow marguerites, Kalmia latifolia and Acacia armata seemed to take well. Azaleas, especially red and white, sold in large quantities. The increasing popularity of gardenias was evidenced by some of the retailers stocking up with some well-flowered plants of G. florida in 8 and 10-inch pots. E. McMulkin had a fine lot of ericas, including Cavendishiana, ventricosa magnifica, Wilmoreana, persoluta alba, translucens and perspicua nana. These took well. Genistas did not cut much of a figure this year and metrosideros was little called for. Nicely flowered varieties of prunus and pyrus, with Campbell violets growing in the tops of the pots, were in demand. Spiraeas did not sell very well, the varieties grandiflora and astilboides taking the best. Hydrangeas were fewer than usual; blues seemed to sell the best.

Hybrid roses, English primroses, double violets, bulbous stock in variety, lily of the valley and rhododendrons were seen in quantity. A good deal of bulbous stock was, as usual, left over. Palms, araucarias and other foliage plants were only in very slight demand, although a good business was done loaning them to the numerous churches. Good Friday was a soaking wet day. Saturday fortunately was a good day for delivering plants. Sunday proved a typical March day, being cold and blustery; temperature until late in the evening was above freezing.

Saturday's cut flower market was well cleaned out at noon, some pink carnations, violets and bulbous stock being practically all that was left. In roses some extra fine Beauties came from Waban Conservatories and Elliott; 50 cents to 75 cents each seemed to be ruling prices for high grade stock, although some were said to have sold higher. Brides and Bridesmaids brought from $6 to $20 per 100, according to quality. Liberty and Meteor, as well as such hybrids as Jacq. and Brunner, sold well, prices varying from $10 to $50 per 100. Golden Gate, Ivory, Carnot and other sorts were offered in moderate quantities.

In carnations fancies brought from $6 to $8, good $4 to $5, and ordinary grades $3. Scarlet sold the best but Enchantress, Prosperity and extra good whites were in demand. Lawson shades were rather druggy. There was a fine lot of violets; it would seem as though the crop had been held up for a fortnight. Quite a number of doubles were still unsold in the market at 2 p. m. Extra good Princess of Wales brought $1 and Campbells 50 to 75 cents per 100. Valley sold for $3 to $6, the top quality being superb. In narcissi the large trumpet varieties like Horsfieldi and Emperor went well, as did Poeticus, but princeps and double Von Sion were in heavy oversupply at every street stall.

Extra fine Mont Blanc sweet peas sold at $1.50 to $2. Blanche Ferry was in less demand. Other flowers on sale included antirrhinum, Anemone fulgens, ranunculus, daisies, pansies, wallflowers, hardy primroses in variety, callas and a few orchids, such as Cattleya Luddemanniana, Dendrobium nobile and Cœlogyne cristata.

Various Notes.

E. McMulkin had the daintiest Easter window of any of the retailers. It was a creation in white and included Easter lilies, ericas, gardenias, Cœlogyne cristata alba, sweet peas, lily of valley, Narcissus ornatus, antirrhinum, roses, carnations, orange trees and azaleas.

Kenneth Finlayson is back from a lengthy stay in Europe in much improved health. It is hoped he will locate near the Hub so that the horticultural shows may have the benefit of his exhibits.

At Horticultral Hall on April 2 a large audience listened to the closing lecture of the season's course by Geo. C. Watson, of Philadelphia, on peonies.

W. N. Craig.

CINCINNATI.

The Market.

The greatest flower day of the year has come and gone for another time, and it appears that this year it leaves most pleasant memories. Saturday was an ideal day, and thousands of people were on the streets. Sunday was not so good, though, as it was cloudy and cold, still it did not affect the sale of flowers greatly. There can be no question but that the trade was equal to last year and I believe that in most cases it was ahead. Then the supply of most kinds of stock was about equal to the demand. The storemen did not have the usual worry

We are Headquarters on

ROSES

And stand ready with the stock to back up our advertisement that we have the best in the West.

LIBERTIES

Our crop of Liberty is now in and IT IS FINE STOCK.

Long select.....$10.00 per 100 | Medium .....$6.00 per 100
Good ..... 8.00 " | Short .....$3.00 to 4.00 "

Maid and Bride

Extra fancy stock, $8.00 per 100 | Good selected stock....$5.00 per 100
Fancy stock ..... 6.00 " | Good stock..... 4.00 per 100
Short stems.....$2.00 to $3.00 per 100

A. L. RANDALL CO.

19-21 Randolph St. CHICAGO.

Good STOCK Plenty

Receipts are large and qualities leave nothing to be desired. At prevailing quotations you ought to be able to use large quantities of choice material. Send us your orders.

ALL CUT FLOWERS IN SEASON

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—40-inch stem	$4.00
24-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	$5.00 to $6.00 per 100

	Per 100	
Brides and Maids	$3.00 to	$8.00
Meteors and Gates	3.00 to	8.00
Perles	3.00 to	6.00
Roses, our selection	4.00	
Carnations	1.50 to	2.00
" large and fancy	3.00 to	4.00
Violets	.75 to	1.00
Valley	3.00 to	4.00
Romans, Paper Whites	2.00 to	3.00
Tulips	3.00 to	5.00
Daffodils	2.00 to	3.00
Sweet Peas	.75 to	1.00
Callas, per doz.	$1.25 to $1.50	
Harrisii...per doz.	1.50 to 2.00	
Asparagus, per string, 30 to 50c.		
Asparagus Sprengeri	3.00 to	6.00
Ferns...per 1000, $3.50		.40
Galax.....per 1000, $1.25		.15
Adiantum		1.00
Smilax .....per doz., $2.50.		
Leucothoe sprays		1.00

Subject to change without notice.

about filling late orders and everything went off very smoothly.

As is usual, there was salted stock in evidence, and some of it was pretty fierce and resulted in a loss to the grower. But taken as a whole the quality of the goods handled was very good. There was considerable bulbous stock left over, but that was due more to poor quality than lack of demand. Harrisii and calla lilies were fine and were in big demand. There was a heavy call for violets and not nearly enough to fill all orders. Carnations did fine and brought high prices. First grade roses were none too plentiful. Long stemmed Beauties were much in evidence and sold fairly well. They are not an Easter flower, however, and so they did not bring such high prices. Green goods were very scarce.

The Easter shipping trade was very good and some first-class stock was sent out. The shipping trade from this city is growing constantly and is bound to be a big factor some day.

At present trade is somewhat slow, as it usually is after a holiday, but we are having some fine weather, and it ought to bring forth some fine stock.

Various Notes.

John Evans is in the city. He is superintending the placing of a large number of his ventilating machines in the big factory buildings that are being erected at Norwood.

As is usual at Easter, the growers in the Jabez Elliott flower market did a rushing business Saturday. There was a continual crush of people from opening till closing time, and thousands of dollars' worth of flowers were sold. The market was a sight well worth going many miles to see, and one that is not equaled anywhere in the United States.

The regular meeting of the Florists' Society will be held Saturday, April 9. There will be some special business to be disposed of. C. J. OHMER.

BUFFALO.

The Easter Trade.

Without definite information, we believe the Easter of 1904 was the greatest flower festival ever known in this city, and in some respects much greater. The decorations of churches, once a great feature of our Easter business, have been growing less and less elaborate for several years, a few palms being often the extent of the committee's work, contributions of plants by individuals making up the rest of the decoration. We don't miss that part of the business any, for where ten or fifteen years ago there was a pretty plant bought to brighten the home or, still oftener, to give to a friend, there are today at least 100. In another column I have spoken of the plants that were greatest in demand, so I need say no more, only to repeat that it seems each succeeding year that plants are the leading feature. There must have been an enormous quantity sold.

Flowers were plentiful. Carnations were of the finest quality and abundant, and you could buy mighty fine ones at $1 per dozen retail. That will compare very well with ten years ago, but is not as good as last year. There were plenty of roses also. American Beauty roses could be bought wholesale at $25 per 100, and there were more than enough. Valley sold fairly well because it is never raised in price. Bulbous stock is always a little slow at Easter. The flower that was decidedly the flower of the day was the sweet little violet, either double or single, but I suppose there were a thousand double to every hundred single. This man sold 20,000 another 25,000, and we can swear that one small firm sold 12,000, so I should say there must have been 150,000 violets sold on Saturday and Sunday. W. Ehman sent in from Corfu some 500 bunches of sweet peas and they all sold.

Those who look for a large demand from people visiting the different cemeteries on Easter Sunday, which is the case if the weather is mild and pleasant, were disappointed, for it was much too cold, and but few ventured out. The Tuesday, Wednesday and Thursday were fine and bright. Friday came in dark and cool. On Saturday it was 3 or 4 degrees above the freezing point, with the wind blowing forty miles an hour. Flakes of snow went scudding along ten miles without alighting on the ground. It was the very worst kind of a day for delivering plants and necessitated the careful wrapping of every plant. Sunday was clear and cold. We are inclined to think that these unfortunate weather conditions were largely local and expect and hope to hear that in most localities the weather was all the florist could desire. With all our misfortunes in that way, it was a glorious Easter for us all and long may the dear public's fancy turn to a pretty plant or bunch of flowers for an Easter remembrance as they did this year. W. S.

COLUMBUS, O.—The Franklin Park Floral Co. invited the public to an Easter flower show at its greenhouses March 31 and provided music and refreshments.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems	per 100, $5 00 to $6 00
Bridesmaids	per 100, 6 00 to 8 00

	Per 100	
Bride	$6 00 to	$ 8 00
Ivory	6 00 to	8 00
Liberty	6 00 to	8 00
Golden Gate	6 00 to	8 00
Perle	6 00 to	8 00
Carnations, good		3 00
" fancy		4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

Mention the Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

In the London auction rooms Excelsior Pearl tuberoses have sold at about 20s. per 1,000.

The sale for dormant canna roots will hardly begin this year until the usual time for offering the potted article is well advanced.

The market gardener is beginning to fear that his hotbed plants will be too far advanced before a chance to set them out will come.

Seed potato orders at catalogue rates are coming in faster than the strawberry crop, and it is money out if the seedsman tries to fill them.

Field corn receipts are more plentiful and the market is somewhat easier. It looks as though enough safe growing stock will be available.

An enterprising hardware dealer in a Chicago suburb is trying to force things. He has a sign in his window reading, "Lawn Mowers Sharpened."

The Venable Seed Company, of Owensboro, Ky., has been incorporated with $6,500 capital stock. The incorporators are T. S., S. Q. and J. A. Venable.

Floor walkers in the Chicago department stores are hopeful that spring is nearing, several inquiries for the seed department having reached them the past week.

Free distribution by the government, packets given away as inducements for subscriptions to magazines, spring floods, and late frosts are hard on the seedsman's nerves.

Bermuda onions are not making expenses for the importers. The stock in some instances is poor, and in all cases fails to come up to the expectations of the trade, even with domestic onions practically exhausted.

Last spring was thought to be exceedingly late at points as far north as Chicago, but there were many thousands of pounds of spinach seed planted before April 1, while this year an opportunity to sow any spinach up to April 5 has been a rare occurrence.

The twenty-second annual convention of the American Seed Trade Association is to be held at the Forest Park University Hotel, St. Louis, June 21 to 23, 1904. A preliminary notice is issued in connection with a circular regarding the hotel. The regular announcement, with the program, will be sent in May.

Lawn Grass Seed in bulk and packages

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

Mention The Review when you write.

A. T. Boddington has withdrawn from Clucas & Boddington Co., New York, and has opened for himself at 35 Warren street, importing and exporting seeds, bulbs and plants. Jas. W. Begbie, until recently with Clucas & Boddington Co., is now with Mr. Boddington.

It is reported that 700 acres of Rocky Ford melons will be planted in the Yakima Valley in Washington this year. Enthusiasts say that within two years that district will produce more than the Rocky Ford district. It is asserted that the character of the land is just as good and that the quality of melons will equal if not surpass those grown at Rocky Ford.

A simple test of the vitality of any farm or garden seeds can be made as follows: Place 100 seeds, taken at random from the stock which is to be planted, on a dish of sand, cover from one-half to one inch with sand, moisten and keep in a warm place, until the sprouts appear. Care should be taken that the seeds are kept moist, but not too wet. It is advisable to make more than one test, and be guided by the average results. A test of this kind is more valuable than one in which the seeds are placed in blotting paper, for seeds may sprout on paper which do not have sufficient vitality to grow.

DISCHARGED AS BANKRUPTS.

Burnett and Leopold Landreth, of the firm of D. Landreth & Sons, were discharged as involuntary bankrupts in the United States District Court at Philadelphia, March 30. Last November, when creditors filed a petition in the District Court, the firm acknowledged its insolvency. The creditors were more than 100 in number, principally country banks. The liabilities were said to be about $150,000, and the assets, as a going concern, $134,197. The business was subsequently sold to Burnett Landreth, Jr., and Phillips Landreth, sons of Burnett Landreth, senior member of the old firm.

CATALOGUES RECEIVED.

J. T. Rosenfield, West Point, Neb., peonies, etc.; Heinrich Henkel, Darmstadt, Germany, trees and plants; Crane Bros., Westfield, Mass., price list of linenoid trunks; J. H. H. Boyd, Gage, Tenn., tree seeds; H. A. Terry, Crescent, Iowa, peonies; William Deal, Kelvedon, Essex, England, seeds and seed potatoes; Cottage Gardens, Queens, N. Y., nursery stock; V. Lemoine & Son, Nancy, France, plants.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

P. O. Address: Long Beach, Cal., R. F. D. No. 1

Ranch at Burnett, 3 miles north of Long Beach, Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsoni and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

Mention The Review when you write.

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100.....$1.50
Per 1000.....13.00
Per case of 2,500.....30.00

H. N. BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

RAWSON'S

Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

BEGONIA VERNON.

In reading over some back numbers of the Review I ran across an item in Brother Scott's Seasonable Hints of January 5, 1899, stating that he had sown some seed of Begonia Vernon the August previous and that he was going to put five or six in 8-inch pans and expected them to be in full bloom for Easter. I would like to ask Brother Scott whether or not he got them in full bloom for Easter? S. F. P.

Yes, they flowered and made nice pans. If I remember we did the same thing the following year, but we have so many pretty as well as showy plants for Easter that we let it drop. W. S.

Elizabeth, N. J.—J. W. Blakely made a very fine showing for Easter, and kept a crowd in front of his window constantly.

Utica, N. Y.—Patrick Drugan, for many years employed by Wm. Mathews, the well-known orchid grower, died March 24 as the result of a fall which he sustained about two months ago.

Announcement

March 29, 1904

I have this day severed my connection with Clucas & Boddington Co. and have commenced business on my own account at 35 Warren St., New York City

ARTHUR T. BODDINGTON

IMPORTER—EXPORTER SEEDS, BULBS AND PLANTS

Telephone Call 4516 Cortlandt.

35 Warren Street, NEW YORK CITY

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Lily of the Valley Pips

The largest and finest imported. Special price on large quantities on application.

FRESH SEED NOW ON HAND

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Bulbs and Tubers

CALADIUMS, CANNAS,
DAHLIAS, GLADIOLUS,
LILIES, TUBEROSES.

WRITE FOR PRICES.

Fresh Tobacco Stems, per bale, $1.50

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market	pkt.,	50c
Cauliflower—First and Best	"	50c
Tomato—Sterling Castle	"	25c
Radish—Carmine Forcing	"	05c

WEEBER & DON, Seed Merchants,

114 Chambers St., NEW YORK CITY

Mention The Review when you write.

1864 ESTABLISHED 1864

SURPLUS STOCK

Having filled our Contract Orders, we now offer the following Surplus Stock, Crops of 1903.

Barr's Mammoth, Palmetto and Conover's Colossal Asparagus Seed; White Spine and Long Green Cucumber; Watermelon and Cantaloupe Seed; Paragon, Favorite, Perfection, Ponderosa and Stone Tomato; White Velvet, Dwarf Green Okra; Bull Nose and Sweet Mountain Pepper; Premium, Flat Dutch and All Season's Cabbage.

SEND FOR PRICE LIST.

William R. Bishop, Seedsman, Burlington, N. J.

Mention the Review when you write

Asparagus Seeds

WE HAVE JUST RECEIVED A FRESH CROP of Asparagus Plumosus Nanus and Asparagus Sprengeri Seed. We know from actual tests that nearly every seed will germinate with ordinary care. You will make no mistake by growing this splendid seed now.

ASPARAGUS PLUMOSUS NANUS seed, greenhouse grown, will germinate nearly 100 per cent. New seeds, $1.00 per 100; $7.50 per 1 000.

ASPARAGUS SPRENGERI, new crop seed, 15c per 100; $1.00 per 1,000. Special prices on large lots. Send for Wholesale Catalogue.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA.

Mention The Review when you write.

Just Received. **Sago Palm Stems** Sizes to suit small or large Buyers.

(CYCAS REVOLUTA)

12c per lb.; $1.00 per 10 lbs.; $2.00 per 25 lbs.; $8.00 per 100 lbs.

We offer stems as follows: — 1 to 5 lbs. each or 5 to 10 lbs. each, as desired.

Per case (about 300 lbs.) 7½c per lb.

See our BULB OFFER in last week's Review.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Burpee's Seeds Grow

ORCHIDS

"Get in the Habit"
Of calling up
Long Distance Phone Central 3598,
or Telegraph, or a letter to
CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO
WHEN YOU WANT
Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

Vegetable Forcing.

Lebanon, Pa.,—Alfred N. Lehman has leased a three-acre truck farm of T. P. Frantz and built a greenhouse for vegetables.

Chicago, April 6.—Radishes, 25 to 65c dozen bunches; leaf lettuce, 45 to 47½c case; heads, $2 to $4 barrel; cucumbers, 50c to $1.25 dozen.

FERTILIZERS FOR CUCUMBERS.

What is the best commercial fertilizer for cucumbers? I intend to put it in with the seed. The soil is fine, wholly new land, only used once. It was plowed last fall. O. H.

I have always had good success in growing cucumbers by using tankage. This is manufactured at the slaughter houses. It contains bone, blood and the entrails of animals, these being kiln-dried and then ground fine. This contains a large percentage of phosphoric acid, which makes it quick acting. Instead of putting in the seed and manure together, I would advise O. H. to put the manure in the hills about a week before he intends sowing the seed. This will allow the heat of the manure to work off. If put in together the heat generated from the manure would be apt to injure the seeds, which in a good many cases would fail to germinate. We have no hard and fast rule regarding the exact quantity to be used but by the rule of thumb: use a good handful to each hill. W. S. Croydon.

LATE CROPS.

I have twenty feet of a house, 30x100, which I wish to plant to some vegetable early in May that will come in early, or in time to bring good prices. Could I be successful with tomatoes? I could get the plants now and grow them on in pots until the benches are ready. I have solid beds and a very light house, the glass being two feet wide. Do you know where plants are to be bought? From what sowing of seed should they be? Would any other crop pay better?

A. A. G.

The month of May is too late to plant any vegetable crop indoors with any degree of certainty of its bringing good prices. By the time the crop would be ready a plentiful supply of all kinds of vegetables would be coming in from warmer sections at no great distance further south than where you are located, and these would of course be grown at much less expense than indoor crops. Of course much would depend on your local market. Customers might be willing to pay more for a home-grown article than for one shipped from a distance. But such vegetables as tomatoes and cucumbers, which would be about the only crops worth considering for your purpose, are good shippers, and it is very doubtful if the home grown article would be so much superior as to induce the payment of a higher price. However, if you decide to try a vegetable crop I think tomatoes would be about your best crop. If you cannot procure the plants locally you can get them through the advertising columns of the Review. Good strong plants in 5-inch pots would be large enough for planting.

W. S. Croydon.

THE TOMATO DISEASE.

This fungous disease, or blight, as it is sometimes called, is too common to need description, as all those who have tried the forcing of tomatoes will have had more or less experience with it. Numerous remedies have been advocated for it, and many of them have afforded relief, but when the plants are seriously attacked I don't think there is anything that can be depended on as a cure.

By studying the conditions most conducive to the development of the disease and avoiding such conditions as far as possible much trouble may be prevented. Location has much to do with it; in low situations all fungous diseases are more prevalent than on higher and drier ground. In the house itself the atmosphere should be kept as dry as possible, watering being always done in the morning, to give the moisture a chance of drying up before the house has to be closed down. During dull, damp spells, when little air can be given, a correspondingly less supply of water will be needed by the plants and just enough should be given to keep them from suffering from excessive dryness. Light and air play a most important part in the prevention of this disease. If the plants are huddled together to the obstruction of both light and air it is hardly to be expected that they will remain in a healthy condition. Cold draughts and sudden changes of temperature are fruitful causes of the development of disease, so great care should be exercised in the matter of airing.

Being fortunate in having a good location, and by the observance of the above points, we have experienced very little trouble with the disease this season. Whenever the disease made its appearance, which is first indicated by brown spots on the under surfaces of the lower leaves, we removed the affected leaves at once and painted the pipes in a few places with sulphur diluted in linseed oil. Thus we managed to hold it in check, though we know from former experience that this is not sufficient to arrest a serious attack.

W. S. Croydon.

ORDERS COME SWIFT.

Ed. Florists' Review.—Please stop my advertisement for a while until I catch up. Orders are coming in too swift for me at the present and I must have a chance to see if I will have anything left after filling the orders I now have on hand. G. Obermeyer.

Parkersburg, W. Va.

THE BEST PEONIES.

G. C. Watson, of Philadelphia, who is a pronounced peony enthusiast, gave the following as his selection of fifty standard varieties in his lecture before the Massachusetts Horticultural Society on April 2:

In May flowering sorts: Tenuifolia plena and officinalis in three colors.

Among June varieties the following are reliable sorts to plant:

Whites—Duke of Wellington, Festiva maxima, La Tulipe, La Vestale, Marie Lemoine, Duchesse de Nemours, Neomia Demay, Alice Julvecourt, Baroness Schroeder, Grandiflora nivea, Helene Leslie, Mme. Dupont, Triomphe de Paris and Viscountess Folkestone.

Pinks—Belle Douissine, Caroline Allain, Delicatissima, Duchess of Sutherland, Eugene Verdier, Faust, General Bedean, Leonie, Madame Breon, Lady Bramwell, Madame de Vatry, Paganini, Princess May, Humei carnea, Rosea grandiflora, Alexandre Dumas, Glorie de Patrie, Josephine Parmentier, Reine des Fleurs and Washington.

Deep rose varieties—Dr. Bretoneau, Abel de Pujol, Etendard du Grand Homme, John Fraser and Sir Charles Dilke.

Deep crimson varieties: Rubra superba, Marshal MacMahon, Souvenir d' Auguste Miellez, Francois Ortegal, Rubra triumphans, Delachei and Louis Van Houtte. W. N. Craig.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

W. F. Schell, proprietor of the Wichita Nursery, is also commissioner of horticulture for the State of Kansas.

The landslide at Ossian, N. Y., near Dansville, on March 23, destroyed about $1,000 worth of nursery stock belonging to E. V. Randall.

A. Norlander, Glenwood, Mich., says that ash, elm and linden, etc., in his nursery have stood 43 degrees below zero this winter and show no injury.

The West Michigan Nurseries, of Benton Harbor, Mich., have recently added a branch at Eau Claire, Wis., where they are doing a nice business.

A French scientist has demonstrated to his own satisfaction that trees in full foliage in May or June may be transplanted with little injury if the moving is done at night.

The Aurora Nursery Co., Aurora, Ill., has been incorporated, with J. A. Young as manager. They have secured a tract of thirty acres which will be planted to nursery stock this spring.

Texas points report a frost on March 27. C. E. Stephens, proprietor of the Iron Ore Nursery, at Denison, Texas, and Wm. Munson, of the Munson Nursery, think little damage was done to small fruits.

J. A. Taylor, of Wynnewood, I. T., reports the nursery trade heavy this spring, the demand almost entirely for fruit trees. He thinks peaches have been little injured by late frosts, but apricots are practically annihilated.

Apples from America landed at Liverpool during the period from August to the third week of December amounted to 1,200,000 barrels, as compared with 750,000 barrels received at that port during the same period of 1902.

It has been announced that Wm. Smith, philanthropist and member of the W. & T. Smith Co., has temporarily abandoned the plan of erecting the William Smith College for Women. The plans for the buildings had all been executed and excavation begun. It is stated that the work will be resumed another season.

A Few Hundred

choice trees of Sugar Maple and Elm, 12 to 14 feet. Tulip Poplar, Sweet Gum, American Linden, 3 to 4 inch. Caliper. Spirea Van Houttei, 3 to 4 feet. List of other stock with prices sent on application.

Highland Ave. Nursery, Salem, Ohio.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

"PIN OAK"

Our stock of handsome Oaks of all sorts is unsurpassed.

The **GLENWOOD NURSERIES** offer the finest trees, both **Deciduous and Evergreen; Flowering Shrubs and Vines** of all sizes in general assortment.

LARGE SIZE TREES AND SHRUBS

Are a SPECIALTY with us

WE HAVE THEM IN QUANTITY.

☞ SPECIAL QUOTATIONS to large buyers. ☜ Send us your list of wants.

New Trade List Ready.

THE WM. H. MOON CO.

60 miles from New York.
30 miles from Philadelphia.

MORRISVILLE, PA.

SPECIAL OFFER IN SURPLUS TREES

We offer for Spring Delivery 800,000 ornamental trees of Ash, Elm and Linden at a price that will astonish you.

	per 100	per 1000
3-5 feet	$3.00	$25.00
5-7 feet	5.00	40.00
7-9 feet	8.00	70.00

References: Bank of Glenwood.

All grown in our nursery in Northern Minnesota. CASH WITH ORDER, 5 per cent discount and packing free.

GLENWOOD NURSERY, Glenwood, Minn.

Dormant Roses

FIELD-GROWN.

H. P.'s and Mosses, Manetti Stocks

Fine disbudded plants. Nos. 1, 2 and 3.

Only in lots of 5000 and upward.

Prices and samples upon application.

HUNTSVILLE WHOLESALE NURSERIES,

HUNTSVILLE, ALA.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book**, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

CALIFORNIA PRIVET

			Per 1000
200,000	2 years,	2 to 2½ feet, very bushy	$20.00
150,000	2 "	18 to 24 ins., " "	16.00
100,000	2 "	12 to 18 " " "	10.00
200,000	1 year	12 to 18 " branched	9.00
200,000	1 "	10 to 12 " "	7.00
100,000	Cuttings,	8 ins., strong	.80
100,000	"	8 " light	.60

Also have 10,000 Canna Roots in ten leading varieties from 75c to $1.25 per 100. 2000 Double Grant Geraniums, from 2½-inch pots, $2.00 per 100. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK,
WHITE VIOLETS and ORCHIDS for Weddings. Wholesale Florist, 1612 Ludlow St., PHILADELPHIA.

DENVER, COLO.

The Easter Trade.

Easter week opened with very favorable conditions for a brisk trade, stock and weather being all that could be desired. Wednesday was considered by many of the retailers as a record breaker. Thursday brought bad weather and a complete check was put on the transient trade in the city stores. But the balance of the week was pleasant and stock was handled with considerable dispatch and little expense. The increase in business, which drifted largely into the plant department, will run twenty-five per cent above last year. This can be accounted for principally by the superior and diversified character of the plants put on the market, which were considered by all as the best ever seen in Denver. Prices advanced slightly above former years on everything excepting lilies, which were not of a first-class quality, and retailed at the uniform price of $3 per dozen. Tom Chapman, Ben Boldt and the Curtis Park Floral Co. had fairly good lilies, but much of the stock throughout the city was rather weak and stunted. Azaleas were exceptionally fine and brought good prices and in most instances were all sold out. The best specimens came from the Colfax Avenue Floral Co., which were Prof. Wolters, Van der Cruyssen, Niobe, etc. Crimson Ramblers were rather scarce, but what were to be obtained were good and sold readily. The best of those came from Boldt. The Colfax people had a nice lot of field-grown plants in 6 and 7-inch pots. Heretofore we have relied upon pot-grown stuff, but those plants showed that good marketable stock can be produced from field-grown plants of previous years.

The Park Floral Co. had an extensive collection of pot plants, which were well displayed in their down-town conservatories. Their hydrangeas were the best ever seen here, and many of them sold as high as $15, in 10-inch pots and tubs. Their best house plant and the most admired was the imported wistaria, which they used in a window decoration in connection with porcelain-colored hyacinths, lilies and spiraeas. This combination, under the rays of a lavender-colored electric light, was much admired.

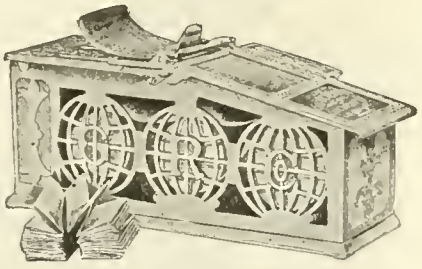
The Scott Floral Co. handled a large lot of plants. Noticeable among them were some fine rhododendrons and genistas, the latter, contrary to previous experience, selling well, in fact sold out. Bulb stuff in pots and pans sold well, especially those ranging in price from $1 to $2 each. Mauff had the cream of this stock, noticeably in tulips, such as Proserpine, Keizerskroon and Murillo, the latter a beautiful rose color and as big as an ordinary peony.

While all well-grown stock sold for good prices, it is a noticeable fact that there is an increasing demand for a cheaper character of plants in 4 and 5-inch pots, such as heliotrope, mignonette, violets and Dutch hyacinths. I know only one retailer who cares about handling this line of goods at holiday times, but he makes the purchasers take them with them and thus avoids the extra expense attached to delivery. Some of the growers who are also retailers, rather than spend time selling a 25-cent hyacinth, put three or four in a 5-inch pot garnished with small ferns or asparagus and found ready sale for them at an increased rate of profit.

The cut flower department was well supplied, and while the sale was quite brisk there was little if any advance in prices. Beauties were scarce, but Glauber's Chatenays filled up a big gap left by their absence. These retailed at $5 per dozen, while good Brides and Maids brought $3. Ordinary carnations brought $1 and fancy $1.50 per dozen. Violets ran out and many orders had to be cut short. Cut tulips and narcissi sold better than heretofore, the double tulips at $1.50 per dozen and single at $1. In narcissi the best seller was Bicolor Empress and Emperor, both much larger than Golden Spur and longer and stouter stems. Valley was good and sold at $1 per dozen. Many of the growers have given up growing Romans, as they claim there is no money in them, the cost of bulbs is so high.

Great Divide.

A Duplicating Sales Ticket Machine



Especially adapted to the needs of Wholesale and Retail
FLORISTS..
Used and recommended by leading firms in Chicago and many other cities.
Send for catalogue and prices.
THE REGISTER that has.... "That GRIP."

Produces three itemized copies of each transaction, two of which are thrown from the Register by one movement (no grinding), the third goes into the locked receptacle, where it is folded into one continuous strip which, opening like a book, gives you the most accessible record ever offered. The check numbers also indicate pages on the Triplicate, and being attached cannot be misplaced. This Register is simple in construction and operation, is fitted with socket spindles and loose Idlers, consequently is quickly reloaded. We guarantee our Registers for one year. We make a full line of Registers for all uses.

The Globe Register Co., 87 E. WASHINGTON ST., Room 210. Phone Central 4637. Chicago, Ill.

Geraniums

	Per 100.
10 varieties, 2-in. pots, $2 50; 2½-in.....	$3.00
10 varieties, 3-in. pots.....	4.00
Alternantheras, red and yellow, April 10.....	2.00
Seedling Petunias, May 1.....	3.00
100 Pelargoniums, 2 in.....	3 00

COLEUS

	Per 100.
10 varieties.....	$2.00
Vinca Variegata Vines, 2-in.....	2.50
Verbena, 2-in.....	2.00
E. Crocker and F. Hill, 2-in.....	2.50
Asparagus Sprengeri, April 1.....	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.
J. H. Cunningham, Delaware, O.

GALAX Brilliant Bronze or Green, $1 00 per 1000; 75c per 1000 in 5000 lots or over. Southern Smilax—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. Leucothoe Sprays—Green, $1.00 per 100; $7.50 per 1000. Green Sheet Moss—$2.50 per bbl. sack. Dagger Ferns—$1.25 per 1000.
All Kinds Florists' Supplies.
L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. New York

A. W. SMITH'S
HYBRID MOON VINES
Ipomoea Noctiflora
2½-inch pots..... $5.00 per 100
GODFREY ASCHMANN,
1012 Ontaria St., Philadelphia, Pa.

A Daily Cut From 40 Growers
"Highest Qualities" as well as "Under Grades"
At Ruling Market Quotations.
WE CAN AND WILL SUPPLY YOUR
Cut Flower Wants
TO ADVANTAGE.
Headquarters for "Superior Quality" Brand
Wild Smilax (None Better) Galax, Fancy Ferns, Etc.
We carry the most complete line of Florists' Supplies in the West. Catalogue free.
E. F. WINTERSON CO.,
E. F. Winterson, J. P. Degnan, L. H. Winterson.
Successors to McKellar & Winterson.
45-47-49 Wabash Ave., CHICAGO

LEO NIESSEN.

Spring Weddings...
LILIES, VALLEY, BEAUTIES, SWEET PEAS, WILD SMILAX

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Mention the Review when you write.

Charles F. Edgar & Co.

ROSES and CARNATIONS.

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROOTED Carnation Cuttings. Hill, Joost, Crocker Queen Louise, $12.50 to $15.00 per 1000.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Wholesale Florists,

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$10.00 to $12.00
" medium	5.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Wholesale Cut Flower Prices.

Philadelphia, April 6.

	Per doz.
Beauties, Specials	$ 5.00
" Extra	3.00 to 4.00
" No. 1	2.00 to 2.50
" Shorts	1.00 to 1.50
Queen of Edgely, Extra	3.00 to 4.00
" " No. 2	2.00 to 2.50
" " Shorts	1.00 to 1.50

	Per 100
Bride and Bridesmaid, Specials	8.00 to 12.00
" " No. 2	4.00 to 6.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Jacqueminot, Firsts	10.00 to 15.00
" Seconds	5.00 to 8.00
Liberty, Firsts	20.00 to 35.00
" Seconds	5.00 to 12.00
Ivory, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Perle	3.00 to 8.00
Sunrise	4.00 to 8.00
Carnations, Commons	2.00 to 2.50
" Selected	3.00 to 4.00
" Novelties	5.00 to 6.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
" " sprays	.50
" Sprengeri	.50
Callas	12.00 to 15.00
Daffodils	2.00 to 3.00
Daisies, Giant	1.00 to 1.50
Lilac $1.00 to $2.00 per doz.	
Lilium Harrisii	6.00 to 10.00
Lily of the Valley	2.00 to 4.00
Mignonnette	1.00 to 3.00
Pansies 5c per bunch	
Smilax	20.00
Sweet Peas	.50 to .75
Tulips, single	2.00
" double	3.00
Violets, ordinary	.25 to .50
" extra	.50 to .75
" double white	1.00 to 1.50

EVERY day or two we receive a query to which it is impossible to reply because the writer does not sign his name. Give as much detail as possible in your letter and sign your full name and the address to which your REVIEW is sent; you will then receive a prompt reply.

EDWARD REID,

WHOLESALE FLORIST.

The Finest Valley

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Valley, Sweet Peas.

1432 South Penn Square, Philadelphia.

Mention the Review when you write.

ROSES

High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

CUT FLOWERS OF ALL KINDS

and FLORISTS' SUPPLIES.

Galax, bronze or green, 75c per 1000. Leucothoe Sprays, 50c per 100. Sphagnum Moss, Ferns. Wire Work of all kinds for florists. Special attention given to shipping orders.

WM. MURPHY, Commission Dealer, 130 E. 3d St., CINCINNATI, O.

Telephone 980 Main.

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BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

THE REVIEW is all right.—VICK & HILL Co., Rochester, N. Y.

WE cannot afford to do without the REVIEW.—G. M. THOST, De Soto, Mo.

Carnations, Lilies, Roses,

TULIPS and VALLEY.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

Established 1891.

GEO. E. BRADSHAW

Wholesale Florist,

53 West 28th Street, NEW YORK.
Tel. 1239 Madison Square.

Consignments Solicited.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

WHOLESALE COMMISSION,

The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**

My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

Mention the Review when you write.

WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

39 West 28th St., NEW YORK.
(Established 1882)

Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**

Mention Review when you write

BONNOT BROS.

WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**

OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention the Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., NEW YORK CITY.
Tel. 854 Madison Sq.,

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
Mention the Review when you write.

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SLINN & HUGHES

WHOLESALE FLORISTS

Coogan Bldg., 55-57 W. 26th St., Telephone 3864 Madison Sq. **NEW YORK**

Our leading specialties: ROSES, CARNATIONS, VIOLETS. The best the market affords.
Shipping orders receive prompt attention.
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Geo. Saltford

WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED
VIOLETS our specialty.
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, April 4.

	Per 100
Beauties, Specials	$12.00 to $20.00
" Extra	8.00 to 10.00
" No. 1	5.00 to 8.00
" Shorts	3.00 to 4.00
Brides and Maids, Specials	6.00 to 10.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate	2.00 to 8.00
Liberty	2.00 to 20.00
Meteor	2.00 to 6.00
Orchids, Cattleyas	40.00 to 60.00
" Cypripediums	10.00 to 12.00
" Dendrobium Formosum	30.00 to 40.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.00
" Fancies	2.00 to 3.00
" Novelties	5.00 to 6.00
Gardenias	25.00 to 40.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	20.00 to 50.00
Callas	6.00 to 8.00
Daffodils	1.50 to 2.00
Daisies	.50 to 2.00
Hyacinths, Roman	1.00 to 2.00
Lilac per bunch	.25 to .75
Lilium Harrisii	5.00 to 6.00
Lily of the Valley	1.00 to 3.00
Mignonette	.50 to 4.00
Narcissus	1.00 to 2.00
Sweet Peas	.25 to 1.00
Tulips, single	.50 to 1.00
" double	1.00 to 2.00
Violets	.25 to .50

Enclosed you will find the best invested dollar in my business; continue the Review.—H. P. Loding, Mobile, Ala.

JULIUS ROEHRS,

Grower of

Palms, Orchids, Bay Trees, and Decorative Flowering and Foliage Plants.

RUTHERFORD, N. J.

JOHN YOUNG

51 W. 28th St., NEW YORK.
Tel. 1905 Madison Square.

ORCHIDS CATTLEYA TRIANÆ and all other choice orchids in season.

Everything in Cut Flowers—the best in the market
Mention The Review when you write.

YOUNG & NUGENT,

WHOLESALE FLORISTS,

42 West 28th Street, Telephone 2065 Madison Sq. **NEW YORK.**

Cattleyas, Gardenias, Violets, Roses, Carnations and all seasonable novelties. We are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.
Mention the Review when you write.

TEL. 756-MADISON.

NEW YORK CUT FLOWER CO.

GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.

Mention the Review when you write.

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices

ALFRED H. LANGJAHR,

55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention the Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

ESTABLISHED 1872.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

Mention Review when you write

ALEX. J. GUTTMAN,

Wholesale Florist.

☞Special conveniences for both Wholesalers and Retailers this season. None bet ter in the country.

52 West 29th Street, New York

Telephone 1738 Madison.

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FRANK MILLANG,

CUT FLOWER EXCHANGE,

Coogan Building, 55-57 W. 28th St., NEW YORK CITY.

Phone 299 Madison Sq.

OPEN FROM 6:00 A. M. TO 6:00 P. M.

Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

AUGUST MILLANG,

Wholesale Commission dealer in Cut Flowers

55-57 W. 28th St., Coogan Building, NEW YORK CITY.

Violets and Carnations our specialties.

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COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

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National Florists' Board of Trade

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Buffalo, April 6.

	Per 100
Beauties, Extra	$25.00 to $10.00
" No. 1	15.00 to 20.00
" Shorts	3.00 to 10.00
Brides and Maids, Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	3.00 to 6.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 6.00
Kaiserin	6.00 to 10.00
Liberty	6.00 to 12.00
Meteor	3.00 to 8.00
Perle	3.00 to 8.00
Ulrich Brunner	12.00 to 20.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00
" Fancies	2.50 to 4.00
Adiantum Cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00 to 60.00
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.50 to 3.00
Lilac	8.00 to 12.00
Lil. Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	2.00 to 5.00
Narcissus	2.00 to 3.00
Pansies	.50 to .60
Smilax	15.00 to 20.00
Sweet Peas	.30 to .75
Tulips, single and double	2.50 to 3.00
Violets	.30 to .75

DATE OF EASTER.

It is to be noted that Easter in 1905 falls on April 23, a later date than in many years.

APPRECIATION.

From Massachusetts:—"Would not know how to get along without the REVIEW, as it contains much valuable information every issue."

From Ontario:—"We are much pleased with the REVIEW and would not care to do without it."

From New York:—"I am much pleased with your interesting paper; it is all anyone could wish for."

From Nebraska:—"The REVIEW has become indispensable to us."

From Kansas:—"The recent article on propagating hardy roses is worth a year's subscription to the average nurseryman."

N. LECAKES & CO.

45 West 29th St., NEW YORK

Tel. No. 1214 Madison Sq.

and

53 W. 28th St. (Basement)

Tel. 1797 Madison Sq.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th St., and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

JOHN I. RAYNOR,

49 West 28th St., NEW YORK.

Telephone 1998 Madison Square.

Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE

38 W. 28th St., NEW YORK

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED.

Mention the Review when you write.

FORD BROS.

111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

CUT ROSES Direct from the GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write.

For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.) Write, Wire or Phone the Introducers.

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents:—J B Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Mention The Review when you write.

CARNATION CUTTINGS

STILL UNSOLD.

Mrs. Joost, Flora Hill, Gen. Gomez, fine, healthy stock at $1.50 per 100; $12.50 per 1000.

A good line of Geraniums in 2 and 3-inch pots at $2.50 and $5.00 per 100.

D. Petunia, Vincas, Heliotrope, Salvia, etc. Coleus—Verschaffeltii Firebrand, Golden Bedder. Chrysanthemum Cuttings, etc.

C. W. BLATCHLEY,

PLANTSVILLE, CONN.

Wholesale Cut Flower Prices.

Chicago, April 6

	Per doz.
Beauties, 36-inch stems	$4 00
" 30 "	3 00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.00
" Shorts, per 100	$1 00 to 6.00
	Per 100
Bridesmaids, Specials	$6.00 to $ 8 00
" Firsts	3.00 to 5 00
Brides, Specials	6 00 to 8.00
" Firsts	3.00 to 5.00
Liberty, Specials	10 00
" Firsts	6.00 to 8.00
" Seconds	5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00
" Seconds	5.00 to 8 00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	8.00 to 10.00
" Seconds	3.00 to 6 00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 4.00
" Common	1.50 to 2.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	3.00 to 4.00
Freesia	2.00 to 3.00
Sweet Peas	.50 to 1.00
Easter lilies, $1 50 per doz.	
Callas, $1.25 to $1.50 per doz.	
Valley	2.00 to 4.00
Adiantum cuneatum	1 00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 6.00
Asparagus Sprengeri, Sprays	3.00 to 6.00
Smilax, $2.00 to $2.50 per doz.	

YOUR paper does the work, all right.—J. C. SCHMIDT, Bristol, Pa.

MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the REVIEW. Will want to move some other stock a little later. EDWARD HARRIS.

WANTS TO SEE THE ADVS.

Enclosed find money order for subscription to the FLORISTS' REVIEW. Please send as soon as possible, for we want to see the advertisements for some stock. J. C. GARDEN & SONS.

PROMPT RETURNS.

ED. FLORISTS' REVIEW.—There is an old saying, "Honor to whom honor is due," and we desire to give credit where it is due, and when. Our advertisement in your Special spring number has already (March 26) brought in several orders and we desire to express our appreciation of the "get-up" of the advertisement, which is most artistic and catchy.
N. LECAKES & Co.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited
Every facility for prompt shipment.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer In
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of Cut Flowers.
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Long-Stemmed AMERICAN BEAUTIES

WRITE FOR PRICES TO

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati April 6.

	Per 100
Beauties, Specials	$40.00
" Extra	$20.00 to 30.00
" No. 1	12.00 to 15.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	7.00 to 8.00
" " No. 1	5.00 to 6.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 8.00
Golden Gate	3.00 to 10.00
Liberty	3.00 to 15.00
Meteor	3.00 to 10.00
Perle	2.00 to 6.00
Sunrise	2.00 to 8.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	10.00 to 12.50
Daffodils	2.00 to 3.00
Hyacinths, Romau	2.00 to 3.00
" Dutch	2.00 to 4.00
Lilium Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	1.00 to 1.50
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.50 to 1.00

Pittsburg, April 6.

	Per 100
Beauties, Specials	$35.00 to $40.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 20.00
" Shorts	3.00 to 6.00
Brides and Maids Specials	12.00
" " " Extra	10.00
" " " No. 1	6.00 to 8.00
" " " No. 2	3.00 to 4.00
Carnot	4.00 to 8.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Jacqueminot	8.00 to 15.00
Kaiserin	4.00 to 10.00
Liberty	3.00 to 12.00
Meteor	4.00 to 8.00
Ulrich Brunner	5.00 to 15.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	3.00 to 4.00
" Novelties	4.00 to 6.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	1.00 to 3.00
" Sprengeri	1.00 to 4.00
Callas	6.00 to 10.00
Daffodils	1.00 to 3.00
Hyacinths, Roman	1.00 to 2.00
" Dutch	2.00 to 4.00
Lilium Harrisii	10.00 to 15.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.50 to 4.00
Narcissus	1.00 to 5.00
Smilax	15.00 to 30.00
Tulips, single	1.00 to 3.00
" double	2.00 to 4.00
Violets	.50 to 1.00

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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Florists' Review

When Writing Advertisers.

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St. Louis, April 6.

	Per doz
Beauties, Specials	$6.00 to $8.00
" Extra	3.00 to 4.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	8.00 to 10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	8.00 to 10.00
Golden Gate	6.00 to 8.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Perle	4.00 to 5.00
Sunrise	4.00 to 5.00
Carnations, Common	2.00 to 3.00
" Selects	3.00 to 4.00
" Fancies	5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyeuse	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	12.50 to 15.00
Daffodils	3.00 to 4.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	15.00 to 18.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 5.00
Narcissus	2.50 to 3.00
Smilax	15.00 to 18.00
Sweet Peas	.40 to 1.00
Tulips, single	3.00 to 4.00
" double	4.00 to 5.00
Violets	.40 to 1.00

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

The FLORISTS' MANUAL by WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, **Chicago.**

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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ESTABLISHED 1873.

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PORTLAND, ORE.

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S. B. Stewart,
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COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.
NOW READY.
$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days.

For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc,
C. W. WARD, Mgr. QUEENS, L. I.
Mention The Review when you write.

NEW PINK CHRYSANTHEMUM
AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G F. NEIPP, Aqueduct, L. I., N.Y.
Jamaica Post Office, Woodhaven Station.

W. DUCKHAM
and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.
SEND FOR LIST.
CHAS. H. TOTTY, Madison, N. J.
Mention The Review when you write.

CLEAN, HEALTHY, ROOTED
Carnation Cuttings:

Snowdrift, White	$1.25 per 100;	$10.00 per 1000	
Joost, Pink	1.00 "	8.00	"
Cartledge	1.00 "	8.00	"
Gov. Roosevelt, Red.	2.00 "		

JOHN R. SHREINER, LANCASTER, PA.
Mention The Review when you write.

ROOTED CARNATION CUTTINGS
Strong, Healthy Stock.

	100	1000
Flora Hill	$1.50	$12.50
Mrs Lawson	2.25	20.00
Prosperity	3.00	27.50
Geranium—Mme. Salleroi	1.25	

CASH WITH ORDER PLEASE.
JOHN CURWEN, Glen Head, Long Island, N.Y.

GET ready for your Spring weddings. Let your flowers and decorations be distinctive. The RIGHT RIBBONS will give them this touch. Elegance and richness of tone and superior lustre are combined in the RIGHT RIBBONS, and yet—

The prices are lower than what you generally pay for inferior qualities, for "you save all between profits" by buying direct from the mill.

The Pine Tree Silk Mills Company
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Just write for samples of WHITE ribbons. Compare them with the white you have in stock and note difference.

MONARCH—Satin Taffeta—Climax.
CONQUEROR—Metallique Taffeta—CYCLONE.

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CARNATION CUTTINGS!
Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	Flora Hill	1.50	10.00
White Cloud.	1.50	12.50	Mrs. P. Palmer	1.50	12.50
Queen Louise	1.50	12.50	Prosperity	2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12.00
Mme. Chatenay	3.50	30.00
American Beauties	3.00	25.00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Brides, 3-inch, extra choice	5.00	40.00
Bridesmaids, 3-inch extra choice	5.00	40.00
Mme. Chatenay, 2½-inch pots	5.00	45.00
" " 3-inch pots	6.00	55.00

Above prices are cash with order.
JOHN BROD, Niles Center, Illinois.
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For Summer Blooming.

25,000 MRS. FISCHER,
$20 per 1000.

25,000 WILLIAM SCOTT,
$15 per 1000.

Strong, healthy plants from soil.
We guarantee satisfaction.

LEO NIESSEN,
1217 Arch St., Philadelphia.
Mention The Review when you write.

CARNATIONS.
Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane Lillian Pond $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md
Mention The Review when you write.

Always mention the Florista' Review when writing advertisers.

THE CHRYSANTHEMUM SOCIETY.

The list of special prizes for the exhibition of the Chrysanthemum Society of America, in connection with the Massachusetts Horticultural Society, at Boston, in November, is not yet complete, but the following prizes have been offered:

W. Wells & Co., Red Hill, Surrey, England, offer gold, silver-gilt and silver medals as three prizes for six blooms of any of the Wells-Pockett set of 1903, not less than two varieties to be shown. The list of eligible varieties, as approved by Mr. Wells, is as follows: Wm. Duckham, Maynell, S. T. Wright, Harrison Dick, F. A. Cobbold, Donald McLeod, Mrs. T. Longley, Mrs. R. Hunt, Mary Inglis, Hester Edwards, Pantia Ralli, Cheltoni.

Chas. H. Totty, of Madison, N. J., offers $25, $15 and $10 for vases of twelve blooms of chrysanthemum Wm. Duckham.

A. Herrington, Madison, N. J., offers $6 and $4 for vases of six blooms of any chrysanthemum.

The C. S. A. cup will be offered as in previous years. In addition to this, the C. S. A. offers three prizes of $25, $15 and $10 for twenty-four blooms in twenty-four varieties, on 15-inch stems, open to all.

The E. G. Hill Co., Richmond, Ind., offers a silver vase to be known as the E. G. Hill trophy, value $25, open to private gardeners only; twenty blooms in twenty varieties, one bloom to a vase.

Many other special prizes will be given. It is expected that many horticultural societies will co-operate with the C. S. A. and the Massachusetts Horticultural Society on the same plan as was so successfully carried out last year in New York.

FRED H. LEMON, Secy.

SALEM, O.—Joseph E. Bonsall, who had a large business, has sold out to Graves & Reisch, formerly of Pittsburg.

FLUSHING, N. Y.—On Monday night before Easter thieves broke into the greenhouses of Peter Ross and stole a considerable quantity of lilies.

PACIFIC COAST.

SAN FRANCISCO SPRING SHOW.

The spring exhibition of the California State Floral Society took place last week in the grand nave of the ferry building. The attendance, despite the miserable weather, was good.

Not one of our San Francisco florists exhibited and the reason therefor I will explain. Some weeks ago, when the Retail Florists' Association succeeded in getting the peddlers off the streets, a great hue and cry was raised, backed up by one of the city papers, the consequence being that the motley crowd of Italians ply their vocation as before. The fact that the California State Floral Society as a body countenanced the action of the city officials in the matter was a bitter pill for the florists, many of whom are members of the society. Consequently when the ladies who had the present fair in charge called on the florists, who have always donated stock and time to make the show something for San Franciscans to be proud of, their appeals were in vain.

Nevertheless our largest private places and big nurseries exhibited largely and made the show a success, with beautiful displays of bulbous and hardy flowers. The Cox Seed Co. made a splendid showing of greenhouse and hardy plants in pots and had the largest exhibit in the hall. It was in charge of John Vallance, manager of the plant department. The California Nursery Co., of Niles, also made a good showing of flowering shrubs and took several first prizes. Golden Gate Park exhibited a general collection of shrubs and hardy stock that was much admired. The Vawter Carnation Co., of Los Angeles, made a good showing with outdoor-grown carnations in a half dozen varieties. The most admired collection was the display of the Leedham Bulb Co., of Santa Cruz. This firm showed magnificent bunches of daffodils and narcissi. A. J. Pope, of Burlingame, Wm. Kittlewell, gardener, made a good showing of bulbous stock, and E. Knoch exhibited some fancy florists' baskets of his own manufacture. Otto F. Niedermuller had several plans of elaborate country places.

The balance of the exhibits were from private parties and consisted principally of wild flowers and bulbous stock.

The next show will be the regular spring exhibition of the Pacific Coast Horticultural Society, May 12 to 14. A large list of premiums is offered and as there are no strained relations between the retailers and the other members of this order, I expect to see a big turnout of the craft. G.

COAST EXPERIMENT STATION.

The United States Department of Agriculture has decided to establish a plant introduction garden and experiment station at Chico, Cal. Contracts for the necessary land have been closed and work has been begun on what will undoubtedly be the greatest institution of its kind in America and perhaps in the world. A beginning will be made with ninety acres, but it is the intention of the department to extend the area as the needs of the institution require. The garden will be devoted to experimental culture of the plants introduced from various parts of the world and to a careful study of plant life.

Such an institution has long been contemplated by the Agricultural Department. California was selected for its location on account of climatic conditions which admit of the culture of tender plants from the tropics and of northern products as well. The ideal location for such an institution is that which admits of the successful cultivation of the widest possible range of products and the commission entrusted with the duty of selecting the site believe they have found it at Chico.

This commission was composed of Prof. P. H. Dorsett, government expert, who will have charge of the institution, and Prof. A. V. Stubenrauch, of the University of California. They spent months in making a careful study of conditions affecting plant life in various portions of the state, visiting and carefully inspecting each locality likely to prove available. The decision in favor of Chico was reached some time ago, but the site selected could not be secured and another tract had to be chosen, which has now been done and the purchase consummated.

Chico is situated near the eastern border of the great Sacramento valley, seventy-five miles north of Sacramento, the state capital, and was the most northerly point considered by the commission. Climatic conditions in California are affected but little if at all by conditions of latitude.

SAN FRANCISCO.

The Market.

For a wonder the rain ceased long enough to give prospects of a bright day for Easter. The complaint is general that there is not as much shipping to interior parts of the state as is usually done at this season. The great abundance of callas has considerable to do with that, as never have they been so plentiful. The price today is 50 cents to $1 per hundred, and millions to be had. They are relied on for church decorating and during unfavorable years there is much demand for them in country towns. All the retail stores are piled high with blooms and greens of all descriptions. There has been practically nothing doing for the past week and stocks have accumulated wonderfully. Easter lilies are plentiful and of good quality. The cut stems sell April 1 at from $1.50 to $3 per dozen and pot plants $6 to $9 per dozen. Roses are still scarce, except Bridesmaid. Carnations are in fair supply. Valley is plentiful at $4 per hundred. White irises and fruit blooms are being used in great quantities for decorating.

Notes

John Cock, of Berkeley, has sold the property on which his greenhouses were situated, but still retains a portion on Addison street. He received $40,000 and it is the intention of the new owners to erect stores and offices on the ground.

A visit to E. W. McLellan, at Burlingame, shows his range of glass consisting of 80,000 feet in good shape for Easter. He has six houses planted to Bridesmaid, of which he makes a specialty, and the houses are a mass of bloom at this time. Two houses are devoted to Beauty and are being dried off at present. Three houses are kept for Meteor, and although they are now off crop the stock looks well. Five houses are occupied by carnations, including the usual varieties, and two houses of ferns complete the list. Mr. McLellan has one of the most extensive greenhouse plants in California and his place well repays a visit.

About half a mile west of these grounds is the establishment of P. C. Meyer. Although started less than a year ago Mr. Meyer has made such rapid progress that he has now about 75,000 feet of glass fully planted to Beauties, Liberty, Bride and Maid, and Estelle, Lawson and Prosperity and Hill carnations. His houses are thoroughly up to date and his stock looks remarkably well. Thos. Breen has charge of the houses and they are splendid testimonials for his ability in growing first-class stock. G.

True Asparagus Plumosus Nanus Seed
$6.50 per 1000.
Plants from Flats, $15 per 1000.
Express paid.
California Carnation Company
LOOMIS, CAL.

CARNATION ROOTED CUTTINGS
ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	Variegated.		
Scarlet.			Armazindy...	0.85	17 00
America.....	1.00	9.00	Prosperity...	1.40	2.50

LOOMIS CARNATION CO.
Lock Box 115. LOOMIS, CAL.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100, and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.

Burbank's Shasta Daisy Seed
New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.
LOOMIS FLORAL CO.
LOOMIS, CAL.
Mention The Review when you write.

Grafted Roses

READY NOW.

We have grafted 100,000 Rose Plants on Manetti, all from choice flowering wood. This is the best stock we are able to produce and sure to give satisfaction. If your rose stock is running down give grafted plants a trial. Ready for immediate shipment.

Brides and Maids, $12.00 per 100
Liberties, - - 15.00 "

CHATENAY ROSE PLANTS, 2½-inch, $6.00 per 100; $50.00 per 1000.

We have a small surplus of carefully selected, well-rooted Carnation Cuttings. Write us if you are looking for the best stock.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Mention The Review when you write.

CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$6.00	$50.00	Glacier	$2.00	$2.00
Gov. Wolcott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov Roosevelt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Queen Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

ROOTED CHRYSANTHEMUM CUTTINGS.

Kalb, Willowbrook, Polly Rose, Queen, Mrs. Jerome Jones, Timothy Eaton, Merry Christmas, Chadwick, Opah, Lady Harriet, Viviand-Morel, J. K. Shaw, Mrs. Coombes, Marie Calvat, Mrs. Murdock, Mrs. Perrin, Maud Dean, Pres. Smith, Woodford, Helen Bloodgood, Harry Parr, Robert Halliday, Mrs. E. D. Smith, Yellow Jones, Mayflower, Col. Appleton, Golden Wedding, Pennsylvania, Maj. Bonnaffon, Goldmine, Sunshine, R. H. Pearson. **Per 100 ..... $1.50**

BELL MILLER, Springfield, Ill.

NEW LIGHT PINK CARNATION **NEW DAYBREAK**

TO THE COMMERCIAL GROWER who is looking for Profit

this variety is all that its name implies and will at once commend itself as the old Daybreak reincarnated without its faults.

Color—true Daybreak shade, of Daybreak and Scott extraction, through several generations of seedlings. Inherits the vigor and freedom of both the above varieties. Blooms large, well formed and very sweet; does not have a washed-out appearance at any time of the year.

A FINE KEEPER AND SHIPPER.

Price $3 per doz.; $12 per 100; $100 per 1000
Other new and standard varieties.

CHRYSANTHEMUMS. The best new American and foreign varieties and best standard sorts.

Write for price list.

H. WEBER & SONS, Oakland, Md.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

ROSE PLANTS

Strong Stock from 2½-inch pots.

	Per 100	1000
UNCLE JOHN	$20.00	$150.00
Mme. Chatenay	6.00	50.00
Sunrise	5.00	40.00
AMERICAN BEAUTY	6.00	50.00
Liberty	$5.00	$40.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00
Sunrise (two years old)	$8.00	$70.00
Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS **Fiancee** and **Cardinal**, for next season.
Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

Am. Beauties

PLANTS FROM 2-INCH

40,000 ready; clean, healthy, first-class in every respect; $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

For Sale Fine Rose Plants

from 2½-inch pots.
Brides, Maids, Ivory and Perle, $3 per 100
Beauty, $5 per 100

J. F. AMMANN, -- Edwardsville, Ill.

Mention The Review when you write.

ROSES Nice two-year-old dormant plants of the following varieties:—Yellow Rambler, Gardenia, Wichuriana, Universal Favorite, Manda's Triumph, Evergreen Gem and South Orange Perfection,

6c each; $5 per 100.

IOWA SEED CO., Des Moines, Iowa.

Mention The Review when you write.

LA DETROIT. NOW BEING DISTRIBUTED.

Beautiful shell pink color. Strong grower. A great money-maker. Every grower of Bridesmaid will want to try it.

FOR "OWN ROOT" PLANTS FROM 2½-INCH POTS.

1 Plant, each	$0.75
12 Plants, each	.60
25 Plants, each	.50
50 Plants and over and less than 100, each	.30
100 Plants and over and less than 1000, each	.25
1000 Plants and over, each	.20

3-inch pot plants, 5 cents each additional.

SELLING AGENTS.

E. G. Asmus & Son, West Hoboken, N. J.
S. S. Skidelsky, 708 North 16th St., Philadelphia.
A. Rolker & Sons, 31 Barclay St., New York.
J. Austin Shaw, 201 West 135th St., New York.
Vaughan's Seed Store, 84 Randolph St., Chicago.
Clucas & Boddington Co., 812 Greenwich St., New York.
Michigan Cut Flower Exchange, 26 Miami Ave., Detroit.

For prices of grafted stock see issue of March 17.

JOHN BREITMEYER'S SONS, GRATIOT AND MIAMI AVENUES, DETROIT, MICH.

Mention The Review when you write.

JERUSALEM CHERRIES.

Will you be kind enough, through the columns of your valuable paper, to let me know when to start Jerusalem cherry seed so as to have nice, salable plants by December? J. R.

If you want large plants you can sow at once. If sown now it will be settled, warm weather before the plants are large enough to plant out, but don't plant out till all danger of the slightest frost is gone. If given a very rich, light soil they are inclined to grow rank and not as well flowered, so choose a light soil, but not too rich, and you will have a most compact and better-berried plant. W. S.

CHESTER, PA.

For the negligent killing of Thomas F. Delahunt through an arc light shock from the telephone receiver in his greenhouse, when the wires were crossed on February 21, 1902, the United Telegraph and Telephone Company must pay $15,000 damages to his son and daughter, Edward N. and Margaret L. Delahunt. A jury at Media rendered such a verdict March 29, the highest damage award ever made in Delaware county. It was the second trial of the case.

Announcement!

Owing to the unprecedented winter we have been delayed in the production of rooted cuttings of Flamingo. However, we expect to fill all orders by April 15 to 20. We can assure the trade that, delivered then even, Flamingo being such a wonderful grower, will produce good and satisfactory plants for next season's business.

L. E. MARQUISEE, SYRACUSE, NEW YORK.

Mention The Review when you write.

Rooted Carnation Cuttings

ENCHANTRESS $6.00 per 100; $50.00 per 1000.

THE QUEEN $5.00 per 100; $40.00 per 1000.

High Grade Cuttings of these two splendid varieties now ready.

LARCHMONT NURSERY, Larchmont, N.Y.

Mention The Review when you write.

Indianapolis!

Was there at the finish

When most of the other varieties were rapidly going to sleep, Indianapolis held up in splendid shape. There are two reasons for this. Indianapolis is a splendid keeper and we have not overfed nor overforeed our stock. Our vase of 200 blooms was not entered for competition, that's why you did not see it mentioned among the prize winners, but it made a host of friends. We still have about 10,000 for March delivery. Fine healthy cuttings that will make fine stock for next winter's flowering. Will make you more money than any other pink carnation. Order at once. $2.50 per doz., $12.00 per 100, $100 per 1000.

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

THE BEST NEW SCARLET CARNATION

The Cardinal.

Winner of FIRST PRIZE for 100 Scarlet and S. A. F. Medal and Certificate AT DETROIT.

TO BE DISSEMINATED NEXT SEASON BY

Chicago Carnation Co. Jas. Hartshorne, MANAGER. Joliet, Ill.

and Wm. Murphy, 130 E. 3rd St. Cincinnati, O.

At following rates — $12 per 100; $100 per 1000.

Mention The Review when you write.

Princess of Wales

THE MOST VALUABLE VIOLET TO GROW.....

WHILE DOUBLE VIOLETS have been "dumped" in the leading cities, good singles have been bringing good returns to the grower. The popularity of this Violet is astonishing. I have sold in the city of Boston this winter 1,300,000 blooms without having to make any sacrifice. You can do the same if you have good stock. You cannot afford to have poor stock. I have simply the best stock in the country. I will send out in May strong, transplanted stock for which I am now booking orders at

$2.00 per 100; $15.00 per 1000. 500 at 1000 rate.

WILLIAM SIM, Cliftondale, Mass.

Largest Grower of Violets in America.

CARNATION ROOTED CUTTINGS

White.	Per 100	1000
White Bradt...	$6 00	$50 00
Boston Market	4.00	35.00
Gov. Wolcott..	3.00	25.00
Innocence	2 50	20.00
Glacier	2 00	17.50
Norway.....	2.00	17.50
Lorna	2.00	17.50
White Cloud ..	1.50	12.50
Variegated.		
Mrs. Bradt.....	3.00	25 00
Prosperity.....	2 50	20.00
Gaiety	2.50	20 00
Stella	2.50	20.00
Crimson.		
Gov. Roosevelt	2.50	20.00
Gomez.....	1.50	12.50
Maceo	1.50	12.50

Pink.	Per 100	1000
Pres. McKinley	$3 50	$30.00
Floriana	2.50	20 00
Lawson	2.50	20.00
Dorothy	2.00	17 50
Joost	2.00	17.50
Nelson	2.00	17.50
Triumph.....	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma.....	3.00	25 00
Morning Glory	2.00	17.50
Success.....	1 50	12.50
Red.		
Adonis	7.00	65 00
Manley.....	4.00	35.00
Estelle.	3.00	25 00
Crane.....	2 50	20.00

GERANIUM ROOTED CUTTINGS.

Strong, stocky cuttings, $2 00 per 100. S. A. Nutt, Marvel, Mrs. E. G. Hill, Mme. Chevelier, Alp. Ricard, Beaute Poitevine, Frances Perkins, Dryden, Mrs. Landry, Mme. Jaulin. **Cash or C.O. D.**

W. J. & M. S. VESEY, FT. WAYNE, IND.

SEASONABLE STOCK.

Geraniums—Leading varieties, mixed, 2½-inch pots	Per 100	$ 2.25
Petunias—Mixed, 2½-inch pots		2.25
Heliotropes—2-inch pots		2.00
Ivy Geranium—Finest var. mixed, 2-inch pots		2.00
English Ivy—3-inch		3.50
Rose Scented Geranium—2½-inch		2.50
Feverfew—2½-inch pots		2.25
Coleus—2-inch		2.00
" **R. C.**	$6.00 per 1000	.75
Vinca Variegata 4-in. pots, extra heavy. Rooted Cuttings	$7.00 per 1000	10.00 .75
Violets—R. Heads P. of Wales .... per 1000		10.00
" Campbell Rooted Runners "		6.00
Boston Ferns—2½-inch pot, bound		4.00
Panaies	$8.00 per 1000	1.00

Cash Please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

	Per 100	1000
CRUSADER, scarlet	$10 00	$80 00
FLAMINGO, scarlet....	12 00	100 00
LADY BOUNTIFUL, white.....	12 00	100 00
THE BELLE, white	12 00	100 00
MOONLIGHT white	10 00	75 00
INDIANAPOLIS, pink.....	12 00	100 00
VESPER, white	10 00	75 00
HARLOWARDEN, crimson	4 50	40 00
LILLIAN POND, white	4 50	40 00
DOROTHY WHITNEY, yellow.	4 50	40 00

	Per 100	1000
ESTELLE, scarlet	$3 00	$25 00
HIGINBOTHAM, light pink.....	4 00	30 00
BOSTON MARKET, white	3 50	27 50
MARSHALL FIELD, variegated.	5 00	40 00
ENCHANTRESS, light pink	5 50	50 00
HER MAJESTY, white	4 50	40 00
PRES. McKINLEY, pink	4 50	40 00
GOV. WOLCOTT, white....	4 00	30 00
MRS LAWSON, dark pink	2 00	17 50
PROSPERITY	2 00	16 00

FAIR MAID, pink ..... $3 50 per 100; $27 50 per 1000

New Rose LA DETROIT, 2-in. stock, **$25** per 100

BOSTON FERNS, 4-in., ready for shift ..... **$15** per 100.

Chicago Carnation Company, == Joliet, Ill.

JAMES HARTSHORNE, Mgr.

Mention The Review when you write.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7 00 per 100.	$60 00 per 1000	**Lawson**	$2.50 per 100.	$20.00 per 1000
Enchantress	6.00 "	.....	**Queen Louise**	2.50 "	20.00 "
McKinley	4.00 "	30.00 "	**Mrs. Bradt**	2 50 "	2 00 "
Estelle	4.00 "	30.00 "	**Flora Hill**	2.00 "	15.00 "
Nelson	3.50 "	30.00 "	**Mrs. F. Joost**	1.50 "	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., Philadelphia, Pa.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$6 00	$50 00
KAISERIN	3 00	25 00
LIBERTY	5 00	40 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

ROSE CUTTINGS—Well Rooted.

	Per 100	1000
IVORY	$1 50	$12 50
MAID	1 50	12 50
BRIDE	$1 50	$12 50
GOLDEN GATE	1 50	12 50
PERLE	$1 50	$12 50
SUNRISE	3 50	30 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 25	$10 00
MRS. E. A. NELSON	2 00	18 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	26 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN, ROOSEVELT	3 00	25 00

WHITE.	Per 100	1000
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held Tuesday evening, March 29, President James Ballantyne in the chair. The principal business of the evening was the schedule of prizes for the November exhibition and a few small classes were added to enable the small grower to compete.

It was moved that a letter of thanks be tendered to the donors of the following special prizes for the fall exhibition: Silver cup for best twelve blooms Dr. Enguehard chrysanthemum, by the F. R. Pierson Co., Tarrytown; $25 for best arranged table of foliage plants, $15 for first prize and $10 for second, by Mrs. H. Walter Webb, Scarboro; $20 for best twelve blooms chrysanthemum distinct varieties, $12 for first prize and $8 for second, by John D. Archbold, Tarrytown; $10 for best twelve blooms chrysanthemums, four varieties, three of each, $6 for first prize and $4 for second, by President Ballantyne.

There was a beautiful display of bulbous flowers at this meeting, for which President Ballantyne was awarded James Smith's prize of a pair of cuff buttons. Joseph Mooney, of Hastings-on-Hudson, was awarded a certificate of merit for an exceptionally fine display of Lilium Harrisii, and D. MacFarlane received honorable mention for a vase of white Antirrhinum majus. H. Nichols, of Yonkers, and C. Wilson, of Dobbs Ferry, were the judges. Some very lively discussions on the growing of bulbs followed and were very interesting to the members.

At the April meeting President Ballantyne offers a fountain pen as a prize for the best two plants of calceolaria. It was decided that after the April meeting the monthly prizes for the entire season shall be awarded for the best display of flowers cut from hardy shrubs.

The members were very much pleased to see their very popular member, Robert Angus, among them again. T. A. L.

Rooted Carnation Cuttings.

TO MAKE ROOM -- Special low price to April 1st

On FLORA HILL and GUARDIAN ANGEL, Stock Best Quality, $8.00 per 1000; 5000, $35.00

PINK.	100	1000	5000
Mrs. Lawson	$1 25	$12.00	$50.00
Mrs. Nelson	2.00	18 00	80 00
Guardian Angel	1.00	8.00	35 00
Dorothy	1.50	12.50	50.00
McKinley	2 00	18 00	80 00
Ethel Crocker	1 25	10 00	40 00
Mrs. Joost	1 00	8 00	35 00
WHITE.			
Flora Hill	$1.00	$8.00	$35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	

RED.	100	1000	5000
G. H. Crane	$2.00	$18.00	$80.00
Estelle	2.50	20.00	.....
America	2.00	18 00	80.00
Mrs. Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	.....
LIGHT PINK.			
Higinbotham	2.00	18.00	80.00
VARIEGATED.			
Prosperity	2.00	18.00	80.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100;	$12.50 per 1000	
Maid	1.50 "	12.50 "	
Golden Gate	$1.50 per 100;	$12.50 per 1000	
Ivory	1.50 "	12.50 "	

ROSE PLANTS, 2-inch Pots.

Bridesmaids	$3.00 per 100;	$25.00 per 1000	
Brides	3.00 "	25.00 "	
Perle	$3.00 per 100;	$25.00 per 1000	
Golden Gate	2.50 "	20.00 "	

Ivory ..... $2.50 per 100; $20.00 per 1000.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

CARNATION CUTTINGS Well Rooted. NOW READY

	100	1000		100	1000
Peru	$1.50	$12.50	White Cloud	$1.50	$12.50
Lawson	1.50	12.50	America	2.00	18.00
Flora Hill	1.50	12.50	Estelle	2.00	18.00

Guardian Angel, $1.25 per 100; $10.00 per 1000.

HUBERT HANSEN Greenhouses: 4016 N. CLARK ST. **Chicago**

Salesroom: 60 WABASH AVE., Tel. Central 3067.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

THE QUEEN

Is a money maker sure. Best White Carnation in sight. Stock ready now, $5.00 per hundred, $40.00 per thousand.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

Replenish Your Stock.

Easter no doubt depleted your stock of Palms and Ferns. We have a large stock in all lines (particularly Latanias in 6s, 6s and 7s and Kentias in 5s and Asparagus in all sizes). Our favorable shipping location will save you money in freight and express charges and time in transit. Let us have your order now.

WHOLESALE PRICE LIST:

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Latania Borbonica	5-in	14-16	4-6	....	$5.00	$37.50
" "	6-in	16-18	5-6	....	7.00	50.00
" "	7-in	16-20	7-8	$1.00	12.00	....
Kentia Belmoreana	3-in	10-12	4-6	....	....	15.00
" "	4-in	15-17	5-6	....	4.00	30.00
" "	5-in	18-20	5-6	....	7.50	60.00
" "	6-in	22-24	6	1.00	....	....
" "	6-in	24-27	6-7	1.25	....	....
" " strong	6-in	20-24	6-7	1.50	....	....
" "	7-in	26-30	6-8	2.50	....	....
Kentia Forsteriana	4-in	20-22	4-5	....	4.00	30.00
" "	5-in	24-27	4-5	....	7.50	60.00
" "	6-in	26-30	5	1.00	....	....
" " made up	7-in	26-30		1.50	....	....
" "	10-in	56-62		6.00	....	....
Areca Lutescens	4-in	14-16	3 plants in pot	....	3.00	....
" "	5-in	20-26	3 plants in pot	....	5.00	....
" "	6-in	26-30	3 plants in pot	....	9.00	....
" "	7-in	32-36	3 plants in pot	1.25	....	....
" "	8-in	42-48	3 plants in pot	3.00	....	....
Phoenix Canariensis	12 in	46-52		5.00	....	....
Asp. Plumosus	2-in			....	....	3.00
"	3-in			....	....	8.00
"	4 in			1.50	12.00	
" strong	4 in		3 plants in pot		2.00	15.00
"	5-in		3 plants in pot		3.00	22.00
"	6 in				4 50	....
" strong	6-in				6.00	....
Asparagus Sprengeri	2-in			....	....	3.00
" " "	3-in			....	....	6.00
" " "	4 in				1.50	10.00
Neph. Bostoniensis	2 in			....	....	3.50
" "	2½-in			....	....	4.50

Variety.	Size pot	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Neph. Bostoniensis	3-in			....	....	$8.00
" "	4-in			....	$2.00	15.00
" "	5-in			....	3.00	....
" "	6-in			....	6 00	....
" "	7-in			....	9.00	....
" "	8-in			....	12.00	....
" "	10-in			$1 50		....
Ficus Elastica	4-in	10-12		....	3 00	....
" "	6-in	14-18		....	6.00	....
" "	strong			....	9.00	....
Pandanus Utilis	5-in	10-14		....	5.00	....
Cocos Weddeliana	3-in	10-12	4-5	....	2.50	....
Sanseviera Jav. Var.	5-in			....	3 00	....
Poa Trivialis Var	3-in			....	....	6.00
Nephrolepis Piersoni	2 in			....	....	10.00
"	5-in			....	3.00	....
" "	6-in			1.25	....	....
" "	7-in			1.50	....	....
Anna Foster Ferns	10 in			2.50	....	....
Anna Foster Baskets	10-in			1.25	....	....
Sitolobium (Cyc.)	6-in			1.00	....	....
Cibotium Schiedei	6-in			2.00	....	....
Alsophila Australis	7-in			1.50	....	....
" "	8 in			2.50	....	....
" "	10-in			3.50	....	....
Asplenium Nidus Avis	5-in			1.25	....	....
Cyrtomium Falcatum	4-in			....	1.50	10.00
"	5-in			....	2 00	15.00
" "	7-in			....	6 00	....
Aspidium Ten.	4-in			....	1.50	12.00
" "	5-in			....	2.00	15.00
Adiantum Cuneatum	3-in			....	1.00	8.00
Ferns for dishes	good assortment			....	....	3.00
English Ivies	4-in			....	1.50	12.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

L. D. Phones Lake View 557 & 558.

Mention The Review when you write.

DAHLIAS

The Two Queens of their class

Ingeborg Egeland

THE BEST SCARLET CACTUS TO DATE.

Dry roots, 50c each, $5.00 per doz. Not over one dozen to each purchaser.

Mrs. Winters

Easily the world's best White. Carries prizes wherever staged.

Dry roots, $2.00 per doz. Not over five dozen to each purchaser.

STANDARD VARIETIES IN CACTUS, SHOW AND POMPON.....$6.50 per 100.
PURE WHITE VARIETIES.....$7.50 per 100. Better send cash and avoid delay.

CATALOGUE OF DAHLIAS AND HARDY PLANTS ON APPLICATION.

W. W. WILMORE,

Dahlia Specialist. Box 382 **DENVER, Colo.**

TORONTO.

The Market.

Everyone seems to be well satisfied with the Easter business. With scarcely any exception the plant business of Toronto far exceeded the cutflower business, and it seems plants are increasing in demand for Easter. Those who increased on their last year's business did so in plants, while some admitted that their cutflower business was not as large as last year. What promised to be an over-supply of Easter lilies a week ago, materialized in the form of a shortage on the last day, the principal reason being that many of the out-of-town growers who had 200 or 300 plants for their own trade did not get them in, consequently the whole demand fell on the few that had. Many of the retail men who had been led to believe that there was going to be an overplus of lilies and that they could be purchased cheap the last few days, were sadly disappointed, and the fact was that many of them could not buy lilies Friday or Saturday at any price. All kinds of bulbous stock was plentiful; in fact more than enough to go around. Carnations seemed to be quite equal to the demand and some of the poorer stock was left looking for a buyer. Good roses were scarce and everything was pretty well cleaned up. In plants the principal thing noticed as being unsold was rhododendrons.

I think it is quite safe to say that all Toronto florists increased on last year's business, which is quite encouraging.

D. J.

Utica, N. Y.—E. T. McQuivey had a down-town store for Easter week and did a big business.

Benton Harbor, Mich.—A. E. Crooks had a fine stock for Easter, particularly lilies, and reports good business.

ROOTED Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	Per 1000
Queen Louise	$2 00	$15 00
Lillian Pond	5 00	40 00
Flora Hill	2 00	15 00
Mrs. Thos. Lawson	2 50	20 00
Mrs. Joost	2 00	15 00
Genevieve Lord	2 00	15 00
Mrs. Bradt	3 00	25 00
White Bradt	6 00	50 00
MacRichmond	1 50	12 00
Estelle	3 00	

Begonia Lorraine Strong plants in 2-in. pots, $12 per 100.

I. H. MOSS, Govanstown, Baltimore, Md.

ROOTED CUTTINGS Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratum, Stella Gurney, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later. **Cash with order. Write**

S. D. BRANT - - - CLAY CENTER, KAN.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Colena**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus,** 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in, $6.00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. Foster, 45 King St., Dorchester, Mass.

Mention The Review when you write.

NEW ROSES

Cardinal and Enchantress

Read testimonials from two of the largest growers in Washington who have bought a large number of plants after seeing them growing at my place.

Washington, D. C., February 27, 1904.

Your new rose Cardinal came duly to hand and we firmly believe it will have a great future, and will certainly be a money maker as it is in a class all to itself, being superior in form and habit to anything that we have as yet seen. Your new rose Enchantress we also think will be a great money maker, judging from its profuse blooming quality, as we have seen it several times in mid-winter. It cannot help being a winner. Wishing you ever success, we remain, Yours truly, A. GUDE & BRO.

American Rose Co., 909 F St., N. W., Washington, March 17, 1904.

Dear Sir: We gave all the show possible to Enchantress and Cardinal, placing them in our window with placards telling what they were. They kept a week, retaining their brilliant color to the last. Cardinal was as full of perfume the day its petals dropped as when it was first cut. The roses are both matchless, and we believe destined to outclass all roses of their color for forcing under glass. Very sincerely yours,

AMERICAN ROSE CO., per B. D.

CARDINAL, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
ENCHANTRESS, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
Not less than 50 sold at present. Cash with order. Stock limited.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

POEHLMANN BROS. CO. HAVE

JUST WHAT YOU ARE LOOKING FOR.

Extra fine 2½-inch stock of CHRYSANTHEMUMS, ROSES and CARNATIONS.

150,000 2½-inch Carnations, warranted to give full satisfaction. Gov. Woleott, Lillian Pond, Apollo, Harlowarden, $4 00 per 1000. Prosperity, Lorna, Palmer, Lawson, Mary Wood, Roosevelt, $3.50 per 100. Flora Hill, $2 00 per 100.

150,000 2½-inch Rose Plants. Maids, Brides, Gates, Ivory, $4.00 per 100; $35.00 per 1000.

600 000 Chrysanthemums, R. C. and 2½-inch plants. White—Willowbrook, Kalb, Estelle, Fitzwygram, Ivory, Robinson, Wanamaker, Jones, Crawford, Timothy Eaton, White Bonnaffon, Christmas Eve and others, 2½-inch, $2.50 per 100; R. C., $1.50 per 100. Chadwick, 2½-inch, $4 00 per 100. Yellow—Bonnaffon, Appleton, E. D. Smith, Omega, Whitidin, Parr, Sunshine, Golden Wedding, 2½-inch, $2 50 per 100; R. C., $1.50 per 100. Yellow—Yellow Eaton, Goldmine, Chautauqua Gold, Monrovia, Nagoya, Yellow Jones, Halliday, Eclipse, 2½-inch, $3 00 per 100; R. C., $2 00 per 100. Pink—Pacific, Perrin, Murdock, Morel, 2½-inch, $2.50 per 100; R. C., $1.50 per 100. Pink—Shaw, Richardson, Liger, Harriet, Xeno, Coombes, 2½-inch, $3.00 per 100; R. C., $2.00 per 100. Red—Childs Intensity, Shrimpton, 2½-inch, $2.50 per 100; R. C., $1.50 per 100. Bronze—Lady Hanham, 2½-inch, $2.50 per 100; R. C., $1.50 per 100. **DUCKHAM**—the sensational Pink, $25.00 per 100; R. C., May 1.

We are headquarters for best cut blooms of AMERICAN BEAUTIES.

Cut flowers shipped direct from greenhouses. Glass area, 625,000 sq. ft. **MORTON GROVE, Cook Co., Ill.**

BOSTON FERNS

Pot-Grown Plants. Finest Quality. Prompt Shipment.

Prices—2½-inch, $3.50; 3-inch, $5.00; 4-inch, $15.00; 5-inch, $25.00 per 100. 6-inch, 40c; 7-inch, 60c; 8-inch, 75c each.

PIERSONI FERNS, 2½-inch, $8.00 per 100; 4-inch, 35c; 5-inch, 50c each. **ALTERNANTHERAS,** red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., MORRISON, ILL. —— and —— GENEVA, ILL.

DECORATIVE PLANTS. PIERSON AND BOSTON FERNS

Latania Borbonica, Areca Lutescens, Kentia Forsteriana and Belmoreana, Araucaria Excelsa and Compacta, Phoenix Canariensis, Pandanus Utilis, Ficus Elastica, Dracaena Indivisa and Azaleas. Write for prices. Correspondence solicited.

JOHN BADER, Importer and Wholesale Grower, **Troy Hill, Allegheny, Pa.**

Mention The Review when you write.

1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	$2.00
Acalypha Macafeeana and Marginata, per 1000, $20 00,	40c	2.50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Asparagus Sprengeri, 2½-in	50c	3 50
Baby Primrose, "Primula Forbesii"	40c	2.00
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties, per 1000, $15 00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.50
Hardy English Ivy, large and small leaved variety, per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2 00
Forget-Me-Nots, large flowering	40c	2.00

GERANIUMS—$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure, Comtesse de Harcourt, Double Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Holt's Mammoth Sage, per 1000, $15 00,	40c	$2.00
Lemon Verbena per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3 00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Sedum, variegated	40c	2 00
Smilax, per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2 00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Surplus all sold. Special price withdrawn.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and **HOLT'S MAMMOTH SAGE.**

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

CARNATIONS
ROOTED CUTTINGS
and PLANTS FROM SOIL.

Place your orders **at once** for prompt delivery. Strong, select, well rooted stock of the following varieties:

LADY BOUNTIFUL and THE BELLE,

The two largest and most prolific white carnations for 1904.

MRS. PATTEN, JUDGE HINSDALE, THE PRESIDENT and INDIANAPOLIS,

$12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Manvina, Neptune, Aureola and Senorita.

Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Adonis, Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties: — Apollo, Stella, Harry Fenn and Lorna, $3.00 per 100; $25.00 per 1000. Gov. Wolcott and Dorothy Whitney, $4.00 per 100; $30.00 per 1000. Morning Glory and Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

Also other varieties than above mentioned in the sand and ready in a short time.

F. Dorner & Sons Co.
LA FAYETTE, IND.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

...CANNAS...

Strong Root Pieces, Averaging 2 to 3 Eyes.

Alphonse Bouvier,
Alsace,
Austria,
Black Beauty, $7.00 per 100,
Bassett's Red, $3.00 per 100,
Charles Henderson,
Crimson Bedder,
Duke of Marlborough,
Egandale, $3.00 per 100,
Florence Vaughan,
Mme. Crozy,
Mrs. Kate Gray, $5.00 per 100,
President Carnot,
President Cleveland,
Progression,
Queen Charlotte,
Robert Christie,
Sam Trelease, $4.00 per 100,
Souv. de Antoine Crozy.

Unless noted, $2.00 per 100, $18.00 per 1000.

Write for Prices on Large Lots.

THE STORRS & HARRISON CO. PAINESVILLE, OHIO.

CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa,** strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST Quakertown, Pa.

Mention The Review when you write.

Enchantress CARNATION.

1 will have a few thousand strong rooted cuttings ready early in April.

$6.00 per 100, $50.00 per 1000.

W. K. PARTRIDGE, Station R. Cincinnati, Ohio

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Grafted Roses.

20,000 Brides and Maids.

These are on imported Manetts stock and nothing but healthy flowering wood being used.

Price, $120.00 per 1000.

Wm. A. Leonard, Lansdowne, Pa.

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Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

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KALAMAZOO, MICH.

Easter Notes.

Easter trade was up to the best expectations of the growers, sufficient quantity of nearly everything being available. Beauties and other roses were plentiful and of a high grade. Carnations were abundant and of a fair quality. Wholesale prices ruled much the same as Chicago quotations. Retail prices were for ordinary stock about the same as usual at Easter times. Special grades commanded good prices.

Lilies, which were plentiful, were of various qualities, some first-class, while a portion were poor in quality. The best retailed at 20 cents per bloom and bud, the poorer quality being hard to sell. The supply of green such as smilax, asparagus, etc., was sufficient to cover all demands.

Pot plants, such as azaleas spiræas, rhododendrons, etc., commanded a ready sale, especially the smaller plants. There was a good supply of bulbous stock, which was cleaned up early.

The Dunkley Floral Co. had a fine stock of lilies. Their carnations, which were in full crop, gave them an abundance to supply their numerous customers.

Sam Batson also had a fine cut of carnations and, as he confines himself to this one thing, he invariably does them well.

The Central Michigan Nursery Co. had a good display of rhododendrons, lilacs, azaleas and other flowering shrubs.

G. Van Bochove & Bro., although being handicapped by being flooded, made a magnificent showing, their Beauties and other roses being superb. They also had an abundance of high grade carnations, lilies, callas, and other supplies, which were well cleaned up. Notwithstanding their misfortune they reckon this as being one of their best Easters.

The weather was mild, which made delivery a pleasure. RIBES.

Clean, Healthy, Strong

CARNATIONS.

From 2¼-inch pots.

We can supply the following varieties ready for the field or bench. **Will ship to reach you any date desired.**

Pink.	100	1000	White.	100	1000
Joost	$2.00	$18.00	Flora Hill	$2.00	$18.00
Marquis	2.25	20.00	Innocence	2.50	
Dorothy	2.50		Her Majesty	4.00	
			Glacier	2.25	20.00
Scarlet.			**Variegated.**		
Crane	$2.50	$22.00	Prosperity	2.00	18.00

Geraniums—Beat semi-double beddera, scarlet, pink, salmon; rooted cuttings, labeled, $1.50 per 100.

Petunias—Double fringed. Ten novelties from Dreer's latest set. R. C., $1.25 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

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WE OFFER

500 leading varieties of **Roses** from 2½-inch pots and 4 and 5-inch pots. All on their own roots.
70 best varieties of **Chrysanthemums.**
60 varieties of **Geraniums.**
24 varieties of **Carnations,** healthy, well rooted, 2½-inch pot plants.
25 leading varieties of **Dahlias.**
50 varieties of **Cannas.**
Violets, California, Luxonne and Lady Hume Campbell.
Flowering and Rex Begonias in variety.
Fuchsias in variety.
Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
Moonvines, Blue and White.
Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana
Phoenix Canariensis and **Washingtonia Filifera Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
Send us your list for prices. Catalogue free for the asking.

THE DINGEE & CONARD CO.,

The Leading Rose Growers of America.

Established 1850. **West Grove, Pa.**

ORCHIDS

Just arrived in perfect condition **Cattleya Mossiae,** Oncidium Papilio (Butterfly Orchid), Peristeria elata (Holy Ghost Orchid). Catasetums in var., Cychuachea, Epidendrums, Stanhopea, Dendrobium Nobile, D. Densiflorum and D. Chrysanthum. Also a lot of Bulbs of Calanthe Veitchii for immediate delivery.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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50,000 CANNAS

from $1.00 per 100 up; write for prices and varieties. **Kentias**—Strong, 3-in., $12.50 per 100; 4 in., $25.00 per 100. **Mums**—Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon, $2.00 per 100. **Double Sweet Alyssum**—Fine bushy plants $2.00 per 100. **Rooted Carnation Cuttings**—Cheap to close out.

W. W. COLES, KOKOMO, IND.

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Marie Louise and Farquhar Violets

Strong Clumps for stock. Give quantity wanted and ask for quotations.

The Chatham Floral Co.,

R. E SHUPHELT, Pres.

CHATHAM, - - NEW YORK.

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Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

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E. J. VAWTER, President. Ocean Park, Cal.

IPOMOEA MEXICANA

(Mexican Morning Glory)

Strong one and two year old Roots, per doz., $1.75.

ASTER HOHENZOLLERN—Best early White; once Transplanted; stocky; per 100, 50c.

CHRYSANTHEMUMS—R. C. (from flats) Ivory, The Queen, Fl. Pullman, T. Eaton, Perrin, Lav. Queen, Polly Rose; $1.25 per 100. Cash with order. **W. W. STERTZING, Maplewood Sta., St. Louis, Mo.**

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50,000 ALTERNANTHERAS red and yellow, from 2-inch pots, at $1.50 per 100; R. C. 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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SEASONABLE STOCK

	Pots.	Per 100
Asparagus Plumosus Nanus	2½-in.	$5.00
Asparagus Plumosus Nanus	2 -in.	4.00
Asparagus Sprengeri	2 -in.	3.00
Asparagus Tenuissimus	2 -in.	3.00

CARNATIONS

Novelties of 1904, from pots or soil, fine stock, including Lady Bountiful Indianapolis, and White Lawson, $2.50 per doz.; $12.00 per hundred.

Strong plants from the following sorts (from soil):

Glacier	$2.50 per 100	$20.00 per 1000
Mrs. T. W. Lawson	3.00 per 100	25.00 per 1000
Enchantress	7.00 per 100	60.00 per 1000

CANNAS

The Express, best dwarf Crimson Canna to date; strong plants, from 3-inch pots, $1.50 per doz. $10.00 per hundred.

The following varieties in two-eye, dormant roots, at $2.00 per hundred: Tricadora, Leopard, Explorateur Crampbell, Florence Vaughan, Oscar Dannacher, Maple Avenue, Charles Henderson, Mme. Louis Druz, Pierson's Premier, Crimson Bedder, C. Dreve, Rosemawr, J. Colette Rochaine, Mrs. R. McKeand, and Mottled Queen; Pennsylvania at $3.50 per hundred; Mixed Cannas, $1.00 per hun., $8.00 per thousand.

GERANIUMS

Strong fall struck plants, from 2-inch pots.

The following varieties at $2.50 per hundred:

125 Mme. Barney,	150 La Favorite,
130 Sam Sloan,	125 Mrs. E. G. Hill,
300 Mme. Landry,	150 Marvel,
800 Jean Viaud,	250 S. A. Nutt,
100 Mme. Fournier,	300 Dryden.

Nephrolepis Piersoni, strong plants, from 2-inch pots, $8.00 per hundred.

Fall planted stock from bench, ready for 4-inch pots, $20.00 per hundred.

Nephrolepis Bostoniensis, fall planted, ready for 4-inch pots, $10.00 per hundred.

VINCAS

Three-inch pots, variegated and green, $5.00 per hundred.

HARDY PLANTS

All the following are last season's propagation:

Anemone Japonica, from 2-inch pots, $1.00 per hundred, including the following varieties: Alba, Queen Charlotte, and Elegantissima.

Aquilegia (long spurred, mixed), 2-inch pots, $3.00 per hundred.

Coreopsis Lanceolata, 3-in. pots, $3.00 per 100.

Digitalis, extra strong, 3-in. pots, $3.00 per 100.

Helianthus Sparsifolia, grand novelty for cutting, 25c each. $2.50 per dozen.

Oriental Poppy, 3-in. pots, $5.00 per hundred.

Pyrethrum, strong clumps, $6.00 per hundred.

Rudbeckia Newmanii, 2½-in. pots, $3.00 per 100.

Rudbeckia Triloba, 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON,

ADRIAN, MICH.

Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

BOSTON FERNS—	Per 100
2½-inch	$ 4.00
3 "	7.00
From bench for 5-inch	15.00
" " 3 and 4-inch	8.00
" " 2-inch	3.00
Anna Foster—5-inch ... per dozen	3.00
Nep. Cordata Compacta—2-inch	3.00
Nep. Wittboldii—2½-inch	4.00
Fancy ferns, small, for dishes, in 5 varieties	2.50
Rubber plants, 10 to 15 inches high, per doz.	3.00
Latania Palms—4-inch	10.00
Asparagus Plumosus—2-inch	3.00
" **Sprengeri**—2-inch	2.00
Begonias—In variety, 3 and 4-inch	5.00
Carex Japonica—Var. 3-inch	4.00
Trailing Lantanas—2½-inch	3.00
Heliotropes—5 kinds, 3-inch	5.00
" 5 " 2 "	2.00
Fuchsias—5 kinds, 3-inch	5.00
" 5 " 2 "	2.50
Ageratum—3 kinds, 2-inch	2.00
Vincas—White and green var., 2-inch	2.00
" " " " 3 "	6.00
" Green variegated 2 "	2.00
" " " 4 "	6.00

GERANIUMS—	
La Favorite—2-inch	3.00
" " 3 "	5.00
Jean Viaud— 2 "	4.00
" " 3 "	6.00
Choice Mixed, 2 "	2.50
" 3 "	4.00
Rose and Scented, 2-inch	3.00
" " 3 "	5.00

COLEUS—	Per 100	1000
In 10 choice varieties, 2-inch	$2.00	$18.00
Rooted cuttings		5.00
Golden Bedder—2-inch	2.50	
Verschaffeltii—2 "	2.50	
Rooted cuttings		6.00

Cannas—In pots, write for list of var. and prices.
Mums—Cuttings and potted stock, write for list and prices.
The above stock is in fine condition and sure to please. Cash or satisfactory reference with order.

GEO. L. MILLER CO., Newark, O.

Mention Review when you write

After EASTER

You should look well to your **ROSE STOCK.** Get your order in and have it grown up to 3-inch and shipped when you want it if you have not got the room at once.

Of course you won't forget that **FERNS** make you money at all times and that Geo. A. Kuhl has the **largest stock of**

BOSTON AND PIERSONI in the West.

Then comes Decoration Day with following line of plants, such as

Pansies, Verbenas, Vinca Vines, Marguerites, Coleus, Geraniums, Begonias, Fuchsias,

Write— **Moonvines, Cannas, etc.**

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100,000 PANSIES

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted, 50c per 100; $3.50 per 1000; 2000 or more, $3.00 per 1000; from cold frame; extra large plants coming in bud, $1.00 per 100. **Mammoth Verbenas,** stocky plants, 60c per 100; $4.50 per 1000. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18 per 1000. **Maidenhair Ferns,** 4-in. $1.25 per doz. **Dracaena Indivisa,** 5-in., $18 per 100.

SAMUEL WHITTON, - - 15-17 Gray Ave., UTICA, N. Y.

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Marie Louise

Sand Rooted .... **$10 00 per 1000**
Unrooted .... **8.00 per 1000**

A. LAUB & SON,

Hughsonville, Dutchess Co., N. Y.

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WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

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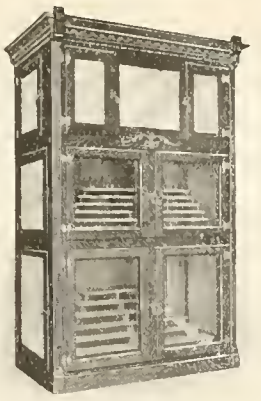

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Economical in the Use of Ice. Scientifically Constructed.

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Special Designs BUILT TO ORDER

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THE BEST GRADE OF

ROOTED CUTTINGS

Coleus—Ten best sorts	$0.60 per	100
	5.00 "	1000
Coleus—Verschaffelti, Golden Bedder and Firebrand	.75 "	100
	6.00 "	1000
Salvias—Splendens and Bonfire	1.00 "	100
	9.00 "	1000
Heliotropes—Light and Dark	1.00 "	100
	9.00 "	1000
Argeratum—Stella Gurney	.60 "	100
	5.00 "	1000
Water, or Parlor Ivy	.60 "	100
Sweet Alyssum—Giant Double	.60 "	100
Marguerites—White and Yellow	$1.00 per	100
Asparagus Sprengeri—4-in. pots, strong	8.00 "	100
Chrysanthemums—Fine, healthy stock: Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Eaton (White), Chadwick, Golden Wedding, Mrs. Murdock	1.50 "	100
	12.00 "	1000

Well packed ready to deliver. Satisfaction guaranteed. CASH WITH ORDER, PLEASE.

No orders for less than $1.00.

"CRITCHELL'S", Avondale, CINCINNATI, OHIO.

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For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

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CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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FEVERFEW LITTLE GEM

R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100. CASH WITH ORDER.

H. STAHLHUT, N. E. Cor. New Lots Road and Shepherd Ave., BROOKLYN, N. Y

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TRANSPLANTED PANSIES

In bud and bloom, $1.00 per 100; $8.00 per 1000. **Alternantheras, R. C.**—50c per 100 postpaid; 2½-in pots, $2.00 per 100. **Carnations, R. C.**—Inquire for varieties and prices. CASH PLEASE.

HENRY ERNST & SON, Washington, Mo.

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SHADING

What you need is a reliable shading, upon your greenhouse glass, one that will not easily wash off by rains. Upon receipt of $1.00, I will mail to any address printed recipe for same with instructions how to mix. It saves labor and material, because it stays where you put it.

JOHN DOUGHTY, Florist,
200 Kimberly Ave., New Haven, Conn.

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JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas. Grand stock. Send for particulars.

Mention The Review when you write.

BOSTON FERNS.

Large Stock. Low Prices. Ready to Retail.

2½-inch	$ 4.00 per 100	5-inch	$25.00 per 100
3-inch	8.00 "	6-inch	40.00
4-inch	12.00 "		

Please note special low prices on smaller sizes.

W. H. GULLETT & SONS, Lincoln, Ill.

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Over $65,000 has been paid by the **FLORISTS' HAIL ASSOCIATION** for glass broken by hail.

For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilon Savitzii, strong, 2½-in., $3.00 per 100. Mayer & Son, Willowstreet, Lancaster Co., Pa.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums. 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratums, 3 kinds, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

ALTERNANTHERAS.

Alternantheras, 6 varieties, 2¼-in. pots, $2.00 100; $17.50 1000.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

10,000 Alternantheras P. major and rosea, strong, well rooted cuttings, $4.00 per 1000; 2000 for $7.00. C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternanthera rooted cuttings, 50c 100 postpaid; 2½-in. pots, $2.00 100. Cash.
H. Ernst & Son, Washington, Mo.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Morrison, Ill.

Alternanthera, the new Brilliantissima, finest of all, 2-in., $6.00 100.
A. J. Baldwin, Newark, O.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALTHEAS

Althea or Rose of Sharon, fine plants, 7 kinds, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Double sweet alyssum, fine bushy plants, $2.00 100. W. W. Coles, Kokomo, Ind.

Sweet alyssum, giant dbl., 75c per 100 by mail. S. W. Pike, St. Charles, Ill.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Giant alysaum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 3 yrs., extra strong, $9.00 per 100, $85.00 per 1000; 2 yrs., first-class, $7.00 per 100, $65.00 per 1000; 2 yrs., selected medium size, $6.00 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, 3 years old, sold out; 2 years, transplanted, first-class, $5.00 per 100, $45.00 per 1000. Cash with order. Sample 10 plants by mail, prepaid, $1.00.
E. Ferrand & Son, Detroit, Mich.

Ampelopsis Veitchii, field-grown; 2 yrs., No. 1, $6.00 100, $55.00 1000; 2 yrs., X, $8.00 100, $75.00 1000; 4 yrs., XX, $10.00 100, $90.00 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

Ampelopsis Veitchii, 2-in., 50c doz., $3.00 100, $25.00 1000; field-grown, 3 to 4 ft., $1.50 doz., $12.00 100. Good & Reese Co., Springfield, O.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa or Norfolk Island pine, 3 to 4 tiers, 85c each, $9.00 doz.
Good & Reese Co., Springfield, O.

Araucaria excelsa and compacta. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, 2-in. pots, 60c per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75c per doz., $6.00 per 100, $55.00 per 1000.
ASPARAGUS SPRENGERI, 2-in. pots, 60c per doz., $4.00 per 100, $30.00 per 1000; 3-in. pots, 75c per doz., $5.00 per 100, $40.00 per 1000. HENRY A. DREER, Philadelphia, Pa.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $8.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

SPRENGERI, 2½-in., ready for 3½ or 4-in., $2.50 per 100, $20.00 per 1000. A rare bargain.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., ready for 4-in., fine bushy plants, $5.00 per 100.
F. C. Beldeo, West Palm Beach, Fla.

100 Asparagus tenuissimus, 3-inch, ready for 4-inch, $6.00 100. Cash with order.
H. T. & A. H. Funnell, Huntington, L. I., N. Y.

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, 2-in., $3.00 100. A. Sprengeri, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, April 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

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ASPIDISTRAS.

Aspidistras, green, $6.00 per 100 leaves; variegated, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

New Aster MISS KATE LOCK, blooms 6 to 7 inches across, stems 36 to 39 inches long. Mixed seed only, $1.00 per one-sixteenth of oz. J. H. Lock, 41 Manchester Ave., Toronto, Can.

Aster Hohenzollern, best early white, once trans., 50c 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

AZALEAS.

Azaleas, Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100. Azalea mollis (hardy), 35c each, $3.00 doz., $20.00 100.
Good & Reese Co., Springfield, O.

Azalea mollis, well-budded, from $35.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azalea mollis, 30c each. Satisfaction guaranteed.
Frank Kadlec, 177 Johnston Ave., Chicago.

Azaleas. Correspondence solicited.
John Bader, Troy Hill, Allegheny, Pa.

BAY TREES.

Bay trees, pyramids and standards, $10.00 and up. F. W. O. Schmitz, Prince Bay, N. Y.

BEGONIAS.

Flowering begonias, 2¼-inch, $3.00 100. Argenteo-guttata, Thurstoni, Metallica, etc. Begonia Rex, 2-inch, $4.00 100; 3-inch, $6.00 100. Cash. C. P. Dieterich & Bro., Mayaville, Ky.

BEGONIA VERNON, red, white, pink and mixed; extra bushy, 2½-inch, ready for 4-inch, in bud, $2.00 per 100, $15.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 342 Greenwich St., New York.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea maculata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
W. T. Stephens Co., Brookfield, Mo.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia rieinifolia maculata, 2½-in., $5.00 per 100. C. W. Baker, Springfield, Ohio.

Begonia Lorraine, strong plants in 2-in. pots, $12.00 100. I. H. Mosa, Govanstown, Md.

Begonias in var., 3 and 4-in., $5.00 100.
Geo. L. Miller Co., Newark, Ohio.

Rex begonias, 4-in., $6.00; 5-in., $12.00
W. H. Parsil, Summit, N. J.

BOG PLANTS.

Bog plants, including Dionaea muscipula, Sarraceniaa flava, purpurea, rubra, etc. Write for prices. James M. Lamb, Fayetteville, N. C.

BOX TREES.

Boxtrees, standards and pyramids, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BOX WOOD.

Boxwood. Holland-grown; bush. 2 ft., 75c each; pyramidal, 4½-ft., $1.00 each.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

BULBS.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

We are growers and wholesale dealers in high-class flowering bulbs. Prices to the wholesale trade only on application.
Reea & Compere, R. D. No. 1, Long Beach, Cal.

Spotted calla bulbs, 1 to 1½-inch, good, $1.50 100; 1½ to 2-inch, $2.00 100. Cash.
H. T. & A. H. Funnell, Huntington, L. I., N. Y.

Floracroft strain prize gladioli.

	100.	1000.
Floracroft, prize mixture, 1st size..	$1.50	$10.00
Floracroft prize mixture, 2nd size.	1.00	7.50
Groff's new hybrids, 1st size.....	2.25	20.00
Orange and yellow, 1st size.....	2.50	24.00
Striped and variegated, 1st size....	2.25	20.00
Brenchleyensis, scarlet, 1st size....	1.00	8.00
Pink shades, 1st size.....	1.25	12.00
White and light, 1st size.....	1.75	15.00
American hybrids, choice mix.....	1.00	9.00
Johnson & Stokes' special mix.....	.90	6.00
	Doz.	100.
Lilium auratum, 8x9 (130 to case).	$0.75	$4.75
Lilium auratum, 9x11 (100 to case).	1.00	7.00
Lilium spec. album, 8x9 (160 to case)	.90	5.50
Lilium spec.album, 9x11 (100 to case)	1.00	7.00
Lilium spec. rubrum, 8x9 (160 to case)	.90	5.50
Lilium spec. rubrum, 9x11 (100 to case)	1.00	7.00

Tuberose Excelsior Double Pearl, 4-6-in., $1.00 100, $7.00 1000.
Johnson & Stokes, 217-219 Market St., Phila.

Caladium esculentums. Nothing but first-class stock.
5 to 7-in. cir.....$0.40 doz., $2.50 100
7 to 9-in. cir..... .60 doz., 4.00 100
9 to 12-in. cir..... .90 doz., 7.00 100
Mammoth ..... 1.60 doz., 13.00 100
Tuberoses. Dwarf Excelsior Pearl.
Mammoth, 6 to 8-in.....$1.50 100.
No. 1, 4 to 6-in..... 1.00 100, $7.50 1000
Medium ..... .60 100, 4.50 1000
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

10,000 Ismene calathina, fine bulbs. First size, large bulbs, $8.00 100; $70.00 1000. Second size, blooming bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

Caladium bulbs, 5-7, $3.00, 7 to 9, $4.50; mammoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

Tuberoses, Excelsior Pearl, 4-6, $6.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

Bulbs and tubers. Write us for prices.
W. C. Beckert, Allegheny, Pa.

CAMELLIAS.

Camellia japonica, all colors, 2 ft., 60c each, $6.00 doz., $45.00 100.
Good & Reese Co., Springfield, O.

CANNAS.

Cannas, strong root pieces, averaging 2 to 3 eyes, $2.00 100; $18.00 1000, unless noted.

Alphonse Bouvier.	Mme. Crozy.
Alsace.	Mrs. K. Gray, $5.00 100.
Austria.	Pres. Carnot.
Black Beauty, $7.00 100.	Pres. Cleveland.
Bassett's Red, $3.00 100.	Progression.
Chas. Henderson.	Queen Charlotte.
Crimson Bedder.	Robt. Christie.
Duke of Marlborough.	Sam Trelease, $4.00 100.
Egandale, $3.00 100.	Souv. de A. Crozy.
Florence Vaughan.	

Write for prices on large lots.
STORRS & HARRISON CO., Painesville, O.

THREE NEW CANNAS.

HON. W. R. HEARST, large, free bloomer; scarlet, mottled and edged with golden yellow; outside of petals almost pure yellow; first in bloom.

SENATOR HANNA, large flower; pure orange, tinged with golden yellow.

MRS. JOHN A. LOGAN, vigorous grower; scarlet, with broad yellow golden border; resembles Queen Charlotte.

Any of the above $1.00 each. Cash.
H. D. Seele, Canna Specialist, Elkhart, Ind.

200,000 Canna roots. Alemannia, Alsace, Austria, Burbank, Coronet, Chas. Henderson, Chris. Viard, Denil St. Geroy, Flaccida, F. Vaughan, Jacksonii, J. C. Vaughan, John Laing, Madame Crozy, Maurice Mussey, Paul Marquant, Peachblow, Queen Charlotte, Robusta, Shenandoah and other new and rare varieties, $6.00 to $12.00 per 1000. Freight prepaid to New York, Boston or Philadelphia.
Griffing Brothers Co., Jacksonville, Fla.

Cannas L. Patry, Francois Reif, Pres. Cleveland, Chas. Henderson, Sec'y Chabanne, Alemannia, Burbank. About 9,000 or 10,000 of the above varieties to close out for the season. I offer your selection at 80c per 100. My selection in assortment of not less than 500 lots at 60c per 100. Perfectly sound and true to name. Express shipments made in light plant baskets.
Theodora S. Ellis, Griffin, Ga.

Cannas, dormant roots. Austria, Italia, Pres. Cleveland, Felix Crouse, A. Bouvier, and large bronze leaved, $1.25 100; $10.00 1000. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

10,000 cannas, good, live eyes, Roscmawr and Gloriosa, $1.50 per 100. Mme. Crozy and Queen Charlotte, $1.25 per 100. 1,500 crimson seedlings. This is a good canna, at $1.25 per 100. 1,500 bright red seedling, extra good variety, $1.25 per 100.
A. B. Campbell, Coebranville, Pa.

Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
Good & Reese Co., Springfield, O.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Cannas Egandale, Burbank, Souv. de Antoine Crozy, Bouvier, Fl. Vaughan, J. C. Vaughan, Henderson, etc., $1.50 per 100.
A. J. Baldwin, Newark, O.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

10,000 canna roots, in 10 leading varieties, from 75c to $1.25 100.
J. H. O'Hagan, Little Silver, N. J.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Cannas, $1.00 per 100 and up. Send for varieties.
W. W. Coles, Kokomo, Ind.

20,000 canna roots, mixed, best sorts, $12.00 1000.
W. G. Eisele, West End, N. J.

CARNATIONS.

Special low prices for 10 days on rooted carnation cuttings.

Pink	100.	1000.	5000.
Lawson	$1.25	$12.00	$50.00
Nelson	2.00	18.00	80.00
Guardian Angel	1.00	8.00	35.00
Dorothy	1.50	12.50	50.00
McKinley	2.00	18.00	80.00
Crocker	1.25	10.00	40.00
Joost	1.00	8.00	35.00
Red.			
Crane	2.00	18.00	80.00
Estelle	2.50	20.00	
America	2.00	18.00	80.00
Palmer	2.00	18.00	80.00
Harlowarden	3.00	25.00	
White.			
Hill	1.00	8.00	35.00
White Cloud	1.25	10.00	40.00
Queen Louise	1.25	12.00	
Light Pink.			
Higinbotham	2.00	18.00	80.00
Variegated.			
Prosperity	2.00	18.00	80.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties:

Lady Bountiful	Judge Hlusdale
The Bell	The President
Mrs. Patten	Indianapolis

$12.00 per 100; $100.00 per 1000.
A very profitable and novel set, of bright shades, odd colors and very attractive—Bizarre Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100.	1000.		100.	1000.
Adonis	$6.00	$50	Apollo	$3.00	$25
Harlowarden	6.00	50	Stella	3.00	25
McKinley	5.00	40	H. Fenn	3.00	25
M. Field	5.00	40	Lorna	3.00	25
Mrs. Roosevelt	5.00	40	Wolcott	4.00	30
Gov. Lowndes	5.00	40	D. Whitney	4.00	30
M. Glory	2.50	20	G. Roosevelt	2.50	20

F. Dorner & Sons Co., Lafayette, Ind.

THESE VARIETIES NOW READY.

Red—	100.	1000.	White—	100.	1000.
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden.	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am.	1.50	12.50
W. Cloud.	1.50	12.50	G. Angel.	1.25	10.00
Flora Hill.	1.50	12.50	Cressbrook.	1.50	12.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnation rooted cuttings. Cash with order.

	100.	1000.		100.	1000.
Lawson	$1.25	$12.00	G. Angel.	$1.00	$7.50
Crane	1.25	12.00	Hill	1.00	8.00
Joost	1.00	7.50	Lord	1.00	7.50

J. J. Lampert, Xenia, Ohio.

Carnations, 2½-in. pots.

	100.	1000.		100.	1000.
Her Majesty	$0	$50	Harlowarden	$6	$50
Lawson	5	40	Prosperity	5	40

Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100.	1000.		100.	1000.
Lawson	$1.25	$10.00	Murphy's White	$3.00	$25.00
Nelson	2.00	18.00	Flora Hill.	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud.	1.25	10.00
H'botham.	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'ndes	3.00	25.00
Estelle	2.50	20.00	Marlon	1.25	10.00
Mrs. Ine.	1.25	10.00	Bradt	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Roosevelt	3.00	25.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Mrs. P. Palmer	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Floriana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Bradt	$6.00	$50.00	McKinley	$3.50	$30.00
B. Market.	4.00	35.00	Floriana	2.50	20.00
Wolcott	3.00	25.00	Lawson	2.50	20.00
Innocence	2.50	20.00	Dorothy	2.00	17.50
Glacier	2.00	17.50	Joost	2.00	17.50
Norway	2.00	17.50	Nelson	2.00	17.50
Lorna	2.00	17.50	Triumph	1.50	12.50
W. Cloud.	1.50	12.50	Fairmaid	3.00	25.00
Bradt	3.00	25.00	Elma	3.00	25.00
Prosperity.	2.50	20.00	M. Glory.	2.00	17.50
Gaiety	2.50	20.00	Success	1.50	12.50
Stella	2.50	20.00	G.Roosevelt	2.50	20.00
Adonis	7.00	65.00	Gomez	1.50	12.50
Manley	4.00	35.00	Maceo	1.50	12.50
Estelle	3.00	25.00	Crane	2.50	20.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

FIANCEE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1,000, $100.00.

	100.	1000.		100.	1000.
Crusader.	$10.00	$80.00	Enchant	$5.50	$50.00
Flamingo	12.00	100.00	H. Majesty	4.50	40.00
W. Lawson	12.00	100.00	McKinley	4.50	40.00
Bountiful.	12.00	100.00	Wolcott	4.00	30.00
The Belle.	12.00	100.00	Lawson	2.00	17.50
Moonlight	10.00	75.00	Prosperity.	2.00	16.00
Ind'npolis	12.00	100.00	Fairmaid	3.50	27.50
Vesper	10.00	75.00	Harlow'den.	4.50	40.00
Pond	4.50	40.00	Whitney	4.50	40.00
Estelle	3.00	25.00	Hig'botham	4.00	30.00
B. Market.	3.50	27.50	M. Field	5.00	40.00

Chicago Carnation Co., Joliet, Ill.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
N. Daybreak	$12.00	$100	Estelle	$4.00	$35
Lowndes	6.00	50	Lawson	3.00	25
Enchantress.	6.00	50	Lord	2.50	20
Harlowarden	6.00	50	Prosperity	3.00	25
Adonis	8.00	70	Lorna	2.50	20
Norway	2.50	20	Fair Maid	3.00	25
Nelson	4.00	35	Wolcott	4.00	35

Other new and standard varieties. Stock is in fine condition and ready for immediate shipment. H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings now ready.

	100.	1000.		100.	1000.
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00		Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market. $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

Rooted carnation cuttings.

	Per 100.		Per 100.
Flamingo	$12.00	Morning Glory	$2.00
Boston Market	4.00	Mrs. Lawson	2.50
Fair Maid	4.00	Cressbrook	2.50
Roosevelt	2.50	Flora Hill, Imp.	2.50
Harry Fenn	5.00	Queen Louise	1.50
Maceo	2.00	Eldorado	1.25

Write for special discount quantities.
C. E. Dickerman, 21 Mill St., Dorchester, Mass.

Rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory.	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

CARNATIONS—Continued.

Carnations, from 2¼in. pots, ready for the field or bench. Will ship to reach you any date desired.

	100	1000		100	1000
Joost	$2.00	$18.00	Innocence	$2.50	
Marquis	2.25	20.00	H. Majesty	4.00	
Dorothy	2.50		Glacier	2.25	$20.00
Crane	2.50	20.00	Prosperity	2.00	18.00
Hill	2.00	18.00			

Buckley Plant Co., Springfield, Ill.

Carnation cuttings.

	100	1000		100	1000
Euch'tress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. W'cott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. R'velt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

Bell Miller, Springfield, Ill.

Carnation cuttings. Well-rooted, strong, healthy.

	100.	1000.		100.	1000.
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	Hill	1.50	10.00
W. Cloud	1.50	12.50	Palmer	1.50	12.50
Q. Louise	1.50	12.50	Mrs. Inc	1.25	9.00

John Brod, Niles Center, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100.	1000.		100.	1000.
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttings, strong, healthy stock.

Flora Hill	$1.50 100,	$12.50 1000
Mrs. Lawson	2.25 100,	20.00 1000
Prosperity	3.00 100,	27.50 1000

Cash with order, please.
John Curwen, Glenhead, L. I., N. Y.

Carnation cuttings, well-rooted.

	100.	1000.		100.	1000.
Peru	$1.50	$12.50	Lawson	$2.50	$20.00
Hill	1.50	12.50	W. Cloud	1.50	12.50
America	2.00	18.00	Estelle	2.00	18.00
G. Angel	1.25	10.00			

H. Hansen, 4016 No. Clark St., Chicago.

Rooted carnation cuttings, first-class stock.

	100.	1000.		100.	1000.
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazlody	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnation cuttings, 1000 Queen Louise; 2500 Flora Hill; 5000 Mrs. Joost, $1.25 per 100; $10.00 per 1000. These cuttings are well rooted and free from disease. Cash with order or C. O. D. W. B. Girvin, Leola, Pa.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crown Point Floral Co., Crown Point, Ind.

Carnation cuttings, clean, healthy and well-rooted. Snowdrift, $1.25 100, $10.00 1000; Joost and Cartledge, $1.00 100, $8.00 1000; Gov. Roosevelt, $2.00 100.
John R. Shreiner, Lancaster, Pa.

150,000 2½-in. carnations. Wolcott, Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Lorna, Palmer, Lawson, Wood, Roosevelt, $3.50 100. Hill, $2.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

Carnations. Rooted cuttings of all the leading varieties, at lowest market prices, now ready. Grown from side shoots only.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Carnations for summer blooming. Mrs. Fisher, $2.00 1000. Wm. Scott, $15.00 1000. Strong, healthy plants from soil. We guarantee satisfaction.
Leo Niessen, 1217 Arch St., Philadelphia.

ENCHANTRESS. I shall have a few thousand strong, rooted cuttings ready early in April. Price, $6.00 100; $50.00 1000.
W. K. Partridge, Sta. R, Cincinnati, O.

Surplus stock. 1000 Margaret carnations, white and mixed, strong, transplanted from January sowing, $1.00 per 100.
Geo. F. Heath, Bennington, Vt.

We have a small surplus of carefully selected, well-rooted carnation cutting. Write us if you are looking for the best stock.
Bassett & Washburn, 76 Wabash Ave., Chicago.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations from flats. Hill and Joost, $1.25 per 100. Prosperity, $2.00 per 100. Extra well-rooted. Postpaid.
A. B. Campbell, Cochranville, Pa.

The Queen is the best white carnation in sight. Stock ready now. Price, $5.00 100; $40.00 1000.
S. S. Skidelsky, 708 No. 16th St., Phila.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

Carnation cuttings, fine, healthy, strong rooted plants of Scott, $1.00 per 100, $7.50 per 1000.
A. Urig, Alliance, Ohio.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

500 Queen Louise and 300 Ethel Crocker carnations, in 2½-in. pots, $2.50 per 100.
A. R. Knowles, Bloomington, Ill.

Clean, well-rooted cuttings of Joost, Crocker, McGowan; while they last, 85c 100.
Wm. B. Lovell, Sabula, Iowa.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Bernheimer, 11 So. 16th St., Phila.

2000 Boston Market rooted cuttings, $3.00 per 100, $25.00 per 1000.
F. H. Pasell & Son, New Bedford, Mass.

Carnations, Crocker and Hill, 2-in., $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

CENTAUREAS.

Surplus stock. Centaurea gymnocarpa (Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

Centaurea gymnocarpa, transplanted seedlings, 60c 100; $5.00 1000. Cash.
Edw. Eggert, 42 Whiting St., New Britain, Conn.

Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

Centaurea gymnocarpa, 2-in., $2.00 100. Cash.
C. P. Dieterich & Bro., Mayaville, Ky.

CHRYSANTHEMUMS.

Chrysanthemums. Rooted cuttings and 2-inch. White.	R. C., per 100.	2-inch, per 100.
Timothy Eaton	$2.00	$3.00
W. H. Chadwick	2.00	3.00
White Bonnaffon	1.50	2.50
Minnie Wanamaker	1.50	2.50
Geo. S. Kalb	1.50	2.50
Estelle	1.50	2.50
Mrs. Robinson	1.50	2.50
Ivory	1.50	2.50
Merry Christmas	1.50	2.50
Yellow.		
Golden Wedding	1.50	2.50
Golden Beauty	1.50	2.50
October Sunshine	1.50	2.50
Col. Appleton	1.50	2.50
Major Bonnaffon	1.50	2.50
Pink.		
Mrs. Murdock	1.50	2.50
Viviand-Morel	1.50	2.50
Mrs. Perrin	1.50	2.50
Glory of Pacific	1.50	2.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums, well-rooted cuttings. Glory of Pacific, $1.25 per 100. T. Eaton and Col. Appleton, $1.50 per 100. By mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemum rooted cuttings, from flats, Ivory, Queen, Pullman, Eaton, Perrin, Lavender Queen, Polly Rose, $1.25 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

Rooted chrysanthemum cuttings.

Lady Fitzwygram	Nivea
Yellow Fitzwygram	Mutual Friend
G. S. Kalb	Helen Bloodgood
Monrovia	White Ivory
Florence Teal	Pink Ivory
Glory of Pacific	Cullingfordii
Polly Rose	Adula
Willowbrook	Jerome Jones
Golden Trophy	Blackhawk
Mrs. H. Robinson	Golden Wedding
Appleton	W. H. Lincoln
Minerva	Maud Dean
J. W. Childs	Nagoya
John Shrimpton	Timothy Eaton
Philadelphia	Mme. F. Perrin
Viviand-Morel	Bonnaffon
Halliday	

$1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
WM. F. KASTING, Buffalo, N. Y.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diedericha, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Yacoma, Lincoln, Monrovia, John Shrimpton, Nagoya, Ileman, Mrs. Coombes, from sand, $2.00 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, white; Willowbrook, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Cool-grown chrysanthemums, ready April 10.

	R. C.	2¼-in.
Bonnaffon	$1.50	$2.50
Pacific	1.50	2.50
Polly Rose	1.50	2.50
Appleton	1.50	2.50
White Ivory	1.50	2.50
Pink Ivory	1.50	2.50
Jerome Jones	1.50	2.50

Special price by the 1000. The above stock has been kept in houses without heat and is clean, healthy and strong.
George Mathewa, Great Neck, L. I., N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100.

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
H. N. EATON, South Sudbury, Mass.

Rooted chrysanthemum cuttings, $1.50 100.

Kalb.	V. Morel	Harry Parr
Willowbrook	J. K. Shaw	R. Halliday
Polly Rose	Mrs. Coombes	Mrs. E. D. Smith
Queen	M. Calvat	Yellow Jones
Mrs. J. Jones	Mrs. Murdock	Mayflower
T. Eaton	Mrs. Perrin	C. Appleton
M. Xmas	Maud Dean	G. Wedding
Chadwick	Pres. Smith	Pennsylvania
Opah	Woodford	M. Bonnaffon
Lady Harriet	H. Bloodgood	Goldmine.
Sunshine	R. H. Pearson	

Bell Miller, Springfield, Ill.

Chrysanthemums, strong plants, 2-in. pots, $2.50 per 100, $20.00 per 1000:

Mrs. Henry Robinson,	W. H. Chadwick,
Mrs. O. P. Bassett,	Polly Rose,
Gov. Beckham,	Col. D. Appleton,
White Bonnaffon,	Bouquet of Roses,
A. J. Balfour,	E. Dailledouze,
	Ivory.

NANZ & NEUNER, Louisville, Ky.

Chrysanthemums, rooted cuttings. Mrs. Coombe, $2.50 100. Black Hawk, Col. D. Appleton, Cremo, Estelle, Pacific, J. K. Shaw, John Shrimpton, Bonnaffon, Mrs. H. Robinson, Mrs. H. Weeks, Mrs. O. P. Bassett, Mutual Friend, October Sunshine, Polly Rose, White Bonnaffon, Willowbrook, $2.00 100.
Edw. J. Taylor, Southport, Conn.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pocket varieties. Send for list. Chas. H. Totty, Madison, N. J.

We have 600,000 chrysanthemums, 2½-in. pot plants and rooted cuttings. All the leading varieties. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum rooted cuttings. Maud Dean, Kalb, Ivory, Robinson and G. Pacific, $1.50 100. Robinson, Dean and Kalb in 2 and 2½-in., good, strong plants, $2.50 per 100. Cash.
W. T. Stephens & Co., Brookfield, Mo.

Chrysanthemums. Colonel Appleton, Major Bonnaffon, Mrs. Perrin, Minnie Wanamaker, Timothy Eaton, Viviand-Morel, Marion Newell, rooted cuttings, $1.25 100, $10.00 1000. Cash.
J. E. Felthousen, Schenectady, N. Y.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.
Chase & Son, New London, O.

Chrysanthemum cuttings, Major Bonnaffon, Mrs. Robinson, Golden Wedding, $1.00 per 100. Chadwick cuttings later.
Otto Hansen, Mont Clare, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums. 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Chrysanthemum White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Chrysanthemums, 2-in., best sorts, 40c doz., $2.50 100, $20.00 1000. New var., 2-in., $1.00 doz. Good & Reese Co., Springfield, O.

Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon chrysanthemums, $2.00 100.
W. W. Coles, Kokomo, Ind.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

Chrysanthemum rooted cuttings, leading standard varieties, $1.25 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

70 best varieties of chrysanthemums. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Chrysanthemums, young plants, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Cineraria maritima (candidissima), fine, strong plants, 2¼-in. pots, $2.50 per 100. Ready after April 1.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Surplus stock. Several hundred Cineraria maritima (white leaved Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

CLEMATIS.

Clematis, Holland-grown, large fig., $3.00 per doz., $25.00 per 100. Jackmani, Gypsy Queen, Henryi; Mme. Baron Veillard, pink; Mme. Edward Andre, red.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

CLEMATIS, 1-yr., strong, $10.00 per 100, $90.00 per 1000. Henryi, Jackmani, Lanuginosa candida, Mme. Baron Veillard, Mme. Andre, etc.
JACKSON & PERKINS CO., Newark, New York.

Clematis, H. P. roses, Hydrangea pan. grand. and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Clematis, strong 2 and 3 yr., $3.00 doz. C. paniculata, 2 and 3 yr., $1.00 doz. All outdoor grown. F. A. Baller, Bloomington, Ill.

Clematis paniculata, 2-in., 50c doz., $3.50 100. C. Jackmanii, 30c each, $3.00 doz., $20.00 100. Good & Reese Co., Springfield, O.

Clematis Jackmanii, field-roots, $12.00 per 100. Sample mailed for 15 cents.
O. H. Drew, Hibernia, New York.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COBAEAS.

Cobaea scandens, from flats, once transplanted, ready to pot, nice stock. $1.25 100, Cash.
Wm. Bierstadt & Son, Springfield, Ill.

COLEUS.

Coleus rooted cuttings, 15 bedding varieties, including Verschaffeltii and Golden Bedder. 60c 100, $5.00 1000; 2¼-in. pots, $2.00 100, $15.00 1000. All orders filled in rotation from April 1.
Central Michigan Nursery Greenhouses, Kalamazoo, Mich.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
N. O. Caswell, Delavan, Ill.

Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.
Frank A. Pierson, Cromwell, Conn.

Coleus in 10 choice var., 2-in., $2.00 100; $18.00 1000; rooted cuttings, $5.00 1000. Golden Bedder, Verschaffeltii, 2-in., $2.50 100; rooted cuttings, $6.00 1000.
Geo. L. Miller Co., Newark, Ohio.

Coleus Verschaffeltii, rooted cuttings, 75c 100 by mail; $5.00 1000 by express.
Rutledge Nurseries, Rutledge, Pa.

Coleus, 2-in., 20 best sorts, 30c doz., $2.00 100, $15.00 1000. C. Thyrsoidens, Christmas Gem, 2-in., 50c doz., $3.00 100.
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Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
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Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
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Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
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Coleus, 2-in., $2.00 100. Rooted cuttings, 75c 100, $6.00 1000. Cash.
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Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
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Coleus, 70c 100; $6.00 1000. Exp prepaid. Cash. S. D. Brant, Clay Center, Kan.

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NORWAY SPRUCE, twice transplanted, bushy; 2-3 ft., $7.00 per 100, $65.00 per 1000; 18-24 in., $5.50 per 100, $50.00 per 1000.
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Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

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Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.
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FLORACROFT strain prize gladioli.

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Scarlet maple	6 to 12 in.	.40	2.00
Scarlet maple	2 to 4 ft.	1.00	
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Sycamore	4 to 6 in.	.20	1.25
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Special offer in surplus trees. Ash, elm and linden, 3-5 ft., $3.00 100, $25.00 1000; 5-7 ft., $5.00 100, $40.00 1000, 7-9 ft., $8.00 100, $70.00 1000. All grown in our nursery in northern Minnesota. Cash with orders, 5 per cent discount and packing free.
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A few hundred choice trees of sugar maple and elm, 12 to 14 ft. Tulip poplar, sweet gum, American linden, 3 to 4 inch caliper. Spiraea Van Houttei, 3 to 4 ft. List of other stock, with prices, sent on application.
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Hibiscus, 10 leading sorts, dbl. and single, 2-in., 40c doz., $3.00 100, $25.00 1000. Peachblow, 2-in., 60c doz., $4.00 100.
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Honeysuckles, Hall's Japan, Chinese Evergreen, Scarlet Trumpet, Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000.
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Hollyhocks, Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.
Send for catalogue of hollyhocks, dahlias and hardy herbaceous plants.
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Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
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Hydrangea paniculata grandiflora, 3-4 ft., XX, $12.00 100; 3-4 ft., X, $10.00 100; 2-3 ft., $7.00 100; 18 in. to 2 ft., $6.00 100.
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English Ivy, 3-in., $3.50 100. Cash.
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German Ivy, 2½-in., $2.00 per 100.
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Jasmines Grand Duke, Cape, 2-in., 50c doz., $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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Lantanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

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Lemon ponderosa, 2-in., 50c doz., $3.00 100; 15 in. high, 3-in., $1.00 doz., $8.00 100; 20 in. high, 4-in., $1.50 doz., $12.00 100; 36 in. high, 6-in., $5.00 doz.
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Calla lily of the Nile, Little Gem; yellow and spotted callas. Send for prices.
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Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
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The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
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Lily of the valley pips, the largest and finest imported. Special price.
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Cut lily of the valley of good quality always on hand.
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Magnolia fuscata, well set with buds, 15 inches high, 20c each; 2 ft., 40c each; 3 to 4 ft., 75c each. Sweet ollves, the same sizes and prices. Cash with order.
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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
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Ipomaea mexicana (Mexican morning glory), strong 1 and 2-yr.-old roots, $1.75 doz. Cash.
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Moonvines, blue and white. Send for prices.
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Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
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Orchids. You get your money's worth by buying collected plants. We receive consignments from our collectors of all the best florista' sorts. Send your address and get notice of all arrivals.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

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Cattleya Trianae, established and unestablished. Address
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	Per 100.	Per 1000.
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Chamaerops excelsa, 2½-in.	2.00	
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Latania borbonica, Kentias Forsteriana and Belmoreana, Phoenix canariensis and Washingtonia filifera. Send for prices.
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Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
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Palms and other decorative plants.
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Philadelphia-grown palms.
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PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size and greatest variety of rich and rare colors and markings. Every variety worth growing, including all the giant sorts, are in this strain and they were grown from seed specially selected from the finest flowers of each sort. Fine stocky, hardy, field-grown, seed-bed plants, sowed thinly, just coming in bud, all varieties mixed, $4.00 per 1000; 500, $2.25. Cash with order. Pansies a specialty for 20 years.
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250,000 pansies ready to go out in the world at an hour's notice as soon as frost is out of them. Cold frame and field-grown Giant mixed, strong, fall-transplanted, $8.00 per 1000; $1.00 per 100. Separate colors same price. Florists' International contains blend of the most striking and rarest new varieties from home and abroad. I aim to have a mixture which cannot be beaten. Strong, fall-transplanted, $10.00 per 1000. Bushy, fall-transplanted, some in bud and bloom, $15.00 per 1000. Cash with order, please.
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Pansy plants, ready April 10, budded or in bloom; $1.50 per 100—Vick's Superb Giant Pansy Mixture, Dreer's Royal Exhibition, Giant Trimardeau. They are stocky, vigorous, transplanted plants.
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Pansies. Prize strain of Bugnot, Cassier and Odier; large plants once transplanted, 50c 100; $3.50 1000; extra large, coming in bud, $1.00 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

Pansy plants of my largest flowering mixture of show varieties; unsurpassed quality; large, stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

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Pansies, 2½-in. Giant-flowering, mixed, $1.50 per 100. A. B. Campbell, Cochranville, Pa.

Pansies, $1.00 100, $8.00 1000. Cash, please.
Converse Greenhouses, Webster, Mass.

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Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
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Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kan.

100 pelargoniums, 2-in., $3.00. Cash.
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PEONIES. Send to me for all your wants. Largest list of tested varieties in the United States. All stock true to name. Descriptive catalogue mailed on request.
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Peonies. Sinensis. Queen Victoria, Dbl. White, 12c; Officinalis, Pink and Red, 3 eyes and up, 12c.
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Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
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Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
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Petunias. White or pink .....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
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Petunias, dbl. fringed. Ten novelties from Dreer's latest set, R. C., $1.25 100. Cash.
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Surplus stock of Dreer's single, large flowering petunias, 60c 100, $5.00 1000. Cash.
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Double-fringed petunias, 2-in., $2.00 100.
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Petunias, mixed, 2½-in., $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

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Primula Forbesii, Baby primrose, 2-in., 50c doz., $2.50 100.
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Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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CALIFORNIA PRIVET.	1000.
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18-in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

California Privet.	Per 1000.
25,000, 2½ to 3½ ft., very bushy	$25.00
25,000, 2 to 2½ ft., bushy	20.00
25,000, 18 to 24 ins.	16.00

All orders are for cash.
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Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Rhododendron ponticum, 40c each.
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Rhododendrons, large plants, $90.00 100; specimens, $150.00 100.
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Rooted cuttings at 50c per 100, dwarf blue lobelias. At 75c, dbl. sweet alyssum, annual pinks, single mixed; double, red and white; hardy pinks (cyclops). At $1.00, dbl. yellow dais, heliotrope. Salvia Silverspot, weeping lantanas, feverfew, vincas light or dark varg.; large-flowering Marguerites, yellow and white; English and German ivy, artillery plant, cigar plants, Venus' hair and Abutilon Savitzii. At $2.00, the new ivy geraniums, Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, big 3-in. Sprengeri, vincas and Boston runners.
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Rooted cuttings. Ageratums—Gurney, Panline; Coleus—Verschaffeltii, Golden Bedder and 10 other kinds; Alternantherns—red and yellow, 50c 100. Double petunias—15 kinds, $1.00 per 100. Salvias—Splendens, Bonfire, Silver Spot; Stevia var., 90c per 100. Hardy pink—5 best kinds; Vinca var., 75c per 100. Fuchsias—5 kinds. Lantanas—Harkett's Perfection and trailing. Heliotropes—blue, $1.00 per 100. Rex begonias, asst., $1.10 per 100. Prepaid. Cash.
Byer Bros., Chambersburg, Pa.

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	6.00	50.00			

ROSE CUTTINGS. Well rooted.

	100.	1000.		100.	1000.
Ivory	$1.50	$12.50	G'den Gate	$1.50	$12.50
Maid	1.50	12.50	Perle	1.50	12.50
Bride	1.50	12.50	Sunrise	3.50	30.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Roses, American Beauty, rooted cuttings $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

Rose plants, strong, 2½-in. stock.

	100.	1000.		100.	1000.
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridemaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise	8.00	70.00
Liberty	8.00	70.00	G. Gate	7.00	60.00

The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.

Rose plants, strong 2½-in. stock, Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Bride and Maids, 3-in., $5.00 100, $40.00 1000. Chatenay, 2½-in., $5.00 100, $45.00 1000; 3-in., $6.00 100, $55.00 1000.

John Brod, Niles Center, Ill.

FIELD-GROWN ROSES on own roots. Crimson Rambler, 1-yr., 18-24 in., fine, $6.00 per 100, $55.00 per 1000. Dorothy Perkins, 1-yr., 18-24 in., $10.00 per 100; 2 yrs., strong, $15.00 per 100. Mme. Plantier, 3-4 ft., extra strong, $6.00 per 100. Caprice and Magna Charta, extra strong, $8.00 per 100. La France, No. 1, $10.00 per 100. Send for list of other varieties.
JACKSON & PERKINS CO., Newark, New York.

ROSE PLANTS, 2½-INCH STOCK.

	100.	1000.		100.	1000.
Brides	$3.00	$25.00	Kaiserins	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rose plants, 2-inch stock.

	100.	1000.		100.	1000.
Bridesmaid	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00			

Rooted rose cuttings.

Bride	1.50	12.50	Maid	1.50	12.50
G. Gate	1.50	12.50	Ivory	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses, low-budded, all Holland-grown. Climbing, all 4 to 5 ft. Crimson Rambler, Pink Rambler, White Rambler, Seven Sisters, Queen of the Prairie, Baltimore Belle, per 10, $2.50; per 100 ass't, $20.00. H. P. roses in 14 varieties, per 10, $1.30; per 100 ass't, $11.00.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

The grand new red rose, Etoile de France (hybrid tea), the queen of the red roses for forcing, is a brilliant color and is much more vigorous and is easier to grow than Liberty. Description, prices and condition of sale sent free on application to the raiser.
J. Pernet-Ducher, Venissieux, Lyons, France.

AMERICAN BEAUTIES, clean, healthy stock.
2-in., $5.00 per 100; $40.00 per 1000.
3-in., $6.00 per 100; $50.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Franz Deegen, $18.00 per 100.
Ready now.
S. J. Reuter, Westerly, R. I.

Grafted roses, stock in perfect condition and can make immediate shipment. Bride and Bridesmaid, 2½-inch stock, $12.00 100; $100.00 1000. American Beauty, stock, 2¼-inch pots, 3000 ready for immediate shipment, 3000 in two weeks, $6.00 100; $60.00 1000.
Edw. J. Taylor, Southport, Conn.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

Roses, 150,000 field-grown and in pots. Send for our list and prices.
Elizabeth Nursery Co., Elizabeth, N. J.

H. P. roses, leading market varieties, $10.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Brides and Maids, $12.00 per 100; Liberties, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses. 2-yr.-old dormant plants of Yellow Rambler, Gardenia, Wichuraiana, Universal Favorite, Manda's Triumph, Evergreen Gem and South Orange Perfection, 6c each, $5.00 100.
Iowa Seed Co., Des Moines, Iowa.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Roses from 2½-inch pots. 1000 Golden Gate, 1000 Ivory, a few Bride and Bridesmaid. Fine stock, free from any disease at $3.00 per 100. Guarantee stock all O. K.
Fostoria Floral Company, Fostoria, Ohio.

Rose plants, fine, healthy and strong, from 2-in. pots—Brides, Maids, $2.50 100, $20.00 1000. Sunrise, $4.00 100.
Old plants of Liberty and Sunrise for sale in June. E. T. Grave, Richmond, Ind.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Grafted roses, 20,000 Brides and Maids, on imported Manetti stocks and nothing used but healthy, flowering wood, $120.00 1000.
Wm. A. Leonard, Lansdowne, Pa.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine dishudded plants. Prices and samples upon application.
Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses, 700 American Beauty plants, 2½-in.; good stock. Will sell cheap or trade for young chrysanthemums. Write.
Ben. L. Elliott, Cheswick, Pa.

10,000 Bridesmaid cuttings, strongly rooted, $1.50 100; $12.50 1000. Bride, rooted cuttings, $1.50 100; $15.00 1000.
H. S. Courtney, Sparkill, N. Y.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., 6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

600 grafted Kaiserin roses in 3-in. pots. Extra fine stock. $15.00 100. Cash with order.
J. Henry Bartram, Lansdowne, Pa.

Roses, 2-in., leading sorts, 50c doz., $3.00 100; 4-in., $1.25 doz., $10.00 100.
Good & Reese Co., Springfield, O.

Brides, Maids, Ivory, Perle, fine 2½-in. stock, $3.00 100; Beauties, $5.00 100.
J. F. Ammann, Edwardsville, Ill.

150,000 2¼-in. roses—Maids, Brides, Gates, Ivory, $4.00 100; $35.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

Rubber plants, 10 to 15 in. high, $3.00 doz.
Geo. L. Miller Co., Newark, Ohio

SALVIAS.

Holt's Mammoth sage, plants out of 2½-in. pots, 60c doz., 25 plants for $1.00 postpaid; by express not prepaid, 100 for $2.75, 500 for $12.00. Cash with order.
Livingston Seed Co., Columbus, O.

Salvias, Bonfire, Silverspot and splendens, 2¼in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias splendens and Bedman, rooted cuttings, $1.25 100, $10.00 1000. 2½-inch, $2.00 per 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

Salvia Bonfire, transplanted seedlings, 60c 100; $5.00 1000. Cash.
Edw. Eggert, 42 Whiting St., New Britain, Conn.

Salvia splendens, President and Fireball, 2-inch, $2.00 100. Cash.
C. P. Dieterich & Bro., Maysville, Ky.

Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 per 100.
E. B. Randolph, Delavan, Ill.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

SEEDS.

ASPARAGUS SEED—CROP 1903.
Plumosus nanus, original and true type, 100 seeds, 90c; 1000, $7.00. Special price on quantity.
Plumosus robustus, new type, strong and rapid grower, best for cutting. 100 seeds, $1.00; 1000 seeds, $9.00.
Sprengeri, 15c per 100; $1.00 per 1000; $4.50 per 5000.
Best quality of flower seeds for florists. Send for catalogue.
MOORE & SIMON, Seedsmen, 207 Market St., Philadelphia, Pa.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophyla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Gundalupe Island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

SURPLUS SEEDS. We have filled our contract orders and now offer the following surplus stocks, crops of 1903: Asparagus—Barr's Mammoth, Palmetto and Conover's Colossal. Cucumber—White Spine and Long Green. Tomato—Paragon, Favorite, Perfection, Ponderosa and Stone. Okra—White Velvet and Dwarf Green. Pepper—Bull Nose and Sweet Mountain. Cabbage—Premium, Flat Dutch and All Season's Watermelon and Cantaloupe. Send for price list.
Wm. R. Bishop, Seedsman, Burlington, N. J.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

To introduce the celebrated
LONG ISLAND CABBAGE SEED
I will mail FREE one packet Early, Second Early, Summer, Fall or Winter, and for 10 cents I will add four ¼ oz. packets.
FRANCIS BRILL, Hempstead, L. I., N. Y.

Asparagus plumosus seed, new crop, greenhouse grown, will germinate nearly 100 per cent, $1.00 100; $7.50 1000. Asparagus Sprengeri seed, new crop, 15c 100; $1.00 1000. Special price on large lots. Send for catalogue.
H. F. Michell Co., 1018 Market St., Phila.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.
C. Host, opp. Greenwood Cemetery, New Orleans, La.

Our seed catalogue describes the largest collection of flower seeds offered in England, including many rare species not to be obtained elsewhere. Free on application. Thompson & Morgan, 5 Carr St., Ipswich, England.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash, with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Asparagus plumosus nanus seed, fresh from the vines, every seed germinating, 75c 100, $5.50 1000, $45.00 10,000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New Loudon, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

MOTT'S HIGH-GRADE SEEDS.
Send for price list; it will pay you.
WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000, 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 Asparagus plumosus nanus seeds at $5.00 per 1000. Cash with order.
L. Ullrich, Tiffin, Ohio.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $6.50 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SMALL FRUIT PLANTS.

The GIGANTIC EVER-BEARING BLACKBERRY bears from 50 to 100 gals. of fruit in one season, from the middle of July until frost sets in; grows 30 to 50 ft. long; can be laid down and covered over in winter. Plants 50c each. Cash with order.
E. Vallet, Box 205, Nauvoo, Ill.

The McPIKE GRAPE. Send to headquarters for genuine vines. Largest, hardiest, most delicious, most prolific grape known.
Edwin H. Riehl, North Alton, Ill.

SMILAX.

Smilax plants from flats, 30c per 100, postpaid; 2-in. pot plants, $2.00 per 100.
Wheeler Floral Co., Mason City, Ia.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax from flats, 30c per 100 by mail; $2.50 per 1000. Cash with order.
Joseph Wood, Spring Valley, N. Y.

Smilax seedlings, 20c per 100, $1.50 per 1000, or will exchange.
Howard Miles, Parkersville, Chester Co., Pa.

Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRÆAS.

Spiraeas. Send for our list of varieties and prices. Elizabeth Nursery Co., Elizabeth, N. J.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.
TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
LETTUCE—Plants, ready April 1, 40c per 100, $3.50 per 1000. Improved Simpson, Grand Rapids, New Morse.
CELERY—Plants, ready June 1, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or over. Golden Self-Blanching, two strains, one more dwarf than the other; Improved White Plume, Winter Queen, Giant Pascal.
CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.
PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.
PANSY—Plants, ready April 10, budded or in bloom, $1.50 per 100. Vick's Superb Giant Pansy Mixture, Dreer's Royal Exhibition, Giant Trimardeau Mixed.
The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

Cabbage—Winningstadt, Succession, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Tomato plants. Perfection, Ponderosa, Matchless, nice plants, 25c per 100 by mail.
A. Relyea & Son, Orchard Place Greenhouses, Poughkeepsie, N. Y.

VEGETABLE PLANTS—Continued.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100; $1.25 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. All plants are transplanted; free from disease and insects. J. Wakefield, Charleston and Early Summer cabbage, and Grand Rapids lettuce plants, $2.50 per 1000. Beauty, Stone and Henderson tomato plants, and Moss Curled parsley plants, $4.00 per 1000, express not prepaid.
Small mailing size, not transplanted, one-half price of transplanted plants, we pay postage.
Warrick Bros., 498 Locust Ave., Washington, Pa.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, J. & S. strain, from seed bed, separate colors or mixed, 35c per 100, $3.00 per 1000, postpaid.
Harvey B. Snow, Camden, New York.

Verbenas, from seed bed; scarlet, blue, white and mixed, 35c per 100, $3.00 per 1000, postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Fancy Mammoth, mixed verbenas, from seed bed, ready to pot, 40c per 100; 300 for $1.00, postpaid. A. B. Campbell, Coebranville, Pa.

VERBENAS, mammoth, extra bushy, 2½-inch, in bud, $2.00 per 100, $15.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $4.50 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Verbenas, rooted cuttings, 75c 100; $5.00 1000.
H. S. Courtney, Sparkill, N. Y.

Verbenas, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

VIBURNUMS.

Viburnum opulus, 3 to 4 ft., $3.00 per doz., $20.00 per 100.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

VINCAS.

Vincas, white and green var., 2-in., $2.00 100; 3-in., $6.00 100; vinca variegated green, 2-in., $2.00 100; 4-in., $6.00 100.
Geo. L. Miller Co., Newark, Ohio.

Vinca Major variegata, 2-in., $2.50 per 100; rooted cuttings, $1.00 per 100, $10.00 per 1000. If by mail add 10c per 100.
L. Mosbaek, 8500 Anthony Ave., So. Chicago.

300 vincas, variegated and green, strong, 4-in. pots, $8.00 per 100. Cash with order.
Carl Petersen, cor. Stryker Ave. and Annapolis St., St. Paul, Minn.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100. Rooted cuttings, 75c 100, $7.00 1000. Converse Greenhouses, Webster, Mass.

Vinca variegata, out of 4-in., very strong, $7.00 100. Vinca rooted cuttings, $1.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Vincas, cut from bench, for 5 and 6-in. pots, 5c; second size, half price.
C. J. Sanford, Unionville, Conn.

Vinca var., out of 2-in. pots, $2.00 100, $17.50 1000; 4-in. pots, $6.00 100.
C. M. Niuffer, Springfield, Ohio.

Vinca variegata, 4-in., long vines, $1.00 per doz., $8.00 per 100.
Geo. H. Benedict, Yorkville, N. Y.

Vinca Major var., 2-in., 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Vinca variegata, 2½-inch, $2.00 100, $18.00 1000. J. E. Felthousen, Schenectady, N. Y.

Vinca var. vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIOLETS.

Marie Louise violets, fine large clumps with plenty of runners to propagate from; grown very cold. Splendid stock; come and look at them—18 miles from New York City. $5.00 100; $35.00 1000. 10c for sample. All plants shipped without soil. Cash, please.
Geo. T. Schuneman, Baldwins, L. I., N. Y.

Violets. I make a specialty of violets and if you want good, clean violet stock write for price. I can supply any quantity of rooted cuttings or in 2-inch pots to be delivered any time you want them. Swanley White, Marie Louise and Lady Campbell.
Eli Cross, Grand Rapids, Mich.

Princess of Wales violets are the best violets to grow and I have the best stock in the country. Strong, transplanted stock. May delivery, $2.00 100, $15.00 1000; 500 at 1000 rate.
WM. SIM, Cliftondale, Mass.

Marie Louise, unrooted cuttings from clean, healthy plants, $4.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
A. Relyea & Son, Orchard Pl., Poughkeepsie, N. Y.

Violets, strong and healthy, free from any disease, Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

Strong Marie Louise and Farquhar violet clumps, fine stock. Give quantity wanted and ask for quotations.
The Chatham Floral Co., Chatham, N. Y.

Violets. Princess of Wales, field-grown, well-rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash.
Ocean Park Floral Co., Ocean Park, Cal.

Strong field-grown Russian violet plants. $1.00 per 100; $8.00 per 1000, f. o. b. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Violets R. Heads, P. of Wales, $10.00 1000. Campbell, rooted runners, $6.00 1000.
Converse Greenhouses, Webster, Mass.

Marie Louise violet cuttings, sand rooted, $10.00 1000; unrooted, $8.00 1000.
A. Lanh & Son, Hughsonville, N. Y.

Violets, California, Luxonne and Lady H. Campbell. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

California, $1.25, Russian, $1.00 per 100.
H. L. Farrar, 619 Belknap, San Antonio Tex.

WATER LILIES.

DREER'S AQUATIC PLANTS.
HARDY AND TENDER WATER LILIES, NELUMBIUMS, VICTORIAS, ETC.
We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well-known standard varieties and all desirable American and foreign novelties. Those contemplating planting these plants can have our advice for the asking.
HENRY A. DREER, Philadelphia, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

MISCELLANEOUS.

Double petunias, vincas, heliotrope, salvias, coleus, chrysanthemum cuttings, etc. Good stock. C. W. Blatchley, Plantsville, Conn.

Cuphea, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

TO EXCHANGE.

To Exchange—Or for sale, 1000 2 to 3-yr.-old Clematis paniculata, all well-established pot-grown plants, $2.00 to $3.00 per 100. Will exchange for good young roses, blooming and Rex begonias, B. Poitevine or S. A. Nutt geraniums; Tuberose, The Pearl or good gladioli, or what have you? C. G. Nanz, Owensboro, Ky.

TO EXCHANGE.
WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

To Exchange—Scott carnation, fine, strong rooted plants; gladiolus, all colors; French cannas, standard varieties, for bedding plants, ferns, etc. A. Urig, Alliance, Ohio.

To Exchange—Will exchange 2½-in. Gloire de Lorraine for A No. 1 rooted cuttings of Lawson and Gov. Wolcott carnations. Write for exchange price. M. A. Barick, Seymour, Ind.

To Exchange—Bride and Bridesmaid roses, 2½-in., good, healthy stock, for rooted cuttings of Enchantress carnations.
Jos. Kift, West Chester, Pa.

To Exchange—California calla bulbs for ferns, lily of valley or tuberous begonias.
Mrs. A. K. Bennett, Modesto, Cal.

BASKETS, ETC.

Baskets, Puerto Rico Mats, etc.
Franz Birnstiel, Coburg, Germany.

CUT FLOWER BOXES.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Sheep manure. I have now on hand a large quantity of A1 sheep manure. Send for price list and sample. Best fertilizer for top dressing.
Geo. Rippenger, 207 Academy St., Long Island City, N. Y.

Pure sheep manure, dried, pulverized and unpulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

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Galax, bronze or green, and small green galax for violets.
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PIPING.

My plan for piping a greenhouse is the uphill system for hot water, but there is a party here who argues that this is wrong and wants me to pipe it with all the pipes running down hill. Which is right? E. R. T.

Both the up hill and down hill systems are in use for hot water heating. The up hill system, i. e., an arrangement which makes the highest point in the riser at the most distant point in the system, is most commonly employed. It is a slightly more efficient system than the other, as it places a heavier column of water upon the boiler and at the same time causes the water to become somewhat hotter, especially at the far end of the run than in the down hill system.
L. C. C.

MIGNONETTE.

A. Hemsley, writing in the Gardeners' Chronicle, says that mignonette when well grown is one of the continuously salable market plants. Machet is now the general favorite for pot culture, and some growers also use this for providing flowers for cutting; but he has found Vilmorin's Grandiflora more satisfactory for planting out, the spikes being close and compact and very sweet-scented. It is not always that the true varieties can be obtained. Most growers select and save their own seed, but when buying it will pay better to get seed from the most reliable source, even if the price is much higher.

BRUNNER, Tex.—T. F. Hudson, proprietor of the Bryn Mawr Nursery, reports trade increasing to such an extent that additional facilities will be required and is erecting two new greenhouses 24x140, with steam heat. He will grow carnations and roses in them.

WORLD'S FAIR FLOWER SHOWS.

In the series of flower shows to be held at the St. Louis World's Fair all sufficiently meritorious displays will receive a reward. The first will be a diploma, the next a bronze medal, the next a silver medal, and the highest a gold medal.

Suitable vases will be furnished by the Exposition management and exhibits will be properly staged where exhibitors do not personally attend. Judges will be chosen from the most eminent specialists for the respective displays.

All exhibits must be correctly and legibly labeled. Exhibits must be prepaid to the exposition grounds. The superintendent will be empowered to remove any exhibit that is no longer attractive.

A business card not to exceed 9x6 inches may be displayed with each exhibit.

The first of these flower shows is to be of carnations, May 1 to 8. The classes are as follows:

Class 1, Vase 50 blooms Red.
Class 2, Vase 50 blooms White.
Class 3, Vase 50 blooms Pink (Light).
Class 4, Vase 50 blooms Pink (Dark).
Class 5, Vase 50 blooms Crimson.
Class 6, Vase 50 blooms Yellow ground, variegated.
Class 7, Vase 50 blooms White ground, variegated.
Class 8, Vase 25 blooms, varieties introduced in 1900 and 1901.
Class 9, Vase 100 blooms, not less than 5 varieties, arranged for effect.
Class 10, General display of blooms, any variety or quantity.

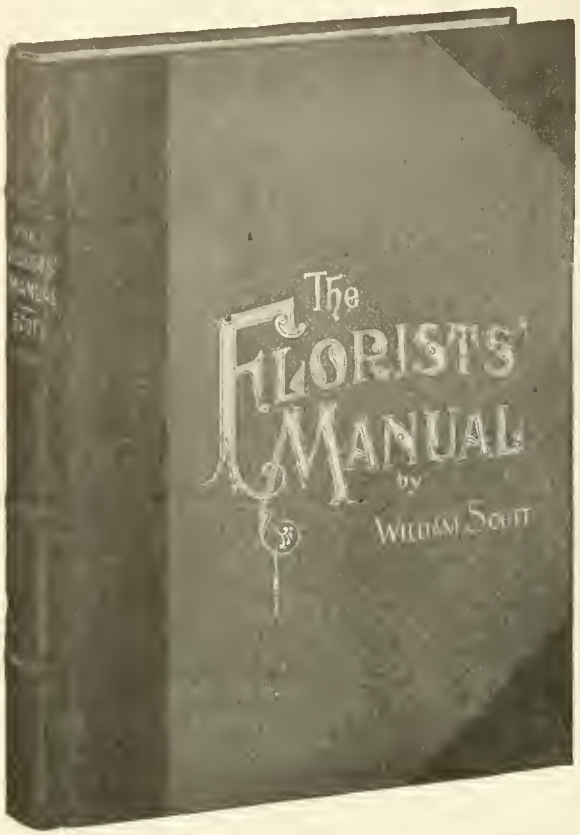
Entries must be received by superintendent not later than April 27. Entries must be in place not later than noon of the opening day. Any exhibit in one class will not be considered as competing for award in other classes.

EVERLASTING FLOWERS.

In judging on everlasting flowers (dried) would grasses properly be classed as everlastings? If not would they disqualify the bouquet containing them from competition? SIGMA.

The term "everlasting" is generally associated with such flowers as helichrysum, statice, gnaphalium, etc. These flowers need no special treatment to enable them to keep for years. They, with a few other so-called everlastings, are bleached and dyed in various colors, but that does not make them any more everlasting. The pampas grass plumes, or any of our nature grasses that will keep naturally without any artificial preparation, are as much everlasting flowers as any of them and most decidedly can be used in a bouquet for competition where a premium is offered for everlastings. A bouquet of everlasting flowers without grasses, if restricted to our native everlastings, would be very scant. What I mean by artificial preparation would be such as fern fronds preserved, because they are not naturally lasting unless preserved between paper or by cold storage, etc., and that would not do. But any flower that keeps naturally in good condition when dry is classed as an everlasting flower. W. S.

URBANA, O.—The business of C. A. Reeser, which was in the hands of a receiver, has passed into the hands of Mr. Reeser's brother-in-law, C. H. Hiser. Mr. Reeser will continue as manager.



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The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

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Agave
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Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
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Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
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Browallia
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Grasses
Greenhouse Bldg
Grevillea robusta
HardyPerennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
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Impatiens
Insecticides
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Koeniga
Lantana
Lapageria
Lawns
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Lilium
Lily of the Valley
Linum trigynum
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Maoures
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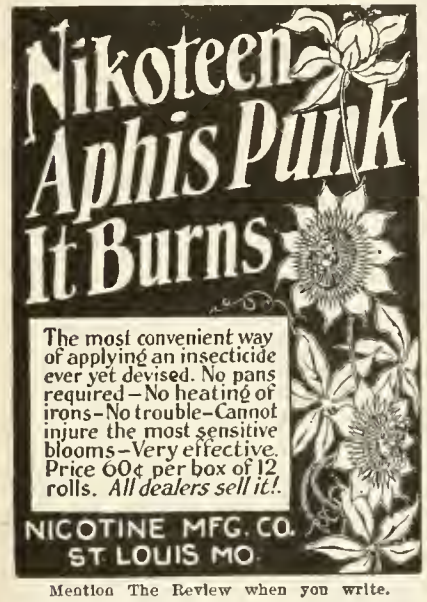

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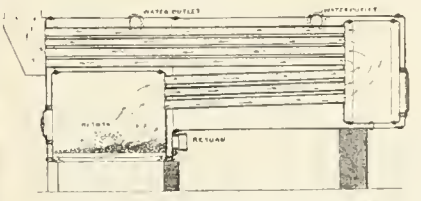

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GRAND RAPIDS.

The weather was cold, raw and miserable with two inches of snow Saturday morning, but cleared off about 10 o'clock and with bright sunshine made a fine day for the florists.

Carnations were in great demand and were remarkably scarce. When Saturday morning came no flowers were obtainable to fill shipping orders. Roses were also scarce. While there was plenty of bulbous stock, a great deal was spoiled by being encased in ice and taking too long to get out. Many batches of hydrangeas, spiraea, lilacs and Ramblers missed Easter. Lilies landed just about right and were of fine quality and sold well. Violets were plentiful and popular. In plants the lily, of course, led, with azaleas and rose bushes next. Spiraeas, deutzias and Ramblers were everywhere in evidence; enough to supply all demands. Had it not been for floods and a series of calamities that befell the city, business would have been better, but as it was it was equal to that of last year and very satisfactory. G. F. C.

POMONA, N. C.

Easter trade this year was the best we have ever had. Everything sold out clean. Good demand in all lines, but most noticeable for violets and carnations, also valley. More calls for flowering plants in pots than we ever had. Easter lilies were the only thing not so much wanted. There is a new custom in this part of the country, very much to be commended, the placing of flowers and funeral designs on the graves of relatives and friends on Easter Sunday. Through this custom we cleaned up all our short-stemmed flowers and other things not suitable for other purposes. The weather was ideal for the season, and no doubt it helped out a lot to make the sales greater than we ever had before. We have been visited by a few frosts here, but not enough to injure the fruit, which is now in full bloom.

York City, Pa.—C. E. Smith reports this the best Easter on record, with demand considerably in excess of last year, but plenty good stock on hand. Casper Henkel also reports a good business. He inaugurated the Easter season with a reception on Tuesday, which attracted a large number of visitors.

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A CONCENTRATED LIQUID FUNGICIDE.
Directions—1 quart of solution to 25 gallons of water.
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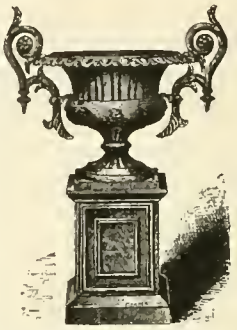

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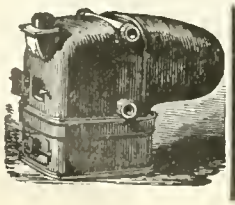

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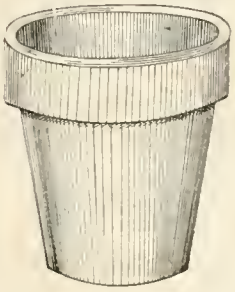

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NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

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DES MOINES, IA.—Andrew Loeffler swallowed poison April 5 after being held to the grand jury on the charge of assaulting his wife with intent to commit murder. She had sued him for divorce.

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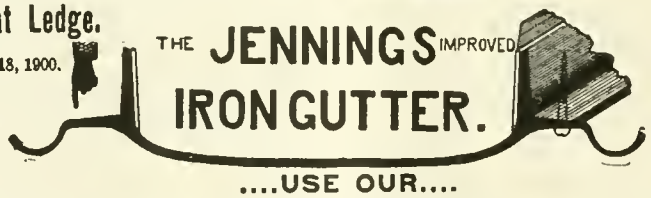

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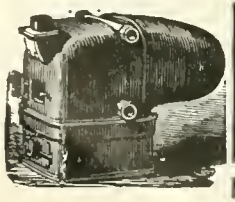

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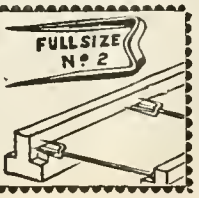

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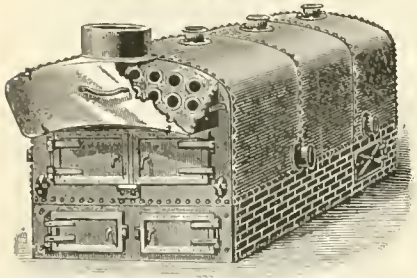

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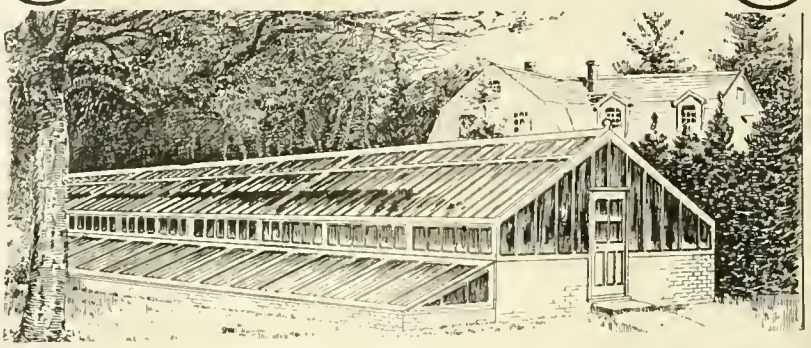

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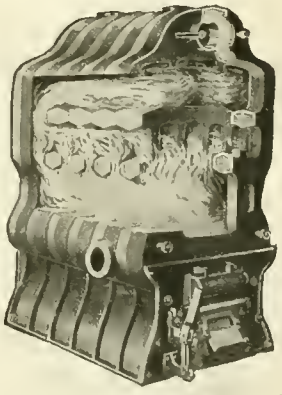

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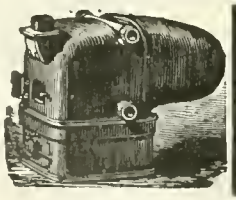

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIII. CHICAGO AND NEW YORK, APRIL 14, 1904. No. 333.

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" " "	3-in.	1.00	6.00
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Acalypha Sanderi, $25.00 per 1000	2-in.	.50	3.00
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Lemon Ponderosa, the greatest of all plants for florists; blooms and bears enormous-sized fruit; easily handled, $25.00 per 1000	2-in.	.50	3.00
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All white and light	.30	1.75	15.00
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Gloxinias, white, blue, violet, tigered separate	.50	3.50	30.00
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All colors mixed	.40	2.75	25.00
Tuberose Excelsior Pearl, 4x6-inch, superb quality	.10	.80	6.50
3x4-inch, " "	..	.40	3.00
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Japan Maples, especially fine for pots, jardinieres and window boxes. Our choice in red, yellow and variegated sorts; **finest** and **hardiest,** 18 to 30 inches, per dozen, $5.00; per 100, $35.00.
Cycas Revoluta, Long Leaved; same stock we have imported since 1880. 10 lbs., $1.00; 100 lbs., $8.00; 1000 lbs., $60.00.
Asparagus Plumosus Nanus Seed—To dispose of an unexpectedly large crop, we offer, as long as stock lasts, 100 seeds, 65c; 1000 seeds, $5.00; 10,000 seeds, $45.00.
Asparagus Sprengeri, 100 seeds, 15c; 1000 seeds, $1.00; 10,000 seeds, $7.50.
Asparagus Decumbens, beautiful bluish green, splendid grower, 100 seeds, 75c; 1000 seeds, $6.00.
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Areca Lutescens, due in May! 100 seeds, 75c; 1000 seeds, $6.00; 10,000 seeds, $50.00.
Kentia Belmoreana or **Forsteriana,** 100 seeds, 50c; 1000 seeds, $3.00; 10,000 seeds, $25.00.

FROM COLD STORAGE.

Empress Lily of the Valley, 1000, $12.00; case of 2,500, $25.00.
Lilium Harrisii (Bermuda). 5x7-inch, case of 400, $7.00; 2 cases, $12.00; 6x7-inch, case of 300, $7.00; 2 cases, $12.00.

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MISCELLANEOUS SEASONABLE HINTS.

Guaranteeing Hardy Stock.

Many florists have to dabble a little in herbaceous plants, shrubs and ornamental trees, and it is not a bad business, either, for there is a liberal margin between the price at which you can buy them from a reputable nurseryman and what you are justified in charging your customer. I believe it is a good plan, in the case of herbaceous plants and deciduous shrubs, to sell them with a guarantee that they will live providing you plant them. You will get a better price, your customer will know that you will be anxious to do your best and you need not lose one per cent. With the nursery sizes of deciduous trees of the ordinary kinds, such as elms, poplars, lindens, chestnuts, maples, etc., you can do the same.

But there are a few fine trees you cannot guarantee to live and grow, notably the salisburia (maidenhair tree) and the tulip tree. Not that there is any difficulty in getting these trees to grow, but there is a difficulty in getting them in the right condition to transplant. If a nurseryman transplanted a young salisburia when it was three or four feet high, root pruned it and you bought it the following year, yes, or even in two or three years, when it was eight or nine feet high, you could plant it on your patron's lawn with all the confidence that you shift a geranium from a 3-inch to a 4-inch pot. But if the nurseryman planted his nursery row of salisburias when they were six inches high and never moved them till they were eight feet high, then it would need great care in digging and a like amount of care in transplanting and nursing to keep it alive in its new position, simply because in digging it you could get but few, if any, working roots.

The same can be said about the so-called evergreens. You can't afford to guarantee their living; you can only do your best, just for the same reason, that too many nurserymen leave their Norway spruces or Austrian pines growing too many years without a move. Things are, however, improving in this line. Transplanting is labor, the greatest expense item of the nurseryman, yet many are transplanting, and they have to charge for their trees and evergreens more than the careless firm. So when buying those things which your customer wants for a permanent adornment to his home, the first cost should not be considered. Don't put yourself in the place of the tree peddler who never desires to see a customer the second time on this earth.

Herbaceous Plants.

As soon as the ground can be dug is the time to plant or divide and transplant all of them. As their name implies they are hibernating during winter and before the warm days of spring start them into growth the less will they feel the loss of roots when moving. As all or nearly all the herbaceous plants are perennials and necessarily remain in one spot for several, perhaps many, years, it follows that whether for your own cultivation or for your customer's hardy garden the ground should be dug deep and well enriched.

I must admit that there are few of the well-known herbaceous plants that are profitable for our cut flower trade. But there are a few and of these the peony stands, of course, first. Short as its season is, it is gorgeous for a few weeks. The wonderful varieties of Delphinium formosum are fine, even if it is only to decorate your store windows in midsummer. Pyrethrum roseum is a great favorite with cut flower buyers and, both in form and variety of color, there are now some wonderful varieties. The smaller-flowered, single helianthuses are useful, and so is the little, low-growing, white Achillea The Pearl. Coreopsis lanceolata is a florists' flower and so is the fall-flowering Anemone japonica and the variety Whirlwind. Fine plant as the hardy herbaceous phlox is for a border, we never found any use for it when cut; it drops too quickly. I think it would pay us all to have a good planting of Tritoma Pfitzeri. Remember this is a great improvement over the old T. uvaria. The former flowers continuously till frost cuts it off.

The above few are only a fraction of the many plants of this class that you may be asked to supply your customer. These people whose refined tastes will admire the many interesting herbaceous plants will not expect a show of bloom at all times, but an interesting succession throughout the season.

Hardy Flowering Shrubs.

These, like the herbaceous plants, should be planted just as soon as the ground is dry and workable. There is a good deal to say about pruning shrubs, a little of which I will say later, but never mind what species they are, or however well rooted they may be, don't fail to shorten back at least a third of last year's growth when transplanting. If you don't the sap, which is not overplentiful after transplanting, will seek the ends of the growths, eyes lower down will not break and you will always have a scrawny, naked bush. Don't think you lose anything by pruning hard when planting; before fall you will have a bigger and an infinitely better shaped plant than if you had not pruned it. One of the great mistakes you see constantly made by people planting a privet hedge, is that they will plant good young stuff, perhaps thirty inches high and then cut them back to fifteen or eighteen inches. Cut them back to six inches and you will have laid the foundation for a hedge worthy of the name.

Hybrid perpetual roses can be classed as flowering shrubs for the purpose I am writing about and many thousands of these will be planted this spring, only to be disappointing. Like the privet hedge, they should be cut back to within a few inches of the ground. Then you will get a strong, vigorous growth and even some flowers this summer. If pruned back next spring, allowing three or four eyes on the previous summer's growth, you will get fine roses and lots of them. Too many planters just dig a hole for the roots of their shrubs or roses and fill in with the dry soil, trusting to a rain "soon" to settle the soil around the roots and start them into growth. If you want success, that is not the way to get it.

I have often said there is only one way to plant an oak, a rose or a geranium, and I have seen no reason to alter my opinion, particularly with a tree or shrub. Remember it takes a copious rain to go down four or five inches, much less a foot, and perhaps you will not for a while get a shower. Dig the hole for the roots plenty big enough, particularly broad enough. Put in enough soil to cover the roots and steady the rose, or shrub, or tree in position, then soak it with water and, when that has disappeared, fill up the excavation with the soil you have dug out. That watering is worth forty on the surface.

I remember last spring receiving 500 H. P. roses from an eastern firm. They were good plants but dug up in Holland in the fall of 1902, wintered in a root house and part of March and April laid

Easter Window at J. H. Small & Sons, New York.

in by the heels, till near the end of April we found time to plant them. They were planted properly and cut back hard and not five out of the lot but what grew, and grew strongly. I merely mention this to say that had they been planted as too often they are, not five per cent would have lived.

Pruning Hardy Shrubs.

It may seem a little late to give advice regarding pruning shrubs, but it is not. Any time before they start into growth will do and many shrubs should not be pruned till they have flowered. It's a common occurrence to have a dear woman tell us that "a man came around last spring and pruned her shrubs and very few flowered." How could a lilac or viburnum flower if all the shoots that held the flower buds were cut off?

You want, broadly, to distinguish those shrubs that form their flower buds the previous summer, and have only to expand their petals the next spring, from those which make a growth of leaf and wood and terminate with a flower. To the former class belong all our hardy fruit trees. Before a leaf is visible are they not a bank or cloud of blossom? Among the familiar flowering shrubs of this class is the lilac, viburnum, pyrus, tamarix, prunus, forsythia and others. Now, if you prune these hard in the spring, or before flowering, it is evident you won't get any flowers, but just as soon as they are out of flower they should be pruned. To the latter class, or those that need pruning before flowering, belong Hydrangea paniculata, althæa, the hybrid perpetual roses, etc. A little observation will soon teach you which is which.

You frequently see some trusting patron of a tree peddler receiving a few evergreens, or Austrian pine, or Norway spruce, or retinospora along with their pear tree and raspberry bushes in early spring, or as soon as the nurseryman can dig. This is all wrong. Evergreens should not be moved till the middle of May, but this is a country of such wide latitudes that an arbitrary date is a poor guide. Just when they start to make their spring growth is the time to transplant an evergreen, and not before.

William Scott.

Stumpp, New York, had Lilies and Ramblers in the Easter Window.

ROSES.

The Rose Midge.

The very interesting article by F. M. Webster which appeared in last week's issue of the Review, giving a description of the latest rose pest, must certainly be of the utmost interest to rose growers in all sections of the country as, if it is like other pests, it is certain to spread, and progressive growers would do well to secure the bulletin describing its habits, etc., so far as at present known, as early as possible. As yet I am thankful that I have had no personal experience with it, but I have seen the result of its depredations.

A particular friend of mine, an extensive grower whose Meteors have long been noted for their excellence, had just previous to my visit to his place last fall thrown out his entire crop of this variety owing to this pest. The investigation at that time not being complete, I was unable to gather very many facts concerning it and the natural desire to keep such reports from spreading made reticence necessary.

However, now that the report is free to growers for the asking, they ought to take full advantage of it, so that they may be equipped with the best knowledge available.

So long as the means of destroying this pest remains unknown it will continue to be the most serious menace to rose growing that we have yet experienced in this country. I have little doubt that if it continues to spread some one of our brainy growers, aided by the scientists, will eventually hit upon a remedy. Every successful fight and the means employed should be duly reported for the benefit of the craft.

Having had some experience with the British species which attacks the leaf buds, I herewith give the remedies employed which seemed the most successful:

Syringing with Gishurst's Compound, using one-fourth pound to each gallon of water, certainly had the effect of diminishing the numbers. Syringing with kerosene emulsion had about the same effect. I tried tobacco in nearly all of its forms without effect and finally had to resort to hand picking. Whether this was the most effective remedy I am not sure, but they did not reappear the following season. I may state, however, that a near neighbor who also had an attack and used none of these remedies with the exception of tobacco smoke was also relieved of their presence the same season.

The bulletin will be of great use in enabling us to identify this pest if it does pay us a visit, which I hope it may not.

Ribes.

SOIL FOR ROSES.

In their work on soils Messrs. A. F. Woods and R. E. B. McKenney, of the Bureau of Plant Industry, U. S. Department of Agriculture, have found that a great variety of soils can be successfully used for forcing roses, but a moderately heavy loam from rotted turf sods is gen-

The Easter Window at Thorley's, New York.

Scallen had One of the Prettiest Windows in New York.

erally recommended. The lighter types of soil are most favorable for such varieties as La France, Perle des Jardins, Duchess of Albany and Niphetos; while a good stiff loamy soil is required for Bride, Mermet, Madame Hoste, Gontier and Souvenir de Wootton. If the right type of soil cannot be found, light and heavy soils can be mixed to secure a soil of the desired texture. Assuming, however, that the proper sod loam can be obtained, cut the sods in the autumn, and compost with cow or horse manure, using one part of manure to three parts of soil. Turn and mix the heap two or three times during the winter, breaking up all lumps and getting into good, even condition. At the last turning, which should be made several weeks before the compost is to be used, add ten to fifteen pounds of fine ground bone, free from common salt, to each cubic yard of compost. This should be thoroughly mixed. Fine ground steamed bone is best for greenhouse use, as it decays more quickly than raw bone, and its phosphoric acid thus becomes available earlier. If raw, coarse bone is used, only a small part of the phosphoric acid becomes available during the first season, but the nitrogen coutent of the bone manure is a little higher.

It is also safe and desirable in the case of roses to add to the bone manure some form of potash, especially in the lighter classes of soil. We see from analyses that potash bears a very important relation to the formation and to the storing up of the other chemical constituents in the plant.

About one pound of sulphate of potash or six quarts of pure wood ashes to the cubic yard, applied with the ground bone, will be sufficient for the compost, which must not be too rich to start with, or the roots of the young plants will be injured. After the roses get a good start, and the soil is filled with fibrous roots, additional food will be required. The compost prepared as stated is adapted for plants from 3-inch or 4-inch pots.

The potting soil used for the plants up to the time they are ready for the beds should be very thoroughly rotted sod soil, as described above, mixed with one-sixth to one-eighth thoroughly rotted cow manure or horse manure, but with no bone or so-called chemical fertilizers.

It is considered best, if possible, to sterilize the potting soil with steam from a high-pressure boiler. This will destroy the plant and animal parasites likely to injure the young plants, so that they will usually be able to take care of themselves when set from the pots to the beds.

Some of the most successful growers also sterilize their compost for the beds. If this is properly done it destroys all nematodes (eel-worms), grubs, and all plant and animal parasites likely to attack the roots, as well as all weed seeds. In large establishments, at least, it will certainly pay to sterilize all soil used, especially where nematodes or other root parasites occur.

WOOD ASHES.

In potting rooted coleus and other soft cuttings I used dirt in which unleached wood ashes were mixed. Could this be the cause of so many of them dying?

F. J. U.

Unless the wood ashes were used in too large a quantity I cannot account for your losing any rooted cuttings of such a free growing, free rooting plant as coleus, except from one cause, viz., want of heat. Don't use wood ashes with any such plant; a good loam with a fourth of well-rotted manure is all you want. If you want them to jump extra fast, then a quart of bone flour to a bushel of soil will do it, but these soft-wooded plants are better in every way, and do better when planted out, when not overforced with any stimulant.

I want to tell F. J. U. not to call soil, or earth, if you please, "dirt." Florists don't deal in dirt and no such thing should be on his place. "Dirt" is matter out of place. It is sometimes seen in people's ears, sometimes under a greenhouse bench, or in the back yard. Some broken glass, some broken crocks, a few dead plants and a good sprinkling of soil all mixed together, that is dirt. The rich, brown earth that we use for potting our plants and from which all our sustenance springs, is good, sweet earth and it's awful to hear it degraded by the name of "dirt." W. S.

CALLA DISEASE.

In your issue of March 31, page 1016, under caption "Preservation of Heu Manure," I saw that hen manure contains a very large percentage of nitrogen. Could this be a cause to aggravate the calla disease? In the latter part of the winter I watered them with a very weak liquid of hen manure. The callas died fast in consequence. F. J. U.

If F. J. U. used the liquid manure very weak, as he says, then I don't believe it would aggravate the disease. This chicken manure is a very strong article, but using it as a liquid is the safest way. While you may use a bushel of cow manure in fifty gallons of water without harming anything, a 6-inch pot of the hen manure in fifty gallons of water would be strong enough. I am glad to say that I have not yet seen the calla disease, and was inclined to think that it was not a specific disease, simply mismanagement, but, alas, I learn from good authorities that it is a disease, and a bad one where it has appeared.

Just let me say, why do you want to use this strong stimulant on such a free growing plant as the calla? If quantity of flowers of a useful size are wanted, liquid manure will not help unless the

A Corner in the Ansonia, One of New York's Leading Stores.

plants are starved at the roots. If planted on a bench in five or six inches of soil, which is deep enough, a mulching with an inch of rotten manure in March is all that is needed. It is heat and light that makes callas bloom, not manure.

W. S.

A TESTIMONIAL.

Trade journals as well as newspapers very laudably are glad to receive words of encouragement from their subscribers and are properly pleased to print them. A few words of praise costs little, but here is one that means business and is out of the common run:

"I keep all the back numbers of the REVIEW and in the winter while looking after the fires at night I take out all pages with nothing but advertisements on them and then bind the reading matter together and put covers of good heavy wrapping paper on them. I would not take $5 for any one of them."

Either the man who wrote those words is a most invaluable employee or an earnest, studious employer. We find our night fireman putting in his spare minutes at a game of pedro or seven-up with some neighbors. If we found him reading the pages of the REVIEW or binding the read copies in his homely but substantial way for future reference, we should assuredly think seriously that he was deserving of promotion. W. S.

CARNATIONS

CONVENTION IMPRESSIONS

The following is a paper by A. F. J. Baur read before the State Society of Indiana Florists at its meeting at Indianapolis April 5:

You have had such full accounts of the carnation convention through the trade papers that I dare say most of you know almost as well as I who were there and what varieties made the best show at the exhibition, etc. So I will try as far as possible to steer clear of what you have already read in the papers and give you a few impressions that have come to me outside of the exhibition hall.

First of all, I want to say that the Detroit boys handled the convention in great shape. They did the right thing in every respect and nowhere did the carnation society feel more at home than it did at Detroit. The arrangements were complete and the way every detail was carried out showed a thorough organization of the force that had the work to do. They seem to be old hands at handling conventions. They have a beautiful hall, which was just right to hold the exhibition. It reminded one of the one in the German House, which we had two years ago. The exhibition, the meetings and the banquet were all held in the same building and in fact we could get our meals there, too, so we had to leave the building only when it was time to sleep. It was as convenient a place as the society has ever found for a meeting place. Harmonie Hall is about as convenient to the center of Detroit as the German House is here. We could walk to and from the hall in a few minutes.

Of Detroit, of course, we could not see much, as its attractions are attractive only in the summer when the water is open and the vegetation is dressed in its garb of bloom and foliage. One of the good features was the opening of the banquet at 7:30 instead of 9, as we did here. It gave ample time for every speaker to have his say without being limited as to time, and having to cut out some of the best parts. The speeches made at this banquet were very fine indeed, so interesting, in fact, that in spite of the fact that it lasted at least six hours, nobody seemed tired of listening. Most of the speakers seemed at their best and, besides the usual amount of jokes and yarns, there was some very sensible and interesting speaking.

A Dr. Smith, who is an honorary member of the Detroit Florists' Club, made a speech that appealed to every member present. He spoke of how in many he has found that a pretty plant or a bunch of flowers would do more good than his medicine. He said that often in his most difficult cases, he uses flowers as medicine, to cheer up the patient and make them want to get well. Then he told of how the great forests of the land are being cut away and how the scarcity of oxygen will affect the human race if the florist and nurseryman do not plant shrubs and trees and flowers to supply this life preserving oxygen to take up the carbonic gases, which are so deadly to all animal life. He said that an active florist is a great benefactor to a community in that way.

I wish that we could have a few such men in our society. Men who can talk eloquently and could help us to see more than the bare commercial side of our profession. I understand that the late Mr. Parker was such a man, and it would be well for us to hear a speech like Dr. Smith's at least three or four times a year.

For wit and humor, you want Mr. Pierce from up in Massachusetts. He has his own original style of telling things and sayings that never fail to tickle an audience. For instance, when he arose in one of the business meetings to oppose a suggestion made by another member, he began by saying: "Mr. President, I don't know just what I am going to say, but I want to apologize before I begin." Then he would talk in a way that left no doubt as to what he meant to say.

Lewis Ullrich's paper entitled "Has It Ever Occurred to You?" was one of the best I have ever listened to. Our own Gurney Hill was in fine form and made the banner speech of the evening. You know some men can talk good hard sense for hours, but never a joke passes their lips, while others can joke and spin yarns for hours, but very little sense emanates from their mouths. Our friend Gurney is a past master at both, however, and when he did not have his audience in an uproar, he was talking to us in a sensible and elevating manner.

Mr. Sullivan displayed a sheet of paper about the size of a page in the News which was entirely covered with clippings from the local press about the carnation society and the convention. They realize that to make a success of such a thing you must have the good will and help of the press. They can stir up interest among the people that can't be aroused any other way. They reach the people.

Mrs. Vesey made a pretty little speech without any preparation, and I hope that some time when we have something doing in our town we may have her here to respond to a toast. There were twelve ladies present and they enjoyed the treat as much as the men.

The trip to Breitmeyer's place at Mt. Clemens was a very enjoyable affair and will be remembered by all who took it in for a long time. This is certainly a progressive firm, as is shown by the way they have been pushing their new rose, La Detroit. It was to view it that we were invited out there, and I must say it looks good. A few of us ran across the way to a carnation establishment owned by a Mr. Klagge. Their carnations were grand, but the violets could not compare with those at Smith & Young's. After we had been at Breitmeyer's a little while, I could not help but feel sorry for John Hartje because he did not stay to take in this trip, and for Alex. Nelson because he did not come along. A part of the lunch consisted of a twenty-nine-pound fish of some kind. I don't know the name. I know they would have enjoyed a slice of that meat. I'll bet they would not work much if they lived up there. The water is too close at hand, so, perhaps, it was a good thing they were not there.

Of the show itself, you have read a good deal and know, perhaps, as much by this time as I do. On the first day the stock looked fine. The quality was very high except in substance in some cases. There was a good lesson there for those who are everlastingly craving for size. Enormous size can be reached only through high feeding, and unfortunately high feeding seems to destroy substance. Blooms that have been fed up to an enormous size will not keep nearly as long as blooms of good average size and grown normally on healthy plants. I have in mind a grower who is noted for his high feeding, and you could pick out his vases all over the hall. Many of his blooms went to sleep before he was through staging his exhibits and he had to rearrange many of his vases, picking the best blooms out of two or three vases to make up one good vase. And even then he was beaten all around.

I was glad to see the Lawson gold medal go to an Indiana variety. Dorner's Fiancee won it with 100 grand blooms. Dailledouze Bros. showed the largest blooms in the hall. Their new white seedling from Prosperity is a bloom fully five inches across. This bunch of blooms suggested to me the question: "What size should we strive for in a commercial carnation? Do we want blooms over four inches?" It seems to me a carnation will cease to be a carnation when it begins to look too much like a cabbage. From three to four inches ought to be as large as any one could want for even a fancy grade of carnations, and two and a half inches makes a very pretty bloom for an ordinary grade. More attention should be given to form, freedom and keeping qualities.

There should be some reward given to the vase that shows up best at noon of the second day. One of the carnation's strongest points in gaining the popular favor it now enjoys has been its keeping quality. It certainly looks bad to see half the blooms asleep before they have been up two full days, when we never hesitate to tell our customers that they can keep carnation blooms in good condition a week or ten days, which is true, too. There they see the largest and finest looking blooms going to sleep long before the more medium-sized ones begin to look drowsy. Before you know it, they will begin to fight shy of your large blooms. We consider it a great favor conferred on the public to allow them to view our fine exhibitions, but we should be very careful that we do not create any wrong impressions through our desire to win premiums, etc. Some of the vases held up fine, while others of the same varieties went to sleep early. Adonis held up fine and so did Mrs. Lawson, Moonlight and Indianapolis, while Enchantress retired early, all except Mr. Partridge's vase, which won two first premiums. This showed clearly that the growing has much to do with the keeping of a bloom.

Chicago seemed to be the popular choice for the meeting place for next year and every one agrees that it will be the best meeting we have ever held. I hope that this vicinity will send up a good delegation. By the way, I wonder

Easter Window of A. Warendorff, New York.

how many of our boys who joined the carnation society two years ago are still members. I remember there was some talk of everyone joining for one year out of courtesy to the society. I think that is a very poor kind of courtesy, though. Why not join and stay joined? The $2 won't break you, and just think how much better you will enjoy it all whenever you can attend the convention and know that you are a member and have a real interest in everything that is going on. And when the banquet night draws near, you won't have to cause some friend the embarrassment of taking you into the banquet hall some way.

Have you ever stopped to think what the American Carnation Society has done for you? I won't say that it has caused the improvement of the carnation. The carnation had been greatly improved and was being steadily improved before the society was organized, but here is what did happen: Before the American Carnation Society came into existence there were a few firms who raised seedlings to get new and improved varieties. Each firm imagined that it had to put on the market from three to half a dozen or more varieties each year. It did not take a very good bloom to be as good as the average of that day and every variety that was about as good as the average was put on the market. Most of you will remember the blooms that were shown at your chrysanthemum shows about twelve to fourteen years ago. It did not take long to glut the market with a lot of inferior varieties and you did not know what to buy, lest you throw your good money away. Only a very few were of any value whatever. It was the American Carnation Society that put a stop to this by requiring a variety to score up to a certain standard before it could receive its approval, and it was soon found that its approval was essential to the successful launching of a new variety. This caused a more uniform improvement in the varieties offered to the trade, and a decided cutting down in the number offered. Those firms which offered half a dozen each year are now glad to have one or two each year. I don't say that the carnation society's plan of awarding certificates is perfect; in fact, I know it is not, and it is trying now to evolve a better plan, and no doubt it will materialize soon.

You all know these things, but do you ever stop to think that you are the men who really profit by the work of the society? You do, more than anyone else. While you do occasionally buy a variety that does not live up to its promise, you do get a much larger percentage of improved varieties than you used to get. And the varieties are very few that will not make you as much money per square foot as the old timers did, to say the least. Indiana stands right in the front rank in the production of new carnations and a large percentage of our bread winners, as well as prize winners, were born in Indiana. Indiana ought to be well represented in the American Carnation Society and I wish that every one of our members could be a member of that society, too. It would be nothing more than showing an honest appreciation of favors rendered.

A FEW HINTS ON PEONIES.

They love a well-drained bed or border, and should not be planted where water will stand during winter or spring, but they will grow and bloom most beautifully in almost any kind of soil. If possible, avoid planting them directly under a tree, or too near a hedge, for that would rob them of the necessary moisture which they should have during the summer, in order to lay up strength for the flowers produced the coming season. For the same reason do not allow blue-grass, or any other weed, to grow and share with your peonies the plant-food which they alone should have. Keep the bed well stirred for at least eighteen inches all around the plants. All herbaceous or perennial flowering plants bloom in proportion to the amount of care and treatment received the previous season. You should not expect much from anything that is half starved.

In making your peony bed or border, do not use fresh manure; it should be well rotted and thoroughly mixed with the soil for at least a foot in depth; eighteen inches of such fertilizing would give most wonderful results. Be quite liberal with the manure; if old and well rotted it will not harm the roots. Do not have the bed higher than the surrounding ground, but rather a little lower. Apply a coating of more manure each fall, and fork it into the ground in the spring. Always be careful not to disturb the buds that are just then getting ready to push through the surface. This kind of treatment will give you extra-large, bright-colored flowers, and lots of them, during May and June. Thin out a few of the weaker shoots after the clumps are several years old; fifteen to twenty should be the limit allowed to each clump. The flowers on those that remain will be just so much finer in proportion to this thinning.

Peony roots should not be disturbed when once planted; it takes several years for them to recover from shocks thus received. They cannot be divided while in the ground; the whole clump must be lifted.

In all my experience of fifteen years in growing peonies, I have yet to see an insect or bug infesting them. Ants will sometimes visit the buds and flowers to obtain some sweet substances found there, but they are absolutely harmless. It is a general belief that they injure the buds of flowers, but my observation and experience assure me that if the buds do not open or bloom, this is due to some other cause. In nine cases out of ten such plants were starved the previous summer, and cannot open their buds for lack of the necessary strength to do so. Neither gophers nor moles will touch a peony root, but will often carry away many varieties of lily bulbs and store them in their burrows.

Spring is when the amateur wants to plant peony roots. Early in April, or even in March, if the frost is out of the ground and it is not wet or soggy, is the best time to plant the roots. The ground should be mellow and in good condition. If you have ordered peony roots, and they arrive before you are ready to plant them, simply place them in moist earth in some cool place; they will be safe there for one, or even two or more weeks. Always turn the buds upward, so that if they should start they will grow straight. When planted the buds should be about two inches below the surface.

For the commercial grower of peonies September or October planting is by far the better practice, provided the ground is not too dry, which is often the case, especially here in Nebraska and through

Design for Funeral of M. A. Hanna.
(By Westman & Getz, Cleveland.)

the northwest. In this case, dig a hole in your bed large enough to hold a few pails of water; fill the hole several times with water, then fill with moist soil—not soggy; now set the roots in the center, four inches below the surface to allow for settling during the winter. They should be well established and start at the proper time in spring.

Do not expect too much from your plants the first season. If you order and obtain good roots they will bloom the first year; but, as a general rule, the flowers will be small, in some instances only half double and also poor in color. The second year they should bloom well if they had the proper care during the previous summer.

I have never found it necessary to water a peony plant, even in the most prolonged drought or heat. In fact, they are better for not being watered, as it is very difficult to get the water down where it will do them any good, which is about eighteen to twenty-four inches below the surface of the soil under the plant. However, it will neither harm nor benefit them much if watered when the lawn is regularly sprinkled. Take a hoe or rake and stir the ground well around the plants after every such watering, and also after every rain. This will keep the surface from baking and allow the moisture below to be drawn up to the roots through capillary attraction.

Do not cut away the dry peony tops in the fall; they are the plants' natural winter protection. Add some fine manure and a little more coarse litter the first winter. Although this is not absolutely necessary to preserve the plants, yet they will spring up with greater vigor if given a little protection the first winter. Remove the litter and tops in spring and fork in the manure carefully.

J. F. Rosenfield.

DAHLIA PROPAGATION.

As a grower of and one interested in the highest development of the dahlia perhaps I may be pardoned for another word under this head, as I was the innocent cause of the "weak thing" cognomen being applied to dahlia cuttings. But I have no wish to recall it. I have grown the dahlia for over twenty-five years, have seen some of the ups and downs of the flower, but still enjoy its beauty as ever and am also glad for any information that will keep its right foot forward and the flower on the gain. My first outside information from a supposedly good authority as to the weakness of the tubers grown from cuttings was received while on a visit east last September. At one place thousands of both kinds were growing and the information freely offered was that the cutting tuber was weak in comparison to divided root propagation. It fell in exactly with my experience and proved conclusively that if field roots could be secured in quantity sufficient to supply the demand, it would be far better than to propagate by cuttings.

The illustration accompanying Mr. Wilmore's article last week is a fair exhibit of comparative growth. The past season I have grown from cuttings field clumps that weighed over one pound, but I know there are a whole lot more grown that weigh less than a pound. I have also grown field clumps from divided roots that, after shaking off all the dirt possible without damaging the clump, weighed over twenty pounds and it was not any more than safe to push the clump into a half-bushel measure. We have no desire to carry the impression that this is the average, neither is two pounds the average clump grown from cuttings. The cutting is not particularly weak as to itself and what is expected of it, but it takes two years to average the well-grown dahlia clump from the divided root. The best use for the cutting clump is for the catalogue trade. Here it is all right and worth its cost, but no better than the properly divided root. Let us give each their due, but stick to the text.

E. S. Thompson.

HYDROCYANIC ACID GAS.

Nearly every owner of a greenhouse is interested in fumigation with hydrocyanic acid gas and many hundreds are experimenting in its use. It is necessary in every case to determine with great care the cubic contents of the house, frame or box in which the fumigation is to be made. The illustration shows cross sections of two styles of greenhouse structures now in general use. At the left is an even-span house 12x100 feet, two feet on the sides, and five feet six inches from the surface of the beds to the ridge, with a walk fourteen inches wide and fifteen inches deep.

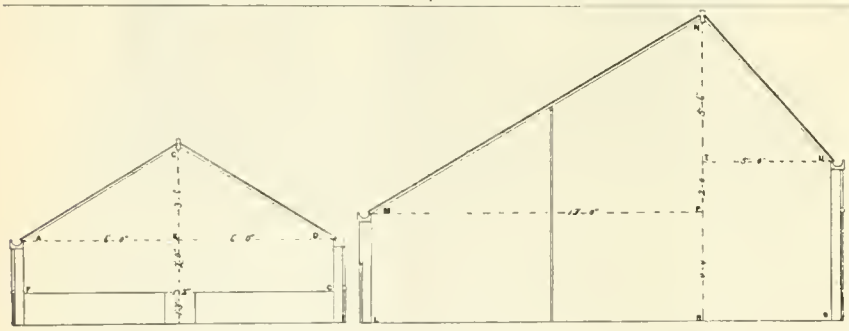

Illustration of Method for Calculating Cubic Contents of Greenhouses.

To determine accurately the number of cubic feet in this or a house of similar construction. First, make a rough drawing showing a cross section of the house; second, divide the space into triangles and rectangles by drawing a line connecting the two wall plates and one from the ridge at right angles to this; mark on each its respective length in feet and inches. Compute the number of cubic feet in each of the rectangles and triangles in accordance with the following method:

In the even span house shown at the left the number of cubic feet of space in the walk is found by multiplying the width by the depth by the length, thus: Multiply one foot two inches by one foot three inches by 100 feet. Reducing to inches we have fourteen inches multiplied by fifteen inches by 1,200 inches equals 252,000 cubic inches; dividing this result by 1,728, the number of cubic inches contained in a cubic foot, we have 145.83 cubic feet. The rectangle A D G F is computed in the same way, except that in this case it is not necessary to reduce the feet to inches. It would be twelve feet multiplied by two feet by 100 feet equals 2,400 cubic feet.

This brings us to the triangles. The rule generally given for calculating the area of a right-angle triangle is to multiply the base by the perpendicular and divide the product by two. The result multiplied by the length of the house will give the number of cubic feet the triangular portion contains. For example, taking the triangle A C E; six feet multiplied by three feet six inches, equals twenty-one feet, divided by two equals 10.5 feet, multiplied by 100 feet equals 1,050 cubic feet. The area of the triangle E C D and the cubic feet in this part of the house are determined in the same way; or, in this case, since the triangles are equal, the desired result is obtained by multiplying the number of cubic feet in the triangle A C E by two; 1,050 multiplied by two equals 2,100 cubic feet. The contents of this house is therefore 145.83 plus 2,400 plus 2,100 equals 4,645.83 cubic feet; this result multiplied by the required dose per cubic foot of space will give the amount of cyanide of potassium necessary for one fumigation.

At the right of the illustration is a cross section of a three-quarter span house 18x100 feet, front wall four feet four inches, back wall six feet four inches, and eleven feet ten inches to the ridge. The cubic contents of this house is determined in the same manner, except that the two triangles being unequal, each one will have to be calculated separately. The house contains 15,050 cubic feet. It will thus be seen that the cubic contents of a house or frame of any style can be readily determined by simply dividing a cross section of the same into the necessary number of triangles and rectangles and calculating as demonstrated above.

After the number of cubic feet in the space to be fumigated is determined, the amount of cyanide required is found by multiplying the cubic contents by the dose per cubic foot. For example, if single violets are to be fumigated the dose would be one-tenth of a gram per cubic foot. A dose, therefore, for the even-span house, containing 4,646 cubic feet would be 4.646 multiplied by .1 equals 464.6 grams. To reduce this to ounces, divide the number of grams by 28.35, the number of grams in an ounce avoirdupois. It is found that 464.6 divided by 28.35 equals 16.38 ounces avoirdupois. It may be necessary to reduce the fraction of ounces to grains; 437.5, the number of grains in an ounce, multiplied by .38 equals 166 grains.

If double violets are to be fumigated the cubic contents would be multiplied by .15 thus: 4,646 multiplied by .15 equals 696.9 grams, divided by 28.35 equals 24.58 ounces avoirdupois. Fifty-eight one-hundredths of an ounce equals 253 grains. In the case of a small space of less than 150 cubic feet the dose in grams should first be determined, and this, if necessary, can be changed to grains by multiplying the number of grams by 15.43, grains in a gram, thus: thirty cubic feet multiplied by .15 gram

A House of Princess of Wales Violets at the establishment of William Sim, Cliftondale, Mass. (See page 1107.)

equals 4.5 grams, multiplied by 15.43 (grains in a gram) equals 69.435 grains, or approximately 69.5 grains. The reduction to ounces or grains will not be necessary if metric weights are used, which is strongly urged.

When the dose for certain plants in a given house, frame or box is once obtained, it should be carefully recorded on the house or box thus:

Contents 1,015 cubic feet, dose for ferns, .075 gram per cubic foot, equals 76.1 grams; for violets, double, at .15 gram per cubic foot, equals 152.25 grams.

If a scale weighing with avoirdupois weights is used, the dose should be recorded in ounces and grains.

ORCHID CULTURE.

At the regular meeting of the Massachusetts Horticultural Society, February 20, 1904, W. N. Craig, of North Easton, was the speaker and gave a "Talk on Orchid Culture," in which he brought out many valuable hints for the successful cultivation of these plants and threw much light upon a subject not generally well understood. He spoke in part as follows:

"The advance in American horticulture during the past fifteen years has been truly remarkable; especially striking has been the steady progress in matters pertaining to floriculture. While the rose, carnation, violet and chrysanthemum are still the most widely cultivated and popular of our greenhouse flowers, it must be admitted that orchids, the aristocrats of the floral kingdom, are greatly increasing in popularity and are being cultivated to a greater or less extent, in ten times the number of establishments, especially private ones, of a decade ago.

"We believe the idea, once so prevalent, of orchids being difficult to grow and flower is now pretty well exploded. Most of the popular varieties are of comparatively easy culture, and no one who is able to grow roses and carnations need be afraid to handle orchids. Many kinds will succeed well in any ordinary greenhouse, and we have on more than one occasion seen nicely flowered specimens grown in dwelling houses; such sorts as Dendrobium nobile, Cypripedium insigne, Lycaste Skinneri and Cœlogyne cristata will flower satisfactorily in an ordinary bay window if frost is excluded and a little judgment is used in watering and other essential details.

"The general impression is that orchids are very costly and only to be secured by the wealthy. While it is true that their primary cost is higher than most other plants, they usually give their initial cost in flowers the first season, and especially is this true of the most showy and popular of our American orchids, the cattleyas. Nice, flowering-sized plants of most of our popular orchids can be had for from $2 to $5 apiece, while white cattleyas, yellow cypripediums, some of the choicer hybrids and other unique forms may bring from $100 to $500 each. The number of specimens changing hands at these prices is, however, very few in America; we believe that when the late F. L. Ames paid $1,000 for a white form of Cattleya gigas, he reached the maximum figure ever paid here. As high as $500, or even more, has been paid on many occasions, but the present tendency is to grow popular varieties of moderate cost and allow European fanciers to hold the very valuable species.

"We are now getting less and less of new species from the forests and more and more from the hybridist, and in the years to come one will be more dependent on the seedling raiser than on the forest collector. Orchids were successfully raised from seed in England and Ireland as far back as 1849, although it was not until 1860 that the Messrs. Veitch electrified the floral world by exhibiting the first seedling orchid before the Royal Horticultural Society of England. To-day seedling raising is a hobby with many private growers and a big industry with some commercial ones. In some respects seedling raising is being overdone. Particularly is this true of the cypripediums, which are now so crossed and intercrossed that no living authority could name them correctly.

"Twenty-five years ago East Indian orchids were all the rage, while now they are little seen. In America today cattleyas are our most popular orchid; in Europe odontoglossums are far in the lead. Our climate suits the one, while the European coolness is to the liking of the other. It is unfortunate that our hot summers make odontoglossum culture difficult here, for they are the most chaste and beautiful of all orchids; but we have the satisfaction, on the other hand, thanks to our clear skies, of growing better cattleyas than can be produced in Europe.

"Seedling raising in America is making good progress, cattleyas, lælio-cattleyas, sophro-cattleyas, cypripediums, cymbidiums, zygopetalums and other genera having been successfully intercrossed. Some especially fine cattleyas have been raised in late years. What we need here especially at the present time is a seedling raiser who will produce large lots of such standard cattleyas as Mossiæ, Trianæ, Mendelli and labiata, which are superior to all seedlings so far raised where intercrossed. Such plants when of flowering size would readily bring much higher prices than dried specimens. Seedling raising has, during the past season, been successfully carried on in the open air in Oviedo, Florida, where an enthusiastic amateur has germinated numbers of cattleyas, lælio-cattleyas and dendrobiums on the mossy trunks of magnolia trees, protected by cheesecloth. Temperatures of 28 to 30 degrees were frequently recorded where these seedlings were raised. This proves a most interesting experiment and opens up great future possibilities.

"Seedling raising under glass is attended with many obstacles and difficulties. Good fern fibre of a soft, spongy nature is suitable upon which to sow the seeds. They will also germinate if sown on the surface of the soil of growing orchid plants or on calico cloth kept damp. Very great care in watering, ventilation and other details are necessary and if all these prove successful, flowering sized plants may be had in from two to ten years, according to the genera being worked upon.

"In the matter of compost nothing is better for the general run of orchids

than good Osmunda fern fibre; sphagnum moss we are using less each year. Plants with growing moss on the surface of the pots or baskets look well, but what swarms of snails they bring and what havoc they raise with flower spikes and tender roots! Much has been written during the past few years on the culture of orchids in leaf mold, in preference to fern root. We tried it quite extensively and liked it for a time, but it eventually proved a failure and we have permanently abandoned it. Odontoglossums, miltonias, cattleyas and dendrobiums all deteriorated in it under the most careful treatment, and we do not believe it will ever be of any service in America.

"Cattleyas are easily the most popular of orchids in America. With the exception of chrysotoxa, which likes a higher temperature, all the varieties named do well in a night temperature of 55 to 60 degrees in winter, or even a few degrees lower. They like an abundance of ventilation on all possible occasions, and succeed well in baskets, pans or pots either suspended from the roof or on staging within three feet of the glass. Closely allied to the cattleyas are the laelias. There are now numerous Lælio-cattleyas, but as a rule they are too high-priced to be of general use.

"Cypripediums are very useful orchids. Their wonderful lasting properties and diversity of form will always make them necessary where any number of orchids are grown. Dendrobiums are among the most lovely of orchids. They like plenty of heat and moisture during the growing season, a thorough ripening of the bulbs in a light, sunny house, and the withholding of water until the flower nodes are well advanced. Cœlogynes, especially the cristata, are beautiful and easily-grown orchids for decorative purposes. Calanthes, especially C. Veitchii, with its long spikes of rosy pink flowers, are indispensable winter-blooming orchids. They need a brisk, moist heat during the growing season and should not be placed in a lower temperature than 55 degrees even when in bloom. Pot culture in fibrous loam and dried cow manure and applications of liquid manure during growing season are necessary.

"Oncidiums are less cultivated than a generation ago. Other East Indian orchids, including the vandas, ærides, phalænopsis and saccolabiums, while containing many beautiful and graceful species, are not at present as popular as they were twenty-five years ago. Miltonias are very beautiful, especially the summer-blooming M. vexillaria. Odontoglossums are the most beautiful of all orchids and the most difficult to grow in our eastern states. A few other useful orchids to grow are Phaius grandiflorus, Sophronitis grandiflora, Platyclinis glumacea, cymbidiums in variety, Zygopetalum Mackayi and Epidendrum vitellinum majus.

"We do not believe that private estates in America, except in special cases, will form extensive orchid collections as in Great Britain, and the tendency will be more to grow batches of a limited number of species for cut flower purposes or for other decorative effects. Their culture, from a commercial standpoint, will not progress as will that in private establishments, but their popularity will increase in the years to come and within ten years the number of growers will be quadrupled. They will never be the flower of the masses, like the rose, carnation and violet, but will always be curious, interesting, beautiful and bewitching to the ever increasing army of flower lovers."

RESOLUTIONS OF SYMPATHY.

At the meeting of the Florists' Club of Philadelphia on the evening of April 5 the following resolutions were adopted:

Whereas, The Florists' Club of Philadelphia, having heard with deep regret of the untimely passing away of their fellow member, George E. Fancourt, be it

Resolved, That the Florists' Club of Philadelphia hereby expresses its sincere sorrow at the loss of one who was so endeared to every member by his many good qualities of mind and heart. He was regarded by us all as one of the most intelligent and progressive of the craft, and was held in the warmest affection and esteem by all who knew him. We shall miss his genial, kindly presence at our meetings, and

Resolved, That we hereby extend our sympathy to his bereaved family.

Robt. Craig,
David Rust,
Geo. C. Watson,
Committee.

BORDEAUX HAS NEW USE.

Prof. B. T. Galloway, of the U. S. bureau of plant industry, recently made a statement to the effect that the department experts have come to the conclusion that Bordeaux mixture will exterminate the germs of typhoid and malaria in water, purify and clarify the water itself, and dissolve the slimy green substance, or "algæ," frequently found on the surface of stagnant pools of shallow water.

Department experts have been extremely careful not to announce the discovery officially, because it is yet a subject for daily investigation. Experiments are now in progress in New York, Boston, and elsewhere looking toward the application of the Bordeaux mixture as a means of removing typhoid germs from reservoirs which supply drinking water to those cities.

Department officials are not yet prepared to recommend that the general public should experiment on drinking water with this germicide, because they have found that one part of the solution to 10,000,000 parts of water seems to be sufficient to kill off germs, and miscellaneous experiments might result in exterminating an unpleasant number of human beings.

The Bordeaux mixture, according to the department formula, is made up as follows: Pour into a fifty gallon barrel twenty-five gallons of water; then weigh out six pounds of crushed blue stone or copper sulphate, and, after tying it in a piece of coarse sacking, suspend the package just beneath the surface of the water by means of a string tied to a stick laid across the top of the barrel.

In another suitable vessel such as a tub or half-barrel, slack four pounds of fresh lime. Slack the lime carefully, pouring on small quantities of water at a time, the object being to obtain a smooth and creamy liquid free from grit. When the lime is slacked add sufficient water to make twenty-five gallons. As soon as the blue stone is dissolved, which will require an hour or more, pour the lime, milk, and blue stone solution together, using a separate barrel for the purpose, and stir constantly to effect a thorough mixing. To be certain the mixture is safe, hold a steel knife blade in it for two or three minutes and if the polished surface of the blade shows a copper-colored tinge, add more lime, but if it stays bright, the mixture is ready for use.—Chicago Tribune.

DATES OF EASTER.

Following are the dates of Easter for the next twenty years:

1905	April	23	1915	April	4
1906	April	15	1916	April	23
1907	March	31	1917	April	8
1908	April	19	1918	March	31
1909	April	11	1919	April	20
1910	March	27	1920	April	4
1911	April	16	1921	March	27
1912	April	7	1922	April	16
1913	March	23	1923	April	1
1914	April	12	1924	April	20

BRITISH FAIR EXHIBITS.

The Gardeners' Chronicle mentions that the material for planting the garden about the British pavilion at the St. Louis World's Fair, beyond the trees and hedges, has been contributed by the various firms in England, the chief exhibitors being the following: Cannell & Sons, Swanley, hardy herbaceous plants and seeds; J. Carter & Sons, High Holborn, bulbs and seeds; J. Cheal & Sons, Crawley, dahlias; Cutbush & Sons, Highgate, specimens of topiary work, clipped yews, box, &c.; J. Forbes, Hawick, phloxes; Hobbies Ltd., dahlias; Kelway & Sons, Langport, gladioli, delphiniums, and other plants and seeds; Amos Perry, Winchmore Hill, hardy herbaceous plants; Messrs. Sutton & Sons, Reading, gladioli, lilies, narcissi and other bulbs.

ST. PAUL.

The Easter Market.

Trade was not ideal, although business was fully equal to or a little ahead of previous years. There was a good supply of everything, although more lilies and violets would have found a market. In cut flowers retail prices were advanced about twenty-five per cent. Plants sold at usual prices, although extra fine, well trimmed stock reached fancy figures. All the leading stores had extra displays, prominent among these being the windows of L. L. May & Co., the excellent stock of plants of the Swanson Floral Co. and the magnificent display made by Holm & Olson. Fancy baskets of plants and violet hampers figured more prominently than ever before. Lilies were not as good as usual and a great many were late. One of the surprises of the trade was the demand for palms and Boston ferns.

Trade since Easter has been very gratifying and all surplus stock has been closed out daily. X. Y. Z.

New Cumberland, Pa.—J. A. Kepner, the Elkwood florist, is ill with pneumonia.

Dunbar, Pa.—Easter went off very good as people took a pretty fair interest in flowers and everything sold well.

Charleston, W. Va.—Wm. Watters, agent, has moved his greenhouse to the old Avis property and is just now doing a big business in vegetable plants.

NEW YORK.

The Market.

It is hard to realize the contrast between the past week and Easter week in the New York wholesale market. Prices literally tumbled, until by Saturday it was hard to find a word in English expressive enough to cover the conditions that prevailed. Special Beauties had fallen to about one-fourth of Easter prices, 10 to 15 cents being the common rate for them. Special Maids retrograded to 6 cents for the finest and medium and inferior stock was cleaned out at any price that was offered. Callas and Harrissi could seldom touch over 6 cents for the best. Carnations were abundant; 3 cents was top. Thousands went at 1 and 2 cents and even the novelties were as low as 4 cents. Violets were cut in two, that is, the specials dropped to 50 cents and others 25 cents and even 15 cents per 100, according to quality. The warm, sunny weather gives promise of a flood of bloom this week and even lower prices. The after Lent weddings, however, are on the increase, society is blossoming into activity again and there is good promise of a profitable April. But the era of high prices is "closed for the season."

Club Meeting.

The monthly meeting of the Florists' Club took place Monday evening and was well attended. The outing committee reported everything progressing favorably towards the club's annual festival in June and placed tickets on sale. Harry May and A. E. Asmus were elected to membership and A. S. Burns, Jr., of Spring Valley, was nominated. With a view to transportation arrangements for the club to the St. Louis convention, Messrs. O'Mara, Bunyard and Guttman, were appointed a committee. A goodly attendance from New York is already a certainty. Messrs. Stewart, Butterfield and Weathered were appointed as a committee to draft suitable resolutions on the death of Mrs. Devoy, of Poughkeepsie, mother of the club's member, P. T. Devoy.

Wilhelm Miller, now connected with Country Life in America, was present at the club meeting and gave an interesting address in the course of which he announced that Prof. Bailey had secured the passage of the bill by both houses at Albany, appropriating a quarter of a million dollars towards the establishment of the new College of Agriculture at Cornell. He paid a generous tribute to the ability and character of Prof. Bailey. Mr. O'Mara spoke of the value of the government experiment stations and of Country Life in America. The reading of the paper on "Easter in New York," followed and a vote of thanks was tendered the author, the Review's New York representative. The commissary department added its quota to the enjoyment of the evening.

P. T. Devoy, of Poughkeepsie, was a visitor at the meeting. He had with him some fine flowers and a plant of his new geranium, Telegraph, which is a seedling of 1900, and of which some 10,000 plants are in stock. At the Dutchess County Society in November, a certificate of merit was awarded and the same honor was conferred by the New York Florists' Club at this session. The flower is of rare size and brilliancy, and was greatly admired. Other exhibits were Nephrolepis Scottii, from John Scott, and the new rose Mme. Norbert Levavasseur, the dwarf Crimson Rambler and a fine thing from Vaughan's greenhouses.

The club's May meeting will have an exhibit of bedding plants and William Elliott will read his humorous paper on the "Idiosynerasies of the Auction Business." At the June meeting the exhibit will include peonies and summer flowers, and will be made a ladies' night, preparatory to the outing which follows shortly after. There will be no meetings of the club during July and August. At the September meeting there will be an exhibit of perennials and asters, and other outdoor flowers. Bronx park and the private gardeners are requested to participate. The October meeting will be devoted to an exhibit of cannas and dahlias, and chrysanthemums and violets will entertain the members and their friends in November. The final meeting of the year, December 12, will be devoted to the supply houses and exhibits of novelties and designs for Christmas will be encouraged.

More About Easter.

Easter still remains a pleasant memory. The returns are all in and there is nothing to gainsay the record of the best Easter on record. The sales of violets were phenomenal. On one wholesale sheet the total showed an aggregate of 530,600. Of this immense quantity 83,000 were received from one shipper, almost as many as reached the New York market altogether a score of years ago. Another wholesale house sold over 400,000, another 350,000, another a quarter of a million, and so on down the list, nearly 3,000,000 being distributed from the New York wholesale market. The supply, large as it was, was completely exhausted.

A violet expert among the wholesalers tells me that sixteen years ago, 130,000 violets would cover Easter shipments; that twelve years ago $1 a 100 was considered a very high price, while 75 cents was the average. Last year the quality was poor and the prices high, $1.50 per 100. That the atmospheric conditions before Easter decide values and amount of shipments and really control the violet market. Fine weather means the sale of all that reach the New York market, while of good stock there never has been an overproduction. Twenty years ago 80,000 violets sold by one wholesale house was considered remarkable, while now a single grower sometimes sends more than this amount to the market. He predicts for Easter 1905 a small stock and poor quality, owing to the lateness of the festival. He thinks the success of the present year was due largely to the rainy and unseasonable weather, the comparatively limited supply, the excellent quality of the stock and the reasonable prices. If the weather had been fine the market would have been flooded.

The favorite carnation was the Lawson. Many of the wholesale houses disposed of over 10,000 of this variety. The value of not crossing bridges until one reaches them was again exemplified. The majority approached Easter with fear and trembling. The winter was bad enough to rattle any expert and the veterans had lost their nerve. The weather, up to Good Friday night, was abominable. But the whole face of things was changed by the sunlight of Saturday and Sunday noon victory perched upon every banner.

The retail stores everywhere shared in the great success. The plants left over in no case, even with the smallest stores, were more than enough to furnish a respectable window decoration. The pyramidal azaleas sold well, as did every novelty. The dwarf Crimson Rambler was greatly admired, a plant not over two feet in height, covered with clusters of red flowers and, in fact, not a Rambler at all but the new rose, Mme. Norbert Levavasseur, whose parentage is Turner's Crimson Rambler and Gloire des Polyantha. It is a beautiful thing and sure to be very popular. The flowers are of a brighter red and said to be a continuous bloomer throughout the summer. The photos of some of the leading stores, in last week's issue and this, indicate fairly well the variety of plants sold and the attention paid to artistic and attractive groupings.

Various Items.

The seedsmen are overwhelmed with work owing to the lateness of the season and the sudden coming of summer temperature. The next few weeks will be the busiest of their lives. This condition is universal. There is enough and to spare for all and not an establishment fails to share in the general prosperity.

The auctions are now in full blast, the advent of spring filling the rooms with eager buyers. The stock is first-class and prices are now quite satisfactory.

The greenhouses of Julius Roehrs, at Carlton Hill, were placed upon the list of the generous by the recording angel on the Sunday before Easter, when by the admission of the public a handsome sum was realized for the Passaic General Hospital. It is an example of thoughtful generosity worthy of emulation.

H. A. Siebrecht addressed the members of the Horticultural Society of New York Wednesday evening on "Tree Planting in the City Streets," a subject he is most competent to handle from many years' experience.

Last week the inventor of John Westcott's punch and A. B. Cartledge, of Philadelphia, visited James Dean, of Freeport, L. I. As Sam Bernard says in The Girl from Kays: "Sufficiency."

Chas. Schenck, of Traendly & Schenck, was the proud recipient and exhibitor of a handsome diamond ring last week, the gift of Arcana Lodge, F. & A. M., of which he has been the honored master during the past two years.

Ralph Perkins, who was so seriously ill, is now on the way to complete recovery. It was a narrow escape, his case having been given up by all as hopeless.

William Elliott is an original advertiser. His latest was a lamb in front of his store on Dey street surrounded by boxes of his sheep fertilizer with a unique announcement on the cage that can better be imagined than described.

H. H. Berger & Co. say that orders for fall delivery are coming in rapidly already and that the outlook is very encouraging.

Adiantum Croweanum grows in favor and its popular disseminator, Wm. Kasting, has a winner as usual. Its fronds are great keepers. John I. Raynor has controlled and popularized it in New York.

John Scott, of Flatbush, is also in the crest of the wave with his new fern Scotti, a certain and practical success.

N. Lecakes is again in the city after a visit to his old home in Greece.

H. C. Steinhoff, of Hoboken, has left for his annual trip to Bermuda.

Thieves plundered the cash register of Robert G. Wilson, Sunday, having entered through an unlocked rear window. Mr. Wilson said about $50 in bills and silver was taken.

Bowling.

The bowling club met Monday afternoon, and made some excellent records. The attendance was light. The best three games follow:

Haffner	163	165	233
Siebrecht	150	140	152
Nugent	89	100	116
Shaw	169	160	152
Roehrs	155	164	168
James	156	148	132

Next Monday evening will be an important one. Matters of interest to the club will be decided. Every member is requested to be present without fail.

J. Austin Shaw.

CHICAGO.

The Market.

Last week's market was very unsatisfactory, the accumulation of stock being decidedly unwieldy and prices low. There was a surplus in practically every line and a great deal of stock was sold in job lots at whatever the buyer was willing to give. This week conditions are slightly improved, the few days of dark and cold weather having served to retard production. There is yet, however, an ample supply for all requirements and prices are not as stiff as should be the case in comparison with the high grade of stock. It is seldom that the average receipts in this market have graded as well as at the present time but there is considerable complaint upon the part of wholesalers and growers that it is impossible to clean up each day's receipts; while the prospect is that a few bright days will largely augment the supply. It looks very much as though the spring glut were at hand. Country trade is holding up fairly well, although requirements are light, but city demand is again very weak, but this is nothing unusual at this season of the year.

Various Items.

L. Coatsworth and Leonard Kill went to St. Louis last night with some exhibits for the rose show to be given today by the St. Louis Florists' Club.

August Lange has closed the Floralia.

Geo. Reinberg reports that he used 122 cars of coal this winter.

A. L. Randall Co. has put in an addressograph to facilitate getting out price lists on short notice.

Frank Garland and M. Winandy will move into Room 218 in the Atlas block the latter part of this week.

Lottie Wilson, who was for a long time employed by A. G. Prince & Co., and later by Bassett & Washburn, died on Sunday. Several of the wholesalers sent flowers to her funeral Tuesday.

L. P. Kelly has moved his retail store to 423 W. Taylor street.

Chas. Balluff is looking for an opportunity to get back into the florists' business. He has had much experience in both the wholesale and retail departments.

A committee consisting of P. J. Hauswirth, H. C. Rowe and E. F. Winterson made an effort to get the mayor to override the ruling which prohibited flowers being sent to the council chamber for the aldermen who took their seats Monday night. They had a petition signed by practically all the wholesale and retail florists, but were told that they were too late to do anything for this year and flowers were barred, at a loss to the trade estimated at from $3,000 to $4,000. The same committee will go ahead and endeavor to get the rule rescinded before another year comes around and they will also take hold of the matter of the ban placed on flowers by the superintendent of schools, which is a more important matter, even, than the one relating to the city council.

The Geo. Wittbold Co. reports that March was the best spring month in its history, both in the wholesale and retail departments.

Stephen Costigan, who formerly kept a flower store on the north side, is reported missing by his mother, who lives in Cleveland and who has asked the police to locate her son.

Among the week's visitors were F. J. Foster, of St. Louis, and Abraham Grofvert, of Kalamazoo, Mich.

There was a meeting of the Horticultural Society on Tuesday. No business was done further than to appoint a nominating committee. There was considerable discussion of fall flower show affairs.

Flint Kennicott has suffered all winter with rheumatism and is now compelled to use a cane.

Ludwig Mosbaek lost about $800 in the recent big wind, which demolished a house filled with Boston and Piersoni ferns. His windmill, barn and coal shed were blown a long distance and all the trolley and other poles for a mile were blown down.

P. J. Hauswirth had the decorations for the Hamilton Club's large banquet April 9.

That many growers were late with their Easter lilies is shown by the quantities now in market. They are slow sale.

The weather man keeps a record of average temperatures and has it figured out that in the 102 days of the year to April 13 we were just 452 degrees short of the normal amount of heat.

PITTSBURG.

The Market.

Business in cut flowers is anything but rushing and, with heavy crops coming in, a general glut is not far off. Roses are accumulating and so are carnations. The demand for American Beauties is very light; the best can be bought at 30 cents. Brides and Maids are offered as low as $2 to $6 per 100. Some specials bring $10, but these must be fine. Fine carnations are quoted at $15 per 1,000 while fancy novelties bring only $3 per 100. Lilies are plentiful; $8 per 100 for the very best is the asking price. Violets have no fixed value. An abundance of fine yellow and white daisies, mignonette, sweet peas, candytuft, cut baby primrose and lilac is about. The only decidedly new flower in the market is yellow, white and purple Spanish iris, which is very fine indeed. Smilax is a very scarce article, but plenty of the other greens can be had to fill out on this green.

Bulbous stock, such as tulips, daffodils, narcissi, etc., is almost a thing of the past, and I judge from the left-over stock previous to Easter and the week following, this industry was just a trifle overdone. With all the growers in this section indications point to an abundance of flowers for some time to come.

Various Notes.

Theo. F. Beckert is cutting quantities of Spanish iris, which are handled by the Pittsburg Cut Flower Co. This firm is also receiving some extra fine Adonis, Goethe and Enchantress carnations from the Crystal farm at Bakerstown.

Burki is adding one more greenhouse to his Bakerstown plant, also a filteration plant for the water supply is now under construction.

Mose Dunlevy is cutting very fine narcissi, Bicolor Empress, Emperor and Sir Watkins as big as any one would want them.

Charles Hoffmeyer is cutting strong on a house of Kaiserins of good quality.

H. L. Blind & Bros. have a full crop of Maids and Brides which are hard to beat.

The season is exceedingly late, and no opportunity for outside work has presented itself.

Randolph & McClements say business is very satisfactory. Numerous good-sized wedding decorations are keeping them busy. Nothing but the very best stock is handled by this firm.

L. I. Neff, who has four retail flower shops, reports business fair with good prospects for a busy spring trade.

A. W. Smith was very busy last week with several large wedding decorations.

P. Peterman is supplying E. C. Ludwig with pink dahlias, A. D. Livoni, which were forced and came in for Easter.

S. J. Hatch, of the Wilkinsburg Floral Co., was married April 5 to Miss Mary Schumaker, of Wilkinsburg. Another florist has also joined the ranks of the benedicts. James Moore, who was married April 9 to Miss Mary Watt, is foreman of the Phipps Conservatories at Allegheny park.

Superintendent George Burk, of the Phipps Conservatories at Schenley park, estimated that 15,000 persons visited the flower show last Sunday, April 10.

Visitors: Charles Lindacher, Canton, O.; E. P. Hostetter, Manheim, Pa.

Hoo-Hoo.

Watertown, Conn.—H. A. Roeske says that the season's business is very good. He is having his usual fine results with sweet peas, for which he is noted.

Knightstown, Ind.—Floyd Williams has purchased Frank Brighthill's interest in the Beeman greenhouses and will continue the business with Will Konzleman.

In the classified advertisements of H. H. Berger & Co., March 31, the prices of maples and magnolias should have read each and per dozen instead of dozen and hundred.

Calla, O.—Richard and Wilbur Templin have sold their greenhouse property and all that pertains thereto to Norman Bushinger and Charles W. Hendricks, who will continue the business.

Iron Mountain, Mich.—G. F. Plowman will build another house 20x100 feet this season. He reports Easter trade as 100 per cent heavier than ever before. Lilies were fine and sold out clean. Flowering plants took the lead but cut flowers sold well.

ST. LOUIS.

The Market.

The latter part of the week following Easter the weather was cold, blustery and raining, and the past week has been correspondingly dull, with stock of all kinds and in all grades abundant and prices about half of the preceding week.

The week's business, among the retailers, consisted chiefly of funeral work, a few weddings and the opening of the new Jefferson Hotel, which used up quite a lot of cut flowers, also the ball held there which was one of the big social events of the year. Quite a number of weddings, receptions and dinner parties were reported for this week, for which any amount of first-class flowers are in the market.

A number of retailers are complaining that some of the shipments for Easter were what they termed "bum" stock, especially carnations, some of them unfit to send out to their customers. The latter part of last week, Thursday, Friday and Saturday, the market broke badly, in roses especially, including Beauties. The special grade of these came in so freely that the price has fallen below $3 per dozen. The smaller roses, such as Bride, Maid, Carnot, Golden Gate, Meteor and Perle, are sacrificed at an exceedingly low price, for $3 and $4 is surely a low price for choice stock. The quality of this stock was never better.

Carnations, too, are very plentiful at this writing and stock very fine. Fancies in Lawson, Wolcott and Enchantress sold as low as $3, with first-class stock at from $1.50 to $2 per 100. These prices bid fair to continue throughout the present week, as the wholesalers say the glut is on good and proper.

Violets are becoming scarcer, small and somewhat shriveled up and very much off color, still the best sell at 50 cents per 100. Harrisii are plentiful at $12.50. Callas go at $10. Paper Whites and Romans are almost over. Daffodils are a drug and so are jonquils. Valley is still good, at $3. Dutch hyacinths run $4 per 100. Sweet peas have some demand, with plenty in the market for all. First-class smilax is scarce, with a good demand at from 15 to 18 cents per string.

Shipping trade, which has been good at the wholesale houses, has fallen off since Easter. From reports it was very satisfactory for the season.

Various Notes.

J. W. Craig, of Philadelphia, is in the city looking after the planting around the Pennsylvania building at the World's Fair grounds.

The souvenir book of the St. Louis Florists' Club for our S. A. F. convention in August is now being pushed. This will be one of the most handsome books of its kind ever gotten up. It will give the desired information to those who will attend the convention, in fact a complete guide of the city and the World's Fair grounds. It will also be handsomely illustrated with photographic views of all the prominent places in the city and buildings at the World's Fair grounds, also of all the prominent members of our society. So every member of the S. A. F. may look for one at least one month in advance of the convention.

Superintendent Kuehn, of the trade display, has the plans of the exhibition hall in the hands of the printer and will be ready for mailing by the first of the week. Mr. Kuehn thinks that space will be at a premium by June 1. The convention is only eighteen weeks off and all committees are in working order. F. M. Ellis, chairman of the hotel committee, is perfecting his plans for hotel accommodations for the craft before, during and after the convention. Those in the trade who intend visiting us during this time should communicate with Mr. Ellis, at 1316 Pine street, who will be glad to answer all questions regarding hotel accommodations.

The few warm days early in the week found the plant stands in Union Market open and doing a rushing business. Among those who made displays were C. Young & Sons, Wm. Schray & Sons and C. C. Sanders. Trade in fruit, shade and ornamental trees, also hardy shrubs of all kinds, is very good this spring. Seedsmen on Third and Fourth streets report a big trade in grass seed and expect from now on to be very busy with everything in their line.

Bowling.

Of the eighty-seven games rolled by the members of the Florists' Bowling Club since the last convention, there will be found below the averages, totals, number of games and single high score.

Players.	Games.	Total.	Averages	High.
J. J. Beneke	87	15,391	177	253
C. A. Kuehn	84	14,836	177	243
Carl Beyer	48	8,109	169	259
A. Y. Ellison	22	3,611	164	209
Wm. Adels	45	7,020	156	217
Theo. Miller	87	13,554	156	214
F. M. Ellis	76	11,098	146	182
F. C. Weber	59	8,545	145	206
O. R. Beneke	63	8,918	142	191
F. H. Meinhardt	81	11,081	137	221
Freddie Weber	51	6,656	130	188
John Young	41	5,141	125	184

Each team had four players last Monday, team No. 1 again defeating No. 2. It was decided to bowl every Monday night hereafter on the New Palace alleys, corner of Twenty-second and Franklin avenue. The big team will visit Belleville next Sunday afternoon for a return match with Mr. Guy's team. The score of Monday night was as follows:

Team No. 1.	1st.	2d.	3d.	4th.	Tl.
Beneke	201	158	136	151	646
Miller	115	196	183	177	672
Weber	113	181	158	173	605
Weber, Jr.	130	113	131	142	516
Totals	559	648	608	643	2439

Team No. 2.	1st.	2d.	3d.	4th.	Tl.
Kuehn	202	166	125	182	675
Ellis	125	146	145	155	571
Meinhardt	138	135	157	153	583
Beneke, Jr.	132	175	137	145	585
Totals	597	622	564	635	2414

J. J. B.

CINCINNATI.

The Market.

Trade has not been very satisfactory since Easter. While now and then there has been a little spurt, on the whole things have been moving along very quietly and there has been little to disturb the generally serene atmosphere. True, there have been some good sized wedding decorations and also a goodly lot of funeral work, but had it not been for these there would have been a glut of no small size on hand. At present transient trade is very quiet.

Ever since Easter roses have been coming by the thousands and the price has dropped till the buyer has things very much his own way. The man who buys job lots is now in his glory and if he is lucky enough to have a lot of funeral work he is reaping a harvest. A majority of the roses are of poor quality and it is at times hard to fill even a small order with first-class stock. Ivory and Gate are much in evidence and there is some really fine stock of these varieties. There is not nearly so large a supply of carnations and at times there are not enough to fill orders. The price is holding up better than on roses. They are showing much better keeping qualities than for some time past. Bulbous stock is selling quite well, all things considered, and the supply and demand are about equal. Violets are scarce. Eastern ferns are about used up for this season, but there are some good dagger ferns that are selling well. Smilax is very scarce and asparagus of all kinds is equally so. There is very little adiantum.

Various Notes.

Mr. and Mrs. Charles Critchell have returned to Atlanta, Ga., after making a short visit with the home folks.

L. F. Darnell, store man for the J. M. Gasser Co., of Cleveland, passed through this city Monday on his way home from the south. He put in his time visiting some of our greenhouses.

The regular meeting of the Florists' Society was held Saturday night. The attendance was quite small but some business was done. It was voted to award the S. A. F. silver medal to The Cardinal and the bronze to Indianapolis, subject to the approval of the S. A. F.

Now that Easter business has been figured up and about all in the trade heard from, I find that on a general average it was fully as good as last year, but I doubt if it was any better. This was due more to the very bad weather we had than to anything else. There is no question in my mind but that, if the weather had been better, this year's Easter trade would have been fully twenty-five per cent ahead of last year.

C. J. Ohmer.

BOSTON.

The Market.

Since Easter trade has been dull, with flowers generally in oversupply. A number of large weddings which used flowers quite extensively helped to support the market. Prices all around have dropped considerably from a week ago. Violets are getting smaller, although Wm. Sim and other growers are still sending in extra fine stock. Mayflowers from the Plymouth woods are now quite plentiful and sell on sight.

Various Notes.

Wm. Sim, of Cliftondale, is one of the most successful of the larger growers for the Boston market. His pick of Princess of Wales violets for Easter was 120,000, all of first-rate quality. Sweet peas he also grows superbly; his Easter cut of these was 45,000. The only varieties grown are Mont Blanc and Earliest Of All. Probably no such sweet peas were ever before seen in this or any other market. Mr. Sim also grows stock for Decoration day trade in quantity, chrysanthemums, cucumbers and tomatoes.

Azaleas are at present the most salable of pot plants and the various florists are making good displays of them. W. E. Doyle, at his Boylston street store, had his large window filled with beautiful specimens of Vervæneana the past week.

Thomas Galvin, at his Tremont street store, has a window entirely filled with Carnation Mrs. M. A. Patten, one of Peter Fisher's introductions. The blooms were of superb quality and attracted considerable attention.

There will be quite a number of valuable special prizes offered at the meeting of the American Rose Society here in 1905, by residents of Boston and vicinity.

Peter Fisher speaks before the Boston Gardeners' and Florists' Club on April 20, on "The Carnation." He is sure of a large and interested audience. It will pay disseminators of novelties to send a few blooms along for this meeting.

S. J. Goddard is busy on his new greenhouse plant at Framingham. He is one of the most successful carnation growers for our market and has one or two seedlings which will be heard from later.

Dutch bulb travelers have been quite numerous of late and claim to have booked very large orders. Some of them are looking up private places and offering goods at the same rates as to market growers, as well as making other "special inducements" to purchasers.

The schedule for the Massachusetts Horticultural Society has usually not been issued before January 1, but this year it is hoped to place it in the hands of all would-be exhibitors not later than September 1. An effort will be made to considerably increase flower and plant premiums. The question is sometimes debated as to whether or not music pays at flower shows. At the spring exhibition in Boston in 1903 music was used at a five-day show. This year it was dispensed with entirely at the four-days exhibition recently held. The results would seem to justify the change, for John Farquhar, chairman of the committee of arrangements, states that the net profits will be about $250 more than in 1903. So far as can be learned, only two ladies were found who wanted their money back owing to the absence of music, and it was cheerfully returned.

The results of the late winter are becoming more evident as we get warmer weather. Rhododendrons are badly killed and where plants are spared flower buds are killed, Rhododendron maximum suffering even worse than the Catawbiense hybrids. Kalmias and andromedas also died out badly. Numerous other evergreens are badly scorched. Crimson Rambler rose, which has also previously proved ironclad, is entirely killed above the snow line. That pretty Rosa rugosa variety, Mme. Georges Bruant, is killed out entirely. Many other rose species have suffered severely. Some of the viburnums, forsythias, weigelias, stephanandras, ligustrums and other deciduous shrubs are badly killed and much planting will be needed to replace dead stock.

There will be a prize exhibition at Horticultural Hall on May 7. Classes are provided for Azalea indica, calceolarias, pelargoniums in variety, tulips, narcissi, native plants and a variety of vegetables.

The energies of growers are now being bent on stock for the Decoration day trade, which assumes immense proportions in New England. Probabilities are that more outdoor flowers than usual will be in season this year, owing to the lateness of the spring.

W. N. Craig.

PHILADELPHIA.

The Market.

The halcyon days of the cut flower market are over for the season. Stock is coming in freely and a marked decrease in the volume of business at the close of last week caused a bad break in prices. Some improvement was shown this week, thanks to good local and shipping orders, but there is not near enough business to absorb the stock offered.

Lilies are as was expected very plentiful and can be had in quantity for a mere song. Carnations have fallen off considerably, especially the fancy grades, which have been so popular during the season. Violets are also much lower in price, but decrease in production prevents their decline being so marked as is that of other flowers. Sweet peas are in good and valley in fair demand, with some pretty nice stock offered. Beauty and Edgely have fallen off about one-half and are very much harder to sell than at last week's quotations. Select tea roses are fairly desirable, but seconds and culls are a burden indeed. Daffodils of every description are to be had for the asking, or nearly so, and tulips are little used. The bright particular spot on the list are the greens; smilax, asparagus and hardy ferns are all in active demand.

Various Items.

The April meeting of the Germantown Horticultural Society was held on Monday evening in Association Hall. There was a good display of blooming plants. "The Preparation of Soil," by Albert Woltemate, and the "Harbingers of Spring" were the subjects for discussion.

A Japanese catalogue just received in this country closes with the following delightful paragraph: "And I as well as any Japanese, also beg to thank to the kind sympathy expressed by the American and English friends toward the present hostilities against Russia."

B. Eschner received a message from M. Rice, on the Deutschland in mid-ocean by Marconi wireless telegraphy.

Eugene Bernheimer is receiving fine lavender sweet peas.

The Florists' Club is considering a May party in June at Essington.

Wm. K. Harris had an unusually good Easter. His stock was exceptionally well grown.

A. Leuthy, of Boston, was a visitor lately.

The street fakirs are in their glory now, offering quantities of flowers at tempting prices.

Edward Reid has the sympathy of his friends in the loss of his father-in-law, Mr. Anderson, of Garrettford.

Albert Woltemate grew a very large stock of plants for Easter. His lilies sold out cleanly.

Charles F. Edgar & Co. have had some good shipping orders this week.

The bulb growers' salesmen are not meeting with a very good demand this season from florists who force Dutch bulbs for cut flowers. The demand for bulbs for outdoor planting is increasing, however.

W. J. Baker still wears the satisfied look of one conscious of hard work well done despite the present quiet.

W. P. Peacock, Ateo, N. J., was in town this week. Phil.

PORTLAND, ORE.

Easter Trade.

The memory of the past few weeks has been entirely supplanted by satisfaction over the results of the Easter trade. Our efforts were put to a great test in bringing stock into bloom at the right time. The pioneers of Oregon do not remember such a wet season in twenty years. During February we had twelve inches of rain and only ten hours of sunshine. March treated us little better. April brought the first real signs of spring. The Saturday before Easter was fine until 6 p. m., but from that time till midnight it rained great guns. Sunday was an ideal day. From reports to date we are able to state that a 20 per cent increase was realized over last year, all good available stock being easily disposed of and at a slight advance on regular prices. We have learned that the public will not stand high prices at Easter in our temperate climate. Nothing new in the way of novelties was introduced, but all blooming plants were finely done and trimmed to suit the most fastidious.

The Easter lily again maintained its popularity and there were none left unsold. Azaleas and spiræas were also in demand, but they sell better here in the winter months. Potted hyacinths were the finest seen here in years, single plants retailing as high as 50 cents each. There were enough plants to meet all demands, as cut flowers are a more important factor in our city.

Considering the early date of Easter and the absence of sunshine, the quality of home-grown stock was all that could be expected; and liberal importations from California enabled us to fill all orders in the cut flower line. Calla lilies were more freely used in church decorations than heretofore and there were plenty of them. We grow them here on five-foot stems, as vigorous as Oregon timber. Those shipped in from California are too soft and poorly packed to be a profitable investment. The supply of roses was limited, as there is never a surplus here during the wet season. Prices ranged from $1.50 to $4 per dozen. The carnation might be styled the queen of the flower market, as it seems to be a favorite with all and is more generally used here than any other flower. Leading varieties retailed from $1 to $2 per dozen. Violets were seen at their best and were on in full crop. In quantity, bulbous stock predominated and sold fairly well at a moderate price. Most of it was grown outside and that protected from the heavy rain was par excellence in quality.

An item which helped to swell the receipts of the week was an unusually large call for funeral work. All good short-stemmed flowers were used to an advantage. H. J. M.

Lafayette, Colo.—F. Haenselman, the landscape engineer, has removed here from Denver.

The Review is a ray of light, a morning sun to the progressive florist.—J. R. Elder, Sioux City, Iowa.

Harrisburg, Pa.—Charles Schmidt reports big business at Easter. The calls for violets were very large indeed.

Hinsdale, Mass.—H. J. Smith reports being still rushed with orders. Ferns are getting scarce but he is still filling a good share of his orders.

Choice Quality

Not only is Stock Equal to All Requirements and Reasonable in Price, but Qualities were Never Better in ROSES and CARNATIONS. First-class in All other lines. SEND US YOUR ORDERS.

ALL CUT FLOWERS IN SEASON

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—40-inch stem	$4.00
24-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	$5.00 to $6.00 per 100

	Per 100	
Brides and Maids	$3.00 to	$8.00
Meteors and Gates	3.00 to	8.00
Perles	3.00 to	6.00
Roses, our selection	3.00	
Carnations	1.50 to	2.00
" large and fancy	3.00 to	4.00
Violets	.75 to	1.00
Valley	3.00 to	4.00
Romans, Paper Whites	2.00 to	3.00
Tulips	3.00 to	5.00
Daffodils	2.00 to	3.00
Sweet Peas	.75 to	1.00
Callas, per doz.	$1.25 to $1.50	
Harrisii...per doz.	1.00 to 1.50	
Asparagus, per string, 30 to 50c.		
Asparagus Sprengeri	3.00 to	6.00
Ferns...per 1000, $3.50		.40
Galax.....per 1000, $1.25		.15
Adiantum		1.00
Smilax .....per doz., $2.50.		
Leucothoe sprays		1.00

Subject to change without notice.

CATTLEYAS ..... per dozen, $6 00
DENDROBIUMS ..... per dozen, 2.00
CYPRIPEDIUMS ..... per dozen, 2.00
Assorted Orchids, $5 to $25 per box.

ORCHIDS

"Get in the Habit"

Of calling up,
Long Distance Phone Central 3598,
or Telegraph, or a letter to

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

WHEN YOU WANT

Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

GENEVA, ILL.

Geneva has become headquarters for one of the largest Boston fern producing establishments in the west. The soil conditions seem particularly suited to this plant and Davis Bros. make it their specialty. They have 15,000 feet of glass and it is wholly given up to the fern, their stock at the present time being close to 25,000 plants, including all sizes. They have about 80,000 feet of glass at their other establishment at Morrison, Ill., where practically the whole run of greenhouse stock is grown, even vegetables being a profitable item there.

NEW HAVEN, CONN.

Easter Trade.

Easter trade was a record breaker but about all the sales were made on Saturday. Friday was so wet that there was hardly any business, but Saturday was as if made to order and by noon there was a shortage on many lines of stock. Flowering plants took the lead, with Lilium Harrisii in the front and pink and white azaleas a close second. The azaleas were very good this year, also the rhododendrons and much in demand. Hydrangeas were less in demand, as were Crimson Ramblers, hybrid roses, genistas and ericas. Primroses were very scarce, very few being in bloom. Pansies were in demand but no supply. Azaleas, lilies and carnations were the best ever seen at Easter, and the supply was as large as the quality was good. Some of the local growers helped to make bulbous stock plentiful by keeping their tulips in cellars a couple of weeks too long; nevertheless every one sold. The demand for violets was equal to the call for a football game and everyone was sold out soon after noontime, and Sunday morning the retailers were hurrying around to see where they could get a few flowers or plants to fill orders and "any old thing" would do as long as it showed a little color.

Notes.

Mr. Henderson, the Whitneyville florist, has taken charge of the Barnes' greenhouses in this city, his son taking their own business in hand.

Mr. Angus, who succeeded R. Mackenzie, at the Barnes greenhouses, has gone up New York state to take a better position.

S. H. W.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems.....per 100,	$5 00 to $6 00
Bridesmaids.....per 100,	6 00 to 8 00

	Per 100	
Bride	$6 00 to	$ 8 00
Ivory	6 00 to	8 00
Liberty	6 00 to	8 00
Golden Gate	6 00 to	8 00
Perle		3 00
Carnations, good		4 00
" fancy		

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

Vegetable Forcing.

Southern vegetables are dominating the New York and Philadelphia markets, but prime indoor stock still finds a ready and profitable market.

Chicago, April 13.—Radishes, 25 to 75 cents dozen bunches; rhubarb, $1.50 per 40-lb. box; lettuce, $2 to $6 per barrel heads; leaf, 40 to 45 cents case; cucumbers, 50 cents to $1 dozen.

CUCUMBER CROPS.

The White Spine is probably the most productive of any strain of cucumbers grown under glass. Since cucumbers are quite dependent upon light, the largest yields occur in the spring or summer, when the sun is high, the days longer and the light more intense. In one house containing 460 plants set out April 1, there were picked between May 1 and August 25, 30,000 cucumbers, or an average of about sixty-five to a plant, which sold for 3 cents each. The plants were in good condition and bearing prolifically at the last named date. Another house containing 986 vines yielded from May to October 47,094 salable cucumbers, or an average of forty-seven to a plant. A larger yield would undoubtedly have been obtained in this house if fewer vines had been planted. A crop started June 19 and running to September gave an average of eighty-eight cucumbers per plant. One grower maintains that his spring and summer crop usually averages about ninety to a plant. In a house containing 200 plants 31,060 cucumbers were produced between June 1 and July 15, or an average of 155 cucumbers per plant. They brought from 2 to 7 cents each. W. W. Rawson, who plants cucumbers after two or three crops of winter lettuce, is said to produce 600,000 cucumbers per year. He picks about 2,000 per day in March, 4,000 in April, 10,000 in May and 15,000 in June. The largest picking he records is 50,000 in one day. It will be noticed that these records are all for spring and summer crops. The yield for fall and winter crops is much smaller. A fall and winter crop that will average twenty-five to fifty cucumbers per plant is a desirable one. The yield of individual plants is sometimes quite remarkable. In one instance 149 No. 1 cucumbers were picked from one plant. In another instance over 200 were picked from a single plant, twenty-one of which were picked on three consecutive days. The largest amount of fruit occurring in a single axil of which we have a record is six. Outdoor cucumbers for pickles are noted as great producers. The largest and best crop we saw last summer gave a yield of 102,700 pickle cucumbers from three acres as a result of two pickings during one week. —Geo. E. Stone, in bulletin of Hatch Experiment Station.

RHUBARB.

The forcing season for this article is about over, but the present is a good time to look after stock for another season. We have tried planting out the old, forced roots but find that they take so long to regain strength that it is cheaper to use fresh roots. The stronger these roots are the better article they will produce, so that the procuring of the proper class of stock is more than half the battle. Large clumps are never desirable for forcing purposes, as when they get too large the product is weaker, especially in the center of the clump, even outdoors when they are grown under natural conditions. The reason of this is easily observable, as the outside parts of the clump have freedom to send out its roots and seek nourishment, when the central crowns are hemmed in all around, hence the necessity of dividing when the clumps become too large. The size of the divisions may best be regulated by the space at command; if plenty of ground is at disposal I would consider it best to plant single crowns. These, if well cared for, will make strong plants for lifting to force in three years. If room is limited the plants could consist of two or three crowns, but should not be forced the first winter after transplanting. Two years' growth will make the plants much more profitable for forcing purposes.

A mistake is often made in planting the crowns too deep. They are deep rooters anyway and will soon find their way down, and where the soil is shallow should they reach the subsoil they are not only unable to procure food for the plant but are apt to rot. The crowns are better left even with the surface. All growth made by the plants the first season should be left so as to allow the plant to gain strength. The pulling of the stalks would have a weakening influence. The second year some of it might be pulled, if desired, but the less the better and under no circumstances should the plants be severely cut down.

Another means of propagation is by seeds. Some prefer this method rather than division, claiming that a stronger, more vigorous plant can be procured. It takes three years from the time of sowing the seeds to procure extra strong plants. We have forced it the second year but the results were not so satisfactory as when three-year-old plants were used. The seed should be sown in spring after the ground has become warm, say at the end of April or beginning of May. Sow thinly in rows two feet apart and thin out to about nine inches in the rows after the plants are well up. Transplant the following season, leaving them three feet apart each way and keep well cultivated. Rhubarb requires a good, rich soil and will amply repay for liberal manuring. Cold, damp situations should be avoided.

Of the several varieties in cultivation we prefer Victoria. It is a good, free grower, well flavored, crisp and highly colored, retaining good color even when forced. W. S. Croydon.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

The continued backwardness of spring is getting serious.

The onion set grower who knows the importance of early seeding is wondering where he will land.

Snow fell at Chicago April 9.

The week shows a little improvement over last week for counter trade, but it is far from what it should be.

The market gardener is getting uneasy. If he cannot plow soon he will have to start building greenhouses.

Newspaper reports are to the effect that the cantaloupe fields near Greeley, Colo., will approximate 2,000 acres this season.

Onion sets are cleaned up; orders during the week have had to be refused from lack of stock. The retail houses are just holding enough for counter trade.

August Leibius, aged 75 years, died at Toledo, April 3. For some years he managed the branch of the Henry Phillips Seed and Implement Co., at Archbold, O.

Seed dealers at Boston report a very late counter trade season, but for the past two weeks they have been rushed to their limit. Frost is at last out of the ground and plowing and seed sowing in full swing.

Bean contracting is slow work. The garden varieties are thought to be less hardy than the white navy bean and if the farmer cannot get the variety he wants, it is hard to get him to take the variety the seedsman wants to give him.

Progress in making arrangements with farmers who grow seeds on contract is nearly at a standstill. The outlook for the good start which they usually depend on for success in seed growing is so poor that some of the best growers are afraid to take hold.

At points in the vicinity of Chicago and those of the same latitude east and west the seedsman is likely to lose the sale of at least one sowing of spinach, radish and similar early crops. The gardener will not be able to plant anything this year until the usual time for a second sowing is at hand.

FRESH
Cycas Stems
Fresh Importation.
Per 10 lbs., $1.25; per 25 lbs., $2.50; per 100 lbs., $8.00.
Tobacco Stems, per bale, $1.50
W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

Wanted--Japan Lilies
OF ALL KINDS.
State Quantity, Sizes and Price.
JAMES VICK'S SONS,
ROCHESTER, N. Y.
Mention The Review when you write.

SPECIALTIES IN
VEGETABLE AND FLOWER SEEDS.
Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c
WEEBER & DON, Seed Merchants,
114 Chambers St., NEW YORK CITY

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote

Lilium Harrisii
Lilium Longiflorum
Dutch Hyacinths

and other Bulbs for florists. Send for prices, stating kinds and quantities required.

Asparagus Plumosus Nanus,
$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Rees & Compere

Growers and Wholesale Dealers in

High-Class Flowering Bulbs.

P. O. Address: Long Beach, Cal., R. F. D. No. 1

Ranch at Burnett, 3 miles north of Long Beach Cal.

THE LARGEST PRODUCERS OF FREESIA BULBS IN THE UNITED STATES.

SPECIALTIES—Freesias, Grand Duchess Oxalis, all colors; Bermuda Buttercup Oxalis; Chinese Narcissus, Hybrid Tigridias, Childanthus, Zephyranthes, Ornithogalums, Sternbergias, Amaryllis Johnsoni and Belladonna Major and Minor.

Prices to the Wholesale Trade only on application.

Mention The Review when you write.

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100.....$1.50
Per 1000.....13 00
Per case of 2,500.....30.00

H. N BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

RAWSON'S
Arlington Teated
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

Cycas Revoluta Stems

1 to 5 Lbs. each, 300 Lbs. to case. Sold in case lots only.

SEND FOR OUR LIST OF **Surplus Nursery Stock.**

SUZUKI & IIDA, 31 Barclay Street, **NEW YORK**

Mention The Review when you write.

Asparagus Seeds

WE HAVE JUST RECEIVED A FRESH CROP of Asparagus Plumosus Nanus and Asparagus Sprengeri Seed. We know from actual tests that nearly every seed will germinate with ordinary care. You will make no mistake by growing this splendid seed now.

ASPARAGUS PLUMOSUS NANUS seed, greenhouse grown, will germinate nearly 100 per cent. New seeds, $1.00 per 100; $7.50 per 1,000.

ASPARAGUS SPRENGERI, new crop seed, 15c per 100; $1.00 per 1,000. Special prices on large lots. **Send for Wholesale Catalogue.**

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

Mention The Review when you write.

SPECIAL OFFER: **Giant Flowering BEGONIAS and GLOXINIAS** HIGH GRADE BULBS from a GHENT SPECIALIST

Single Begonias, bulbs 1¼-inch and upwards in diameter, scarlet, white, crimson, rose, yellow, 30c per doz; $2.25 per 100; $20.00 per 1000.

Tuberous Rooted, Double, 5 separate colors, 50c per doz.; $4.00 per 100; $35.00 per 1000.

GLOXINIA CRASSIFOLIA ERECTA -- SPLENDID BULBS.

Selected Bulbs, 1¼ to 2 inches, 5 separate colors, blue, white, purple, red, spotted and tigered 60c per doz.; $4.00 per 100. **Second Size,** 1¼-inch and up, mixed, 40c per doz.; $3.00 per 100.

Get our prices on **Peonies, Dahlias, Cycas, Tuberoses and Gladioli.**

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

Mention The Review when you write.

Lawn Grass Seed in bulk and packages

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

Burpee's Seeds Grow

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

The latter part of Easter week was all that could be asked for as to weather. Monday, Tuesday and Wednesday were showery—on Thursday the sun came out and we have had beautiful weather ever since. Business for Easter was about the same as that of last year, no special rush anywhere and plenty of stock to fill all requirements. Lilies sold well and there were plenty to be had. The stores retailed them at from $4 to $6 per dozen stems and plants in pot at $1 each, although some extra large stems in 7-inch pots retailed at $1.50 each. Azaleas sold well in 6 and 7-inch pots at $2 to $3 each. Roses were not overplentiful and sold at fair prices. Carnations were in good supply except whites and they wholesaled at $3 and $4 per 100. A few growers had patches of Empress daffodils and easily disposed of them at $1.50 per 100. Narcissus poeticus at $1 per 100 and valley at $3 to $4, were eagerly bought up. Some white lilac both in pots and from the open was shown in the larger stores and quantities of cherry and pear blossoms helped keep up the show. All sorts of evergreen stuff sold well and we have an ocean of it at this time. Calla lilies were used for church decorations by the thousands and sold wholesale at $1 per 100. Spiræas in pots sold wholesale at from $6 to $9 per dozen. Take it as a whole, business was up to the usual Easter mark and all the growers I have seen were well pleased with their sales and the retailers with only a few exceptions seem to be satisfied.

Various Notes.

During Easter week Sievers & Boland had by far the largest and most artistic show of flowers and plants in town. Their windows were a center of attraction and their big trade well justified the trouble this enterprising firm goes to, to keep them up.

F. Shibeley had a very busy Easter. He handles nothing but first-class stock and does a good shipping business as well as conducting one of the largest retail stores in town.

Some complaint was made that many of the Easter lilies delivered in pots had been only transplanted in them a few hours, being taken from boxes and staked up for the occasion. They did not hold their heads up well, in many instances not being sufficiently established to stand the change of temperature from the greenhouse to the store. The plants came from the Japanese growers entirely, I am told. G.

Ottawa, Ill.—Fred J. King was laid up during the Easter rush but is now able to be about again.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.
LOOMIS, CAL.

Mention The Review when you write.

CALIFORNIA SEEDS.

Shasta Daisy—75c per 1000 seeds, $6 50 per 10,000. **Geranium**—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz. **Smilax**—$2.00 per lb **Ipomœa**—"Heavenly Blue" 40c oz., $3 50 per lb. **Cyperus Alternifolius**—25c pkt., $1.00 per oz. **Alsophylla Australis**—(Australian Tree Fern) 50c pkt., $7.50 oz. **Apple Geranium**—75c per 1000 seeds. **Asparagus Sprengeri**—50c per 1000 seeds. **Erythea Edulis**—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1.50 per 1000 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co., Ventura, Cal.

Mention The Review when you write.

True Asparagus Plumosus Nanus Seed

$6.50 per 1000.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9 00
Gov. Wolcott.	3.00	25.00	Mrs. Joost ...	1.20	10.00
White Cloud..	1.00	9.00	**Variegated.**		
Scarlet.			Armazindy...	0.85	17.00
America	1.00	9.00	Prosperity ...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100, and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

A CALIFORNIA OPPORTUNITY

Owing to death and the settlement of an estate one-half of the stock of the Leedham Bulb Co., Santa Cruz, Cal., is to be sold. It is preferred that this interest pass to a practical man who can devote his full time to the business. Cash to the amount of $2000 is required. The business is in good shape and can be largely developed. This is a splendid opportunity for the right man. The land controlled by the company is ideal soil for bulb growing. Plenty of water. Climate the best on the Pacific Coast. The property of the company has been examined by the editor of the Florists' Review and he has expressed the belief that there is a great future for the business.

Address

E. LEEDHAM,
SANTA CRUZ, CAL.

Always mention the Florists' Review when writing advertisers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

The Rochester district reports nursery shipments fully a month late.

C. M. Harrison will close out his nursery at Glasgow, Mo., and remove to a fruit farm in Saline county.

The Johnson Orchard and Nursery Co., of Dallas, Tex., has increased its capital from $10,000 to $20,000.

W. T. Harris, formerly with Youngers & Co., at Geneva, Neb., is starting in the nursery business at Black Foot, Idaho.

In smoky cities the planting of the London plane tree, Platinus orientalis, is recommended. It endures conditions fatal to most large growing trees.

In the Westchester, Pa., district larger forces than ever before employed are digging stock and shipments are going forward with celerity as a short season is feared.

L. R. Taft, of Agricultural College, Mich., has been tendered the appointment as chairman of awards for the horticultural department at the St. Louis World's Fair.

The Werick Bros. Co., at Cheektowaga, N. Y., has been incorporated with $7,000 capital to do a general nursery business. The incorporators are E. W., C. H. and H. P. Werick, of Buffalo.

A novelty in the advertising line is a card sent out by the Peterson Nursery, Chicago. It is intended to go in the buyers' card index and gives concise information as to the stock offered by the advertiser.

An authority estimates that there are now 1,800 peach orchards in Georgia and that approximately a million trees will bear this year, with a prospect of shipments this season aggregating 5,000 cars. The best previous year was 1898 with 2,500 cars.

BELATED NURSERY STOCK.

The Sloterdyke, from Rotterdam to New York, arrived April 7 with a large consignment of nursery stock, aggregating 819 packages. The stock left Holland March 12 on the Statendam, which broke down, and the cargo was transhipped. The manifest showed horticultural wares as follows:

Cheas & Boddington Co., 29 cases plants; P. Ouwerkerk, 52 cases; A. Rhotert, 7 cases; J. MacHutchison & Co., 180 cases, 78 hampers, 2 packages; Wm. Elliott & Sons, 47 cases.

To customs brokers there were consigned: C. B. Richards & Co., 49 cases plants; B. F. Vandegrift & Co., 20 cases; Walters & Ware, 173 cases, 35 hampers; J. W. Hampton, Jr., & Co., 4 cases; Company's General Agent, 140 cases, 2 hampers plants, 6 cases bulbs; J. M. Thorburn Co. had 4 cases bulbs; J. Ter Kuile, 1 case bulbs; Knauth, Nachod & Kuhne, 2 cases bulbs, 1 case flower roots; Merchants' Despatch, 1 case plants and 100 bags garden seeds.

WE QUOTE YOU

	3/4-in.	5/8-in.	1/2 in.	3 1/2 ft.
Apple, 52 varieties....	3½c	3 c	2 c	
Peach, 32 varieties.. .	4½c	4 c	3½c	2½c
Pear, Std., 14 varieties.	10 c	9 c		
Pear, Dwf. 8 varieties.	5½c	4½c	4 c	
Cherry. 7 varieties....	18 c	16 c	14 c	
Apricot 6 varieties...	10 c	8 c		
Plum, 10 varieties.....	24 c	20 c	14 c	

Blackberry, 6 varieties, first-class, root-cutting plants.....1 c
Currants, 7 varieties, first-class, 2-year plants.....5 c
Shrubs, 15 sorts, 2 feet.....6½c
Shrubs, leading sorts, 3 to 4 feet.....8 c

SHADE AND ORNAMENTAL TREES

	3/4 to 1-in.	1-in.	1½-in.	2-in.	3-in.
Car, Poplar, 1st class.	9c	15c	20c	30c	40c
Soft Maple, 1st class..	7c	9c	12c	20c	35c
Elm Americ'n, 1st class	10c	14c	20c	30c	
Hard Maple, 1st class.	20c	35c			
Willow assorted.....	18c	22c			
Boxelder.....	12c	14c	18c		
Catalpa Spec.....	12c	14c	20c		

SHRUBS, ETC.

	2 feet.		3 to 4 ft.	
Syringa, Garland.....	500	5c.....	600	9c
Spiraea, Bill.....	500	5c	700	9c
" Van Houttei.....	600	6c.....	1000	12c
Lilac. purple.....	400	5c.....	400	8c
Weigelia. V. L.....	190	9c		
Berberry, purple	600	3c.....	700	5c
Fringe, purple.....	450	5c.....	400	8c
Hydrangea P G....			800	8c
Althea, assorted.....			1000	7c
Yucca.....			400	4c

5 Through Trunk R R. Lines from Springfield, Ill

Free Boxing for cash before shipment and at cost if payment by May 15th. Certificate from Entomologist on each shipment. Can ship quick.
Yours sincerely,

SPAULDING NURSERY AND ORCHARD COMPANY
NEAR SPRINGFIELD. SPAULDING, ILL.
Mention The Review when you write.

VAN DER WEIJDEN & CO.

BOSKOOP, · HOLLAND.
Growers of Nursery and Florists' Stock such as Rhododendrons, Taxus, Boxwood, Pot-grown Plants, H. P. Roses, etc.
Ask for prices. CATALOGUE FREE. Address
D. G. WIEGAND BRUSS,
Care MALTUS & WARE.
No Agents. 136 Water St., NEW YORK
Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book,** containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.
Mention The Review when you write

A Few Hundred

choice trees of Sugar Maple and Elm, 12 to 14 feet. Tulip Poplar, Sweet Gum, American Linden, 3 to 4 inch. Caliper. Spirea Van Houttei, 3 to 4 feet. List of other stock with prices sent on application.

Highland Ave. Nursery, Salem, Ohio.
Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

EVERGREENS

View of one of our blocks of Evergreens.

The **GLENWOOD NURSERIES** offer the finest trees, both **Evergreen and Deciduous; Flowering Shrubs and Vines** of all sizes in general assortment.

Root-Pruned SPECIMEN EVERGREENS,

Also SMALLER ONES for lining out are a special feature at our nurseries.

SEND LIST OF WANTS FOR ESTIMATES.
New Trade List for the asking.
We invite you to visit our Nurseries.

THE WM. H. MOON CO.

60 miles from New York.
30 miles from Philadelphia.
MORRISVILLE, PA.

Hardy Roses

2-year-old bushes, all leading varieties, $11 per 100; $100 per 1000.
ASPARAGUS PLUMOSUS NANUS Seed, greenhouse grown, 75c per 100; 6.00 per 1000.

FRESH CYCAS STEMS, 1-6 lbs. each.....$8.00 per 100 lbs; 300 lbs. for $21.00.

Arthur T. Boddington, 35 Warren St., New York.

Mention The Review when you write.

SPECIAL OFFER IN SURPLUS TREES

We offer for Spring Delivery 800,000 ornamental trees of Ash, Elm and Linden at a price that will astonish you.

	per 100	per 1000
3-5 feet.....	$3.00	$25.00
5-7 feet.....	5.00	40.00
7-9 feet.....	8.00	70.00

Refereuces: Bank of Glenwood.

All grown in our nursery in Northern Minnesota. CASH WITH ORDER, 5 per cent discount and packing free. **GLENWOOD NURSERY, Glenwood, Minn.**

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ **UNEQUALLED FACILITIES**
Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

CALIFORNIA PRIVET

			Per 1000
200,000	2 years,	2 to 2½ feet, very bushy.....	$20.00
150 000	2 "	18 to 24 ins., " "	16 00
100 000	2 "	12 to 18 " " "	10.00
200 000	1 year	12 to 18 " branched.....	9.00
200 000	1 "	10 to 12 " "	7.00
100 000	Cuttings,	8 ins., strong	.80
100,000	"	8 " light	.60

Also have 10 000 Canna Roots in ten leading varieties from 75c to $1.25 per 100. 2000 Double Grant Geraniums, from 2½-inch pots, $2.00 per 100. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Samuel S. Pennock,

White Violets, Orchids, Wild Smilax.
The Newest Ribbons and Florists' Supplies.
APRIL SPECIALTIES -- Wheat Sheaves, Cycas Leaves, Fresh Cape Flowers.

Wholesale Florist,
1612 Ludlow Street, PHILADELPHIA.

ROCHESTER, N. Y.

Easter business was very satisfactory. Cut flowers of all kinds sold well, violets taking the lead; thousands more could have been disposed of. Carnations sold at $4 to $6 per 100, or as high as $1.50 per dozen retail for fancies. There was a good call also for pot plants, especially azaleas and lilies. Since Easter everything has been very quiet, so there is quite a little stuff left over, but it is cleaned up every day by the Greek at the four corners.

G. Bennett reports a small loss since the thaw as water got into one of his greenhouses and flooded his violets. He will build one more carnation house this season. 26 x 150. He grows for J. B. Keller's Sons and expects to be able to cut all they can use next season.

C. Fry reports business very satisfactory. He has a good many houses devoted to carnations and gives his foreman, G. Faust, entire charge and it is run in the best of shape, as they have had heavy cuts all winter. He will build another house 30 x 200 feet.

Ed. Brockman picked over 2,000 Lawson carnations from 1,300 plants for Easter, which he sold at $5 per 100.

H. M.

PITTSBURG FLORISTS' CLUB.

The officers of the Pittsburg and Allegheny Florists' and Gardeners' Club for 1904 are:

President, Wm. Falconer; vice-president, E. C. Reineman; treasurer, Fred Burki; secretary, H. P. Joslin; assistant secretary, E. C. Ludwig; executive committee, P. S. Randolph, John Bader, Fred Burki.

UNIONTOWN, PA.—The Barton Floral Co., opened a retail store at 5 South Gallatin avenue just in season for the Easter trade. The store is in charge of Rhea Barton and a big business was done. Messrs. Steele and Thompson are in charge of the greenhouses.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head

FOR SALE—An elegant greenhouse plant of 40,000 square feet of glass; 2 acres; must sell; have other business; write for particulars. Address No. **106** care Florists' Review, Chicago.

WANTED—To rent by married man, a place of about 15 000 to 20 000 square feet of glass, with about 2 acres of land and a house. Address No. **108**, care Florists' Review, Chicago.

WANTED—To rent 15 000 to 25 000 square feet of glass in good condition on or before June 1st. Address No. **107**, care Florists' Review, Chicago.

WANTED—A florist, who can grow carnations, roses mums and general line of plants; a steady job to the right man; wages $55 00 per month. Address No. **102**, care Florists' Review, Chicago.

FOR SALE—12 000 feet of glass; good house and barn, horses, delivery wagons and tools; houses recently built and well stocked for plant and cut flower trade; home demand for more than can raise; $3 800 cash, $1 000 on time; well worth $1 000 more; if taken soon spring trade will pay $1 000 on purchase price. For particulars address No **105**, care Florists' Review, Chicago.

WANTED—An all around florist to grow roses, carnations and general greenhouse stock; must be temperate, reliable and capable; best of reference as to ability, etc., required. Address No. **104**, care Florists' Review, Chicago.

WANTED—To rent, with privilege of buying a well established greenhouse in good running order May 1st; about 15,000 or 20 000 sq. feet of glass; well stocked; only well stocked place need answer. Address No. **103**, care Florists' Review, Chicago.

WANTED—At once 2 florists for general work; must be good on bedding out and swift workers; wages $3.00 per day; work will last till November. Address V. Siegel, Columbia Gardens, Butte, Mont.

WANTED—A man who understands growing roses, chrysanthemums and general greenhouse stock and to act as foreman. Address Salter Bros. Rochester, N. Y.

WANTED—Neat young man with some experience in florist business to drive and deliver; must be acquainted with city. Apply with references, S. Muir, 3530 Michigan Avenue, Chicago.

WANTED—Sober, reliable man, able to take charge; retail place; 5 000 feet, roses, carnations and budding plants; steady place for a good man; state wages expected with board and room. Address Murphysboro Greenhouses, Murphysboro, Illinois.

FOR SALE—Greenhouse property consisting of 4 70-ft. houses with windmill, water tank, steam pump, boilers etc., house, barn and plenty of shed room, also long time lease on 6 acres of good land 2½ acres of which is in fancy asparagus; located on the Pan Handle Railroad, 2 miles from Harvey, 2½ miles from Hammond, 4 miles from Pullman and alongside of a large cemetery; in good running order. Address Chas. Mithann, Dolton Station Ill.

FOR SALE—275 boxes, 16x18, double strength glass, part A and part B, cheaper than can be had anywhere in the market; this is strictly new glass; write at once for terms. Address No. **109**, care Florists' Review, Chicago.

WANTED—Practical man experienced in growing carnations, bedding and bulbous stock, capable of taking charge of commercial plant, 10 000 ft. of glass in Western New York. Address, giving age, experience, references, wages wanted, No. **113**, care Florists' Review, Chicago.

WANTED—An A1 grower of roses and carnations and general stock for retail place; must be a first-class designer; my present florist is going to take charge of business for me at another point; party must be able to keep a correct account of all sales; room and laundry furnished free; board can be had at $2.50 per week; salary $10.00 per week and 10 per cent. of net profits. Address at once No. **112**, care Florists' Review, Chicago.

WANTED—At once, two first-class growers for roses and carnations under foreman; none but good, steady men need apply. G. Van Bochove & Bro. Kalamazoo, Mich.

FOR SALE—New duplicating sales ticket machine; most approved pattern. For full particulars, address No. **110**, care Florists' Review, Chicago.

FOR SALE—Hot air pumping engine; safest machine made; used by many florists. For full particulars as to capacity and price, forward your address to No. **111**, care Florists' Review, Chicago.

SITUATION WANTED—By married man as foreman in commercial or private place; now having charge of the most up-to-date place in his vicinity; best of reference; understands florists' business in all its branches; used to handling men; good wages expected; can come at once. Address with full particulars No. **51**, care Florists' Review, Chicago.

WANTED—TO RENT—A place of about 15,000 to 20,000 square feet of glass, by two reliable young men; have from $500 to $600 to buy stock; please state full particulars in first letter; we mean business. Address No. **99**, care Florists' Review, Chicago.

SITUATION WANTED—By first class grower of A1 roses and carnations and general stock for retail place; gilt edge references; single, age 36. Address No. **97**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a grower of twenty years' experience; best of references; married; good worker; steady habits. Address Chas. Duerr, Morton Grove Greenhouses, Morton Grove Ill.

WANTED—A good active assistant for general greenhouse work; $25 per month; board and room to good man; work the year around. Address Keller, The Florist, Woodmere, Mich.

FOR RENT—Eleven greenhouses, rooms and stable; in Clifton, Cincinnati O. Apply to Jno. J. Schiff, 206 Carlisle Bldg., Cincinnati, O.

SITUATION WANTED—By a good all around man; Missouri or Illinois preferred; best of references; state wages. Address No. **100**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—Account of health of owner, The Florence Greenhouses; completely stocked; hot water heat; doing good business; price $1,000, worth $3,000. Address Templin & Co., Florence, Colorado.

FOR SALE.

Wishing to retire from business, I offer my excellent place for sale, consisting of 8 greenhouses, about 15,000 sq. ft. of glass, situated on one of the finest streets in the residence portion of Louisville. Everything can be sold at retail direct from the greenhouses. Fine large potting shed from which all houses can be entered. Good established trade. An excellent opportunity for two young men with some capital. Address

Wm. Mann, 1947 Brook Street, Louisville, Ky.

Mention The Review when you write.

FOR SALE

Retail Florist's Establishment

consisting of 10 000 sq. ft. of glass in connection with store. Located on one of Chicago's finest boulevard drives in the centre of fine residence district; 20 years in present location; with 12 years lease to run; profitable business; splendid opportunity for right parties.

Address No. 93,
care Florists' Review, Chicago.

To Clean Up

2 Hitchings No. 19 boilers, $65.00 each. 200 boxes glass, double thick, 12x18 and 12x20. $2.50 per box; also have on another place 400 boxes 12x14 glass, double thick, per box $2.25. 6 Hitchings boilers, No. 16, $50 00 each. 500 hotbed sash glazed with three rows double thick glass, $1.00 each, in use only a short time.

Also ten complete greenhouses which will be sold as they stand.

V. E. REICH,

120th St. and 7th Ave., NEW YORK.

Mention The Review when you write.

LEO NIESSEN.

Spring Weddings...
LILIES, VALLEY, BEAUTIES,
SWEET PEAS, WILD SMILAX

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Mention the Review when you write.

Charles F. Edgar & Co.

ROSES and CARNATIONS.

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROOTED Carnation Cuttings.
Hill, Joost, Crocker Queen Louise,
$2.50 to $15 00 per 1000.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Wholesale Florists,

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

EDWARD REID,

WHOLESALE FLORIST.

EVERY VARIETY OF SEASONABLE SPRING FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m. Long Distance Phone.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3 00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00
	Per 100
CHATENAY, extra select	$10.00 to $12.00
" medium	5.00 to 8.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Wholesale Cut Flower Prices.

Philadelphia, April 13.

	Per doz.
Beauties, Specials	$ 3.00
" Extra	2.00 to 2 50
" No. 1	1 50
" Shorts	.75 to 1.00
Queen of Edgely, Extra	2 00 to 2.50
" " No. 2	1.50
" " Shorts	.75 to 1.00
	Per 100
Bride and Bridesmaid, Specials	8.00 to 10.00
" " Extra	3 00 to 4.00
Golden Gate, Firsts	6 00 to 8.00
" Seconds	3 00 to 4.00
Jacqueminot, Firsts	8 00 to 12.00
" Seconds	3 00 to 5.00
Kaiserin Firsts	6 0 to 8.00
" Seconds	3 00 to 4 00
Perle	3.00 to 5.00
Sunrise	3.00 to 6.00
Liberty, Firsts	10.00 to 20.00
" Seconds	3.00 to 5.00
Ivory, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Carnations, Commons	1.00 to 1.50
" Selected	2 00 to 2 50
" Novelties	4.00 to 5 00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " sprays	35 00 to 50.00
Callas	8.00 to 10.00
Daffodils	1.00 to 1.50
Daisies per bunch	.50
Lilac $1.00 per doz.	
Lilium Harrisii	5 00 to 8.00
Lily of the Valley	2.00 to 4.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to .75
Tulips	2.00 to 3.00
Violets, single	.25 to .50
" double	.50 to .75

BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Brides, Carnations, Sweet Peas.

1432 South Penn Square, Philadelphia.

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Arriving Daily

CHOICE

JONQUILS and NARCISSI

IN FINE VARIETY.

(OUT-DOOR GROWN)

30c to 50c per 100.

Tens of thousands of these are sold daily by Chicago retailers. They go like "hot cakes."

Just the thing to attract attention to your show window.

Try a sample 500 shipment. We guarantee arrival in good condition.

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E. F. Winterson. J. P. Degnan. L. H. Winterson.

Successors to McKellar & Winterson.

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Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

Established 1891.
GEO. E. BRADSHAW
Wholesale Florist,
53 West 28th Street, NEW YORK.
Tel. 1239 Madison Square.
Consignments Solicited.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
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W. GHORMLEY,
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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
Mention Review when you write

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., NEW YORK.
Cut Flower Exchange.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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JAMES A. HAMMOND,
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S. S. SLINN, JR. WALTER HUGHES
SLINN & HUGHES
WHOLESALE FLORISTS
Coogan Bldg., 55-57 W. 26th St., NEW YORK
Telephone 3864 Madison Sq.
Our leading specialties: ROSES, CARNATIONS, VIOLETS. The best the market affords.
Shipping orders receive prompt attention.
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Geo. Saltford
WHOLESALE FLORIST,
48 West 29th Street, NEW YORK CITY.
Telephone No 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, April 11.

	Per 100
Beauties, Specials	$10.00 to $12.00
" Extra	8.00 to 10.00
" No. 1	4.00 to 6.00
" Shorts	2.00 to 3.00
Brides and Maids, Specials	4.00 to 6.00
" " Extra	3.00 to 4.00
" " No. 1	1.50 to 2.50
" " No. 2	1.00
Golden Gate	2.00 to 8.00
Liberty	4.00 to 20.00
Meteor	1.00 to 4.00
Orchids, Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.50
" Selects	1.50 to 2.00
" Fancies	2.00 to 2.50
" Novelties	3.00 to 4.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Asparagus plumosus, Strings	25.00 to 50.00
Callas	4.00 to 5.00
Daisies	1.00 to 2.00
Lilium Harrisii	5.00 to 6.00
Lily of the Valley	1.50 to 2.50
Mignonette	.50 to 4.00
Narcissus	.50 to 1.00
Smilax	6.00 to 10.00
Sweet Peas	.50 to 1.00
Tulips, single	.25 to .50
" double	1.00 to 2.00
Violets	.15 to .35

Xenia, Ohio.—J. J. Lampert has opened a florists' store on South Detroit street.

That was a grand hit, that adv. I had in the Easter number of the Review; it was a drawing card, sure.—H. J. Smith, Hinsdale, Mass.

A. J. FELLOURIS,
Wholesale and Retail Dealer in all kinds of
EVERGREENS.
GALAX, Bronze or Green, $1.00 per 1000.
FERNS, Fancy, $2.00 per 1000. Dagger, 1.25 "
468 Sixth Avenue, NEW YORK
Between 28th and 29th Streets.
Telephone 1431 Madison Square.

JOHN YOUNG
51 W. 28th St., NEW YORK.
Tel. 1905 Madison Square.
ORCHIDS CATTLEYA TRIANÆ and all other choice orchids in season.
Everything in Cut Flowers—the best in the market
Mention The Review when you write.

YOUNG & NUGENT,
WHOLESALE FLORISTS,
42 West 28th Street, NEW YORK.
Telephone 2065 Madison Sq.
Cattleyas, Gardenias, Violets, Roses, Carnations and all seasonable novelties. We are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.
Mention the Review when you write.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
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VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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Always mention the Florists' Review when writing advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

ESTABLISHED 1872.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

ALEX. J. GUTTMAN,

Wholesale Florist.

Special conveniences for both Wholesalers and Retailers this season. None better in the country.

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CUT FLOWER EXCHANGE,

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Phone 299 Madison Sq.

OPEN FROM 6:00 A. M. TO 5:00 P. M.

Everything for the Florist in Seasonable Flowers all the year around.

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QUEENS, - L. I., N. Y.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Buffalo, April 13.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	7.00 to 10.00
" Shorts	3.00 to 6.00
Brides and Maids, Extra	10.00
" " No. 1	6.00 to 8.00
" " No. 2	3.00 to 4.00
Cusin	3.00 to 4.00
Golden Gate	3.00 to 4.00
Kaiserin	6.00 to 12.00
Liberty	6.00 to 12.00
Meteor	3.00 to 6.00
Mrs. Morgan	3.00 to 4.00
Perle	3.00 to 5.00
Sunrise	3.00 to 5.00
Ulrich Brunner	12.50 to 18.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 5.00
Adiantum Cuneatum	.75 to 1.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays	25.00 to 35.00
" Sprengeri	25.00 to 35.00
Callas	8.00 to 10.00
Daffodils	2.00
Hyacinths	2.00 to 3.00
Lilac	10.00
Lil. Harrisii	12.50 to 15.00
Lily of the Valley	3.00 to 4.00
Mignonette	2.00 to 3.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .60
Tulips, single and double	2.00 to 3.00
Violets	.30 to .75

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

Get our laurel Festooning and Southern Smilax for your Easter decorations. No. 1 quality laurel Festooning made all round, full and the best made, fresh from the woods, 4c, 5c and 6c per yd. 50 lb. case finest Smilax ever sold, only $6.00. Fancy ferns $2.00 per 1,000; Dagger ferns $1.50 per 1,000; A1 stock bronze and green Galax, 75c per 1,000; discount on 10,000 lots.

Send us your orders early for Easter and get the best to be had at bottom prices and fresh from the woods. Satisfaction guaranteed.

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Tel. Office, New Salem.

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and

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Stands at Cut Flower Exchange Coogan Bldg., W. 26th St., and 34th Street Cut Flower Market.

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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

JOHN I. RAYNOR,

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE

38 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square.

CONSIGNMENTS SOLICITED.

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FORD BROS.

111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**

A complete assortment of the best in the market can always be relied upon.

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CUT ROSES Direct from the... GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

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(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.

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CARNATION CUTTINGS

STILL UNSOLD.

Mrs. Joost, Flora Hill, Gen. Gomez, fine, healthy stock at $1.50 per 100; $12.50 per 1000.

A good line of **Geraniums** in 2 and 3-inch pots at $2.50 and $5.00 per 100.

D. Petunia, Vincas, Heliotrope, Salvia, etc. Coleus—Verschaffeltii Firebrand, Golden Bedder. **Chrysanthemum Cuttings, etc.**

C. W. BLATCHLEY,

PLANTSVILLE, CONN.

Wholesale Cut Flower Prices.

Chicago, April 13

	Per doz.
Beauties, 36-inch stems	$4.00
" 30 "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.00
" Shorts per 100	$1.00 to 6.00

	Per 100
Bridesmaids, Specials	$6.00 to $ 8.00
" Firsts	3.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	3.00 to 5.00
Liberty, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	10.00
" Seconds	5.00 to 8.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Sunrise, Firsts	8.00 to 10.00
" Seconds	3.00 to 6.00
Perles, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Carnations, Fancy	3.00 to 4.00
" Common	1.00 to 2.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	3.00 to 4.00
Freesia	2.00 to 3.00
Sweet Peas	.50 to 1.00
Easter lilies, $1.00 to $1 50 per doz.	
Callas, $1.25 per doz.	
Valley	2.00 to 4.00

Milwaukee, April 13.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 12.00
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	6.00
" " Extra	5.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	6.00 to 10.00
Meteors	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
Asparagus plumosus, Strings	50.00
" " Sprays	25.00 to 35.00
" Sprengeri "	25.00 to 35.00
Callas	10.00
Daffodils	2.00 to 3.00
Daisies	.75
Hyacinths, Roman	4.00
Lilium Harrisii	12.50
Lily of the Valley	2.00 to 3.00
Mignonette	2.00 to 3.00
Pansies	2.00
Smilax	18.00
Sweet Peas	.50 to .75
Tulips, single	2.00
Violets	.50 to 1.00

G. STERN,
Manufacturer of
Wax Flowers,
416 West Chicago Ave., CHICAGO, ILL.
STAND IN FLOWER GROWERS' MARKET, 60 WABASH AVE.
Mention The Review when you write.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited
Every facility for prompt shipment.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
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FROM GROWERS HAVING
Specialties in Cut Flowers.
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Wholesale Growers and Shippers of CUT FLOWERS
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With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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FRANK GARLAND,
Wholesale Grower of Cut Flowers.
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

GARDENIAS, SWEET PEAS. A FULL LINE OF Spring Flowers

WRITE FOR PRICES TO

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Wholesale Cut Flower Prices.

Cincinnati, April 13.

	Per 100
Beauties, Specials	$30.00
" Extra	$20.00 to 25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 8.00
Brides and Maids, Specials	8.00
" " Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Liberty	2.00 to 12.00
Meteor	2.00 to 8.00
Perle	2.00 to 6.00
Sunrise	2.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 60.00
" " sprays	4.00 to 6.00
" Sprengeri "	2.00 to 3.00
Callas	8.00 to 12.50
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	2.00 to 4.00
Lilium Longiflorum	10.00 to 12.50
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to 1.00
Tulips, single	2.00 to 3.00
" double	3.00 to 4.00
Violets	.35 to .50

Pittsburg, April 13.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	8.00 to 10.00
" " " Extra	5.00 to 6.00
" " " No. 1	3.00 to 4.00
" " " No. 2	2.00
Carnot	3.00 to 8.00
Cusin	3.00 to 6.00
Golden Gate	3.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	4.00 to 12.00
Meteor	2.00 to 6.00
Ulrich Brunner	6.00 to 8.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 2.50
" Novelties	3.00 to 4.00
Adiantum Cuneatum	.75 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" " sprays	2.00 to 4.00
Callas	6.00 to 8.00
Daffodils	1.00 to 3.00
Daisies	.75 to 1.50
Gladiolus	6.00 to 8.00
Hyacinths, Roman	1.00 to 3.00
Lilac	75 to 1.00
Lilium Longiflorum	6.00 to 8.00
Lily of the Valley	1.00 to 4.00
Narcissus	1.00 to 3.00
Smilax	25.00 to 30.00
Tulips, single	1.00 to 2.00
" double	2.00 to 3.00
Violets	.25 to 1.00

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots or over. **Southern Smilax**—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. **Leucothoe Sprays**—Green, $1.00 per 100; $7.50 per 1000. **Green Sheet Moss**—$2.50 per bbl. sack. **Dagger Ferns**—$1.25 per 1000.

All Kinds Florists' Supplies.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. **New York**

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980 M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, April 13.

	Per doz
Beauties, Specials	$3.00 to $4.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	5.00 to 6.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	4.00 to 8.00
Golden Gate	5.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	3.00 to 5.00
Meteor	3.00 to 5.00
Perle	2.00 to 3.00
Sunrise	2.00 to 4.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	3.00 to 4.00
Lilium Harrisii	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	15.00 to 18.00
Sweet Peas	.50 to .75
Tulips, single	2.50 to 3.00
" double	3.00 to 4.00
Violets	.25 to .50

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants

TO ADVANTAGE.

Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) **Galax, Fancy Ferns, Etc.**

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE.
Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

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WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, - D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

WM. SCOTT CO.

Main and Balcom Sts.
Buffalo, N. Y.

J. J. Beneke,

1220 Olive Street, ST. LOUIS, MO.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

M. A. Bowe

1294 BROADWAY,
IN THE HEART OF
New York City
TEL. 2270 38TH ST.
OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,
Tel. 192 Riverside,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,
522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.
T. J. Johnston,
171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

A. WIEGAND & SONS,

FLORISTS,
1610 to 1620 N. Illinois St., Indianapolis, Ind.

Always Mention the....
Florists' Review
When Writing Advertisers.

FRED C. WEBER,

FLORIST,
4326-28 Olive Street, St. Louis, Mo.
ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for **Chicago and Vicinity**
WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

WILLIAM L. ROCK,

FLORIST,
1116 Walnut St., Kansas City, Mo.

Clarke Bros.

PORTLAND, ORE.

RETAIL FLORISTS.

(CONTINUED.)

C. B. Hick Floral Co.

FORT WAYNE, IND.

Extra Fine CARNATIONS in leading varieties. DOUBLE VIOLETS, JUNE DAFFODILS and EASTER LILIES. DESIGNS ON SHORT NOTICE. Write or Telephone.

Mrs. Chas. Eickholt,

2319 AVENUE M — Galveston, Tex.

S. B. Stewart,

119 No. 16th Street, — OMAHA, NEB.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

Rosedale Hybrid

Nice lot ready to line out.

Now in 2-inch pots. Well established.

$2.50 per 100; $20.00 per 1000.

WILL B. MUNSON, Denison, Tex.

Mention The Review when you write.

A. W. SMITH'S HYBRID MOON VINES

Ipomoea Noctiflora

2½-inch pots..... $5.00 per 100

GODFREY ASCHMANN,

1012 Ontaria St., Philadelphia, Pa.

Mention The Review when you write.

ROSES

From 2½-inch pots.

1,000 Golden Gate, 1,000 Ivory, a few Bride and Maid. Fine stock, free from disease at $2.25 per 100; $20.00 per 1000. Guarantee stock all O. K.

FOSTORIA FLORAL COMPANY,

Fostoria, Ohio.

Mention The Review when you write.

Worcester, Mass.—Maekie, of 3 Pleasant street, received a shipment of azaleas too late on Saturday for the Easter trade, but sold them out by a half-price advertisement in the next day's newspapers.

Rooted Carnation Cuttings.

TO MAKE ROOM -- Special low price.

On FLORA HILL and GUARDIAN ANGEL, Stock Best Quality, $8.00 per 1000.

PINK.	100	1000
Mrs. Lawson	$1.25	$12.00
Mrs. Nelson	2.00	18.00
Guardian Angel	1.00	8.00
Dorothy	1.50	12.50
Mrs. Joost	1.00	8.00
WHITE.		
Flora Hill	$1.00	$8.00
White Cloud	1.25	10.00
Queen Louise	1.25	12.00

RED.	100	1000
G. H. Crane	$2.00	$18.00
America	2.00	18.00
Mrs. Palmer	2.00	18.00
LIGHT PINK.		
Higinbotham	2.00	18.00
VARIEGATED.		
Prosperity	2.00	18.00

ROOTED ROSE CUTTINGS.

Bride.....$1.50 per 100; $12.50 per 1000
Maid..... 1.50 " 12.50 "
Golden Gate.....$1.50 per 100; $12.50 per 1000
Ivory..... 1.50 " 12.50 "

ROSE PLANTS, 2-inch Pots.

Bridesmaids .....$3.00 per 100; $25.00 per 1000
Brides..... 3.00 " 25.00 "
Perle.....$3.00 per 100; $25.00 per 1000
Golden Gate..... 2.50 " 20.00 "
Ivory .....$2.50 per 100; $20.00 per 1000.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

Indianapolis!

Was there at the finish

When most of the other varieties were rapidly going to sleep, Indianapolis held up in splendid shape. There are two reasons for this. Indianapolis is a splendid keeper and we have not overfed nor overforced our stock. Our vase of 200 blooms was not entered for competition, that's why you did not see it mentioned among the prize winners, but it made a host of friends. We still have about 10,000 for March delivery. Fine healthy cuttings that will make fine stock for next winter's flowering. Will make you more money than any other pink carnation. Order at once. $2.50 per doz., $12.00 per 100, $100 per 1000.

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

Topeka, Kans.—James Hayes says lilies could hardly have been in finer shape than they were for Easter. Business was very brisk. Potted plants sold well but the increase seemed to be mostly on cut flowers.

Reading, Pa.—H. J. Huesmann says that this was the best Easter on record. Lilies were the popular item and ranged in price from 15 to 20 cents a bloom. Hoskin & Giles, who have two establishments, also report a big business. Church decoration was a leading feature of the work.

Brooklyn, N. Y.—Jacob Thinnes, of 245 De Kalb avenue, died of apoplexy while sitting at a card table at his club. He was 64 years of age and a native of Germany. His wife, two sons and a daughter survive.

Bloomington, Ill.—The old game of the palm swindler was worked on W. T. Hempstead one evening just before Easter. A stranger ordered cut flowers and plants delivered at the address of a customer, met the delivery wagon and secured the stock, the customer knowing nothing about the transaction.

CAPACITY OF BOILER.

We have a twenty horse-power tubular boiler 10x3 feet with twenty-six 3-inch flues. This is at present heating two even-span greenhouses each 20x100 feet, or about 5,000 feet of glass. The overhead flow in each house is 2½-inch and there are two coils of seven 1½-inch returns in each house. Hot water is used and 50 degrees required at night in coldest weather. How much more glass will this boiler heat? L. F.

The boiler in question will easily heat one more house 20x100 feet with the same minimum night temperature during the coldest weather. L. C. C.

"IT IS TO LAUGH."

From a tiny plant sprung from a seed found on the mummy of an Egyptian warrior, who lived a thousand years before the Christian era, and which is now being nurtured in the florist shop of M. A. Bowe, at No. 1294 Broadway, is expected to spring one of the rarest flowers in the world. The seed was given the florist by Col. F. Foster Milliken, the lawyer, clubman and traveler. He obtained it in Egypt twenty years ago, where it had been found in the wrappings of the mummy of Os-Ra, a celebrated warrior of the twenty-second dynasty, who died 945 B. C.

The above appeared in one of the New York evening newspapers whose daily circulation is "very near a million copies." Imagine the interested crowds that gathered to see the wonderful little plant in the florist's window. Rockefeller's violets are not in it with the Egyptian novelty of "B. C. 945."

A German, M. Peterseims, of Erfurt, has a "wonderful pig," like a fern ball only made of terra cotta. The body is furrowed and agrostis is sown in the furrows and the pig filled with water. Soon the grass begins to grow and the pig is shortly "covered with a green fur, which, to the delight of the owner, becomes thicker day by day."

For Summer Blooming.

25,000 MRS. FISCHER,
$20 per 1000.

25,000 WILLIAM SCOTT,
$15 per 1000.

Strong, healthy plants from soil.
We guarantee satisfaction.

LEO NIESSEN,
1217 Arch St., Philadelphia.

Mention The Review when you write.

CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$6.00	$5 00	Glacier	$2 00	$2 00
Gov. Wolcott.	4.00	35.00	Marquis	2.00	17 50
Nelson	3 00	25.00	Gov. Roosevelt	2.50	20.00
Estelle	3.00	25 00	Joost	2 00	15 00
Crane	2 50	20.00	Queen Louise	2 00	17.50
Lawson	2 50	20.00	Triumph	1 50	12 50

ROOTED CHRYSANTHEMUM CUTTINGS.

Kalb Willowbrook, Polly Rose, Queen, Mrs. Jerome Jones, Timothy Eaton, Merry Christmas, Chadwick, Opah, Lady Harriet, Viviand-Morel, J. K. Shaw, Mrs Coombes, Marie Calvat, Mrs. Murdock, Mrs. Perrin, Maud Dean, Pres. Smith, Woodford, Helen Bloodgood, Harry Parr, Robert Halliday, Mrs. E. D Smith, Yellow Jones, Mayflower, Col. Appleton, Golden Wedding, Pennsylvania, Maj. Bonnaffon, Goldmine, Sunshine, R. H. Pearson. **Per 100 ..... $1 50**

BELL MILLLR, Springfield, Ill.

American Beauties.

FINE STOCK, from 2½-inch pots, $5.00 per 100.
CUT ROSES of AMERICAN BEAUTY and all kinds of **TEA ROSES** at lowest prices.
Trial orders solicited.

HELLER BROS. (SOUTH PARK FLORAL CO.) New Castle, Ind.

Mention The Review when you write.

ROSE PLANTS

Strong Stock from 2½-inch pots.

	Per 100	1000		Per 100	1000
UNCLE JOHN	$20.00	$150.00	Liberty	$5.00	$40.00
Mme. Chatenay	6.00	50.00	Bridesmaid	3.00	25.00
Sunrise	5.00	40.00	Bride	3 00	25.00
AMERICAN BEAUTY	6.00	50.00	Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000		Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00	Sunrise (two years old)	$8.00	$70.00
Liberty (two years old)	8 00	70.00	Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal**, for next season.
Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

VESPER.

Finest white carnation on market this year, flowers 3 in. to 3½ in., fine stem, free bloomer, good keeper and shipper, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. 250 at 1000 rate. Rooted Cuttings ready now. Also the following standard varieties.

Adonis	$7 00 per 100.	$60.00 per 1000	Lawson	$2.50 per 100.	$20.00 per 1000
Enchantress	6.00 "	.....	Queen Louise	2.50 "	20.00 "
McKinley	4.00 "	30.00 "	Mrs. Bradt	2 50 "	21 00 "
Estelle	4 00 "	30.00 "	Flora Hill	2.00 "	15.00 "
Nelson	3.50 "	30.00 "	Mrs. F. Joost	1.50 "	12.50 "

CASH. No C. O. D.

WM. C. SMITH, 61st and Market Sts., Philadelphia, Pa.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$6 00	$50 00
KAISERIN	3 00	25 00
LIBERTY	5 00	40 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 00	18 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN, ROOSEVELT	3 00	25 00

WHITE.	Per 100	1000
MURPHY'S WHITE	3 00	25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

LA DETROIT. NOW BEING DISTRIBUTED.

Beautiful shell pink color. Strong grower. A great money-maker. Every grower of Bridesmaid will want to try it.

FOR "OWN ROOT" PLANTS FROM 2½-INCH POTS.

1 Plant, each	$0.75
12 Plants, each	.60
25 Plants, each	.50
50 Plants and over and less than 100, each	.30
100 Plants and over and less than 1000, each	.25
1000 Plants and over, each	.20

3-inch pot plants, 5 cents each additional.

SELLING AGENTS.

E. G. Asmus & Son, West Hoboken, N. J.
S. S. Skidelsky, 708 North 16th St., Philadelphia.
A. Rolker & Sons, 31 Barclay St., New York.
J. Austin Shaw, 201 West 135th St., New York.
Vaughan's Seed Store, 84 Randolph St., Chicago.
Clucas & Boddington Co., 812 Greenwich St., New York.
Michigan Cut Flower Exchange, 26 Miami Ave., Detroit.

For prices of grafted stock see issue of March 17.

JOHN BREITMEYER'S SONS, GRATIOT AND MIAMI AVENUES, DETROIT, MICH.

Mention The Review when you write.

CARNATION CUTTINGS!

Well-Rooted Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12 50	Mrs. L. Ine.	$1 25	$ 9.00
Portia	1.20	9 00	Joost	1 20	9 00
Lorna	1.50	12.00	Flora Hill	1 50	10 00
White Cloud	1 50	12.50	Mrs P Palmer	1.50	12.50
Queen Louise	1 50	12 50	Prosperity	2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3 50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12 00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2 75	$22.50
Brides	2 75	22.50
Golden Gates	2.50	20 00
Brides, 3-inch, extra choice	5 00	40.00
Bridesmaids, 3-inch, extra choice	5.00	40.00
Mme. Chatenay, 2½ inch pots	5 00	45.00
" " 3-inch pots	6.00	55 00

Above prices are cash with order.

JOHN BROD, Niles Center, Illinois.

Mention The Review when you write.

YOUNG ROSE STOCK

	Per 100	Per 100		Per 100	Per 100
BRIDES	2 in. $2.50	2½-in. $3.50	PERLES	2 in. $3.00	2½-in. $4.00
BRIDESMAIDS,	2-in. 2.50	2½-in. 3 50	LA FRANCE	2-in. 3 00	2½-in. 4 00
IVORY	2-in. 2.50	2½-in. 3.50	KAISERIN	2 in. 3.00	2½-in. 4.00
AM. BEAUTY	2-in. 4.50	2½-in. 6.00	WOOTTONS	2-in. 3.00	2½-in. 4.00
HERMOSA, stroog, 2-year-old		5.00	SOUPERT and HERMOSA,		2½-in. 3.00

JAMES C. MURRAY - PEORIA, ILL.

Mention The Review when you write.

Am. Beauties PLANTS FROM 2-INCH

40,000 ready; clean healthy, first-class in every respect; $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

CARNATIONS.

Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane Lillian Pond $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md

Mention The Review when you write.

For Sale **Fine Rose Plants**

from 2½-inch pots.

Brides, Maids, Ivory and Perle, $3 per 100
Beauty, $5 per 100

J. F. AMMANN, -- Edwardsville, Ill.

Mention The Review when you write.

ROSES

Nice two-year-old dormant plants of the following varieties:—Yellow Rambler, Gardenia, Wichuriana, Universal Favorite, Manda's Triumph, Evergreen Gem and South Orange Perfection,

6c each; $5 per 100.

IOWA SEED CO., Des Moines, Iowa.

Mention The Review when you write.

MID-SEASON SHRUBS.

Would like to get names of a few shrubs which bloom between early spiraea, Magnolia Linnei and the later spiraeas, Deutzia scabra and others.

F. J. U.

Three beautiful shrubs known to all, which gladden our hearts in spring, make our residence streets charming and drive away dull care, are Pyrus japonica, with its scarlet blossoms; Forsythia viridissima, and, better still, Fortunei, and Spiraea prunifolia, often called the bridal wreath. Then follow a great variety of flowering shrubs, the lilacs, the viburnums, berberis, both the green and purple-leaved; the yellow-flowered corchorus, the flowering currants, Tartarian honeysuckle, exochorda, philadelphus (mock orange), weigelias, Hydrangea paniculata, several spiræas, Anthony Waterer one of the best; and where they thrive, the magnificent rhododendrons, azaleas and kalmias. All the above are hardy in our most northern states, and beautiful, and the list might be considerably extended to a late but beautiful shrub, or it may be called a dwarf tree, the althæa. The newer double-flowered varieties of this are most beautiful. If F. J. U. wants the exact date of their flowering, send to one of the leading nurserymen for his retail catalogue, which will tell you height, color and season of flowering of each species and variety.

W. S.

East Richmond, Va.—Joseph Atkins has leased some land and will erect greenhouses at once.

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N.Y.

Jamaica Post Office, Woodhaven Station.

W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

Mention The Review when you write.

Rooted Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	1000		Per 100	1000
Queen Louise.	$2 00	$15.00	Genev'e Lord,	$2.00	$15 00
Lillian Pond,	5 00	40.00	Mrs. Bradt.	3 00	25.00
Flora Hill.	2.00	15 00	White Bradt,	6.00	50.00
Mrs. T Lawson,	2.50	20.00	MacRichmond,	1 50	12,00
Mrs. Joost,	2.00	15 00	Estelle,	3.00	

I. H. MOSS, Govanatown, BALTIMORE, Md.

Mention The Review when you write.

WHITE MAUD DEAN

A most valuable variety; stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz.

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

NEW ROSES

Cardinal and Enchantress

Read testimonials from two of the largest growers in Washington who have bought a large number of plants after seeing them growing at my place.

Washington, D. C., February 27, 1904.

Your new rose Cardinal came duly to hand and we firmly believe it will have a great future, and will certainly be a money maker as it is in a class all to itself, being superior in form and habit to anything that we have as yet seen. Your new rose Enchantress we also think will be a great money maker, judging from its profuse blooming quality, as we have seen it several times in mid-winter. It cannot help being a winner. Wishing you ever success, we remain,

Yours truly, A. GUDE & BRO.

American Rose Co., 909 F St., N. W., Washington, March 17, 1904.

Dear Sir: We gave all the show possible to Enchantress and Cardinal, placing them in our window with placards telling what they were. They kept a week, retaining their brilliant color to the last. Cardinal was as full of perfume the day its petals dropped as when it was first cut. The roses are both matchless, and we believe destined to outclass all roses of their color for forcing under glass.

Very sincerely yours,

AMERICAN ROSE CO., per B. D.

CARDINAL, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
ENCHANTRESS, 2½-inch pots, **$30** per 100; 3-inch pots, **$35** per 100
Not less than 50 sold at present. Cash with order. Stock limited.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2 50
G H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3 00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.

Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

J. L. DILLON, Send for circular. **Bloomsburg, Pa.**

POEHLMANN BROS. CO. HAVE

JUST WHAT YOU ARE LOOKING FOR.

Extra fine 2½-inch stock of CHRYSANTHEMUMS, ROSES and CARNATIONS.

150 000 2½-inch Carnations, warranted to give full satisfaction. Gov. Wolcott, Lillian Pond, Apollo, Harlowarden $4 00 per 1000. Prosperity, Lorna, Palmer, Lawson, Mary Wood, Roosevelt, $3.50 per 100. Flora Hill, $2 00 per 100.

150.000 2½-inch Rose Plants. Maids, Brides, Gates, Ivory. $4 00 per 100. $35.00 per 1000.

600 000 Chrysanthemums, R. C. and 2½-inch plants. White—Willowbrook Kalb, Estelle, Fitzwygram, Ivory, Robinson, Wanamaker, Jones, Crawford, Timothy Eaton, White Bonnaffon, Christmas Eve and others, 2½-inch, $2.50 per 100 R. C., $1 50 per 100. Chadwick, 2½-inch $4 00 per 100. Yellow—Bonnaffon, Appleton, E. D. Smith, Omega, Whitldin, Parr, Sunshine Golden Wedding, 2½-inch, $2 50 per 100; R. C., $1.50 per 100. Yellow—Yellow Eaton, Goldmine, Chautauqua Gold, Monrovia, Nagoya, Yellow Jones, Halliday, Eclipse, 2½-inch $3 00 per 100 R. C. $2 00 per 100. Pink—Pacific, Perrin, Murdock, Morel, 2½-inch $2 50 per 100; R. C. $1 50 per 100. Pink—Shaw Richardson, Liger, Harriet, Xeno, Coombes, 2½-inch, $3.00 per 100; R. C., $2.00 per 100. Red—Childs Intensity, Shrimpton, 2½-inch, $2.50 per 100 R. C., $1.50 per 100. Bronze—Lady Hanham 2½-inch, $2.50 per 100; R. C., $1.50 per 100. **DUCKHAM**—the sensational Pink, $25 00 per 100; R. C., May 1.

We are headquarters for best cut blooms of AMERICAN BEAUTIES.

Cut flowers shipped direct from greenhouses. Glass area, 625,000 sq. ft. **MORTON GROVE, Cook Co., Ill.**

Mention The Review when you write.

CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7 50	$50 00
Dr. Enguehard, " "	.50	5 00	30 00
Mrs. Nathan Smith extra fine white.	.50	5.00	35 00
S. T Wright magnificent crimson	1 00	9.00	60 00
Miss Helen Frick Thanksgiving pink	50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5 00	35 00
W. R. Church rosy crimson	.25	2 50	20.00
John Burton fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday Appleton, Montemort, Pacific, Pink Ivory, $3 00 per 100; Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

HYDRANGEA HORTENSIS ROSEA

FINEST INTRODUCTION of late years. Several awards in Europe. Identical color of Begonia Gloire de Lorraine; very free flowering. Elegant Easter pot plant.

2½-in. Pot Cuttings, well rooted, $6.00 per dozen; $45.00 per hundred.

Orders filled in strict rotation for immediate delivery.

Julius Roehrs

EXOTIC NURSERIES,

RUTHERFORD, N. J.

Mention The Review when you write.

1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17 50 per 1000.		
Abutilon in variety	40c	$2.00
Acalypha Macafeeana and Marginata per 1000 $20.00,	40c	2 50
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Ageratum, Stella Gurney and Dwarf White, rooted cuttings, postpaid,		1.00
Asparagus Sprengeri, 2½-in	50c	3 50
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2 00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties per 1000, $15 00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Forget-Me-Nots, large flowering	40c	2 00
Fuchsias, in variety	50c	2.50
Hardy English Ivy, large and small leaved variety per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Heliotrope, in variety	40c	2 00
Holt's Mammoth Sage, per 1000, $15 00,	40c	$3.00
Lemon Verbena per 1000, $20 00,	50c	2.50

GERANIUMS...

$2 00 per 100; $20 00 per 1000 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen Grant, Le Cid, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Le Pilot Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers Mme. Charrotte, Mme. Jaulin, Mme. Landry, S. A. Nutt.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

Scented—Balm Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3 00
Moonvines, blue and white	50c	3.00
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Sedum, variegated per 1000, $15.00,	40c	2 00
Smilax per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsons Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2 00
Tritoma Pfitzerl, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Our selection of four varieties, 1000 for $15.00.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and HOLT'S MAMMOTH SAGE.

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

CARNATIONS
ROOTED CUTTINGS
and PLANTS FROM SOIL.

Place your orders **at once** for prompt delivery. Strong, select, well rooted stock of the following varieties:

LADY BOUNTIFUL and THE BELLE,

The two largest and most prolific white carnations for 1904.

MRS. PATTEN, JUDGE HINSDALE, THE PRESIDENT and INDIANAPOLIS,

$12.00 per 100; $100.00 per 1000.

A very profitable novel set—Bizarre, Mauvina, Neptune, Aureola and Senorita.

Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Adonis, Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties:—Apollo, Stella, Harry Fenn and Lorna, $3.00 per 100; $25.00 per 1000. Gov Wolcott and Dorothy Whitney, $4.00 per 100; $30.00 per 1000. Morning Glory and Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

Also other varieties than above mentioned in the sand and ready in a short time.

F. Dorner & Sons Co.
LA FAYETTE, IND.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2 50 per 100; $20 per 1000; Potter Palmer, $2 50 per 100; Flora Hill and White Cloud $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100, $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

YOU CAN ALL MAKE MONEY GROWING

ASPARAGUS PLUMOSUS.

We have a large stock of all sizes of this very profitable plant for every retail florist. Nothing but the best stock is shipped.

2-inch, $3.00 per 100; 3-inch $8.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz., $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz., $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch $1.50 per doz., $10.00 per 100.

Latania Borbonica, we have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz., $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7 00 per doz., $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each, $12.00 per doz.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa,** strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST Quakertown, Pa.

Mention The Review when you write.

BOSTON FERNS

Pot-Grown Plants. Finest Quality. Prompt Shipment.

Prices—2½-inch, $3.50; 3-inch, $8.00; 4-inch, $15.00; 5-inch, $25.00 per 100. 6-inch, 40c; 7-inch, 60c; 8-inch, 75c each.

PIERSONI FERNS, 2½-inch, $8.00 per 100; 4-inch, 35c; 5-inch, 50c each. **ALTERNANTHERAS,** red and yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., MORRISON, ILL. —— and —— GENEVA, ILL.

Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

On and after April 15 the address of the secretary's office will be 11 Hamilton Place, Room 11, Boston, Mass.

WM. J. STEWART,
Secretary.

DUTCH SOCIETY AWARDS.

At the meeting of the Dutch Horticultural Society at Overveen, near Haarlem, Holland, March 16, a first-class certificate was awarded to P. Van Noordt & Sons, of Boskoop, for Azalea japonica alba grandiflora Van Noordt and a certificate of merit for Azalea japonica alba. Van Namen Bros., of Zwijndrecht, received a certificate of merit for Selaginella Mariesi. H. C. Hacke, of Baarn, received a certificate of merit for Cypripedium argus Lindeni. Honorable mention was made of six cypripediums from Mr. Hacke. Cultural commendation was made of hippeastrum seedlings from the Rijkstuinbouwschool at Wageningen and a silver gilt medal was unanimously voted D. J. Tat & Son Aalsmeer, for collection of forced shrubs.

SOUTH HAVEN, MICH.—Easter trade was good, both at the Hartman and Merrill greenhouses, stocks being pretty well cleaned up.

SYCAMORE, ILL.—Easter trade was about ten per cent better than last year and Wm. Swinbank says that if it ever comes spring business promises to be better than last year.

GRAND FORKS, N. D.—E. O. Lovell reports a splendid Easter trade, cleaning up everything in cut flowers with an opportunity to have sold more had the stock been available. Pot plants also went well. The total sales were twenty-five per cent ahead of last year. Since Easter funeral work has been in demand and stock for social affairs has been in demand.

Adiantum Cuneatum.

	Per 100		Per 100
3-in.	Fine stock..$ 5 00	Large clumps from bench	$12.00
5-in.	" " .. 10 00		
6-in.	" " .. 15 00		

Boston Ferns

	Per 100		Per 100
2½-in.	$ 3 00	5 -in.	$20 00
3 -in.	6 00	Selaginella Em.	
4 -in.	12 00	3-in.	6.00

PALMS

Latanias, Kentias Arecas, Phoenix, Pandanus, etc.

3-in.....each, 10c	5 in.....each, 25c
4-in.....each, 15c	6-in.....each, 40c

Pelargoniums

Mme. Thibaut, Sand ford, Victor, Red and Jack. 2-in., $2.00; 3-in., $4 00. 4-in., $8 00.

DAHLIAS, good sorts dry roots.....$3.00 per 100
POINSETTIAS, Dormant 6-in .....50c each
GERANIUMS, Mme. Salleroi, strong, 2½-in $3.00

BATAVIA GREENHOUSES, Batavia, Ill.

Mention The Review when you write.

WE OFFER

500 leading varieties of **Roses** from 2½-inch pots and 4 and 5-inch pots. All on their own roots.
70 best varieties of **Chrysanthemums.**
60 varieties of **Geraniums**
24 varieties of **Carnations,** healthy, well rooted, 2½-inch pot plants.
25 leading varieties of **Dahlias.**
50 varieties of **Cannas.**
Violets, California, Luxonne and Lady Hume Campbell.
Flowering and Rex Begonias in variety.
Fuchsias in variety.
Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
Moonvines, Blue and White.
Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana.
Phoenix Canarienais and **Washingtonia Pilifera Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
Send us your list for prices. Catalogue free for the asking.

THE DINGEE & CONARD CO.,
The Leading Rose Growers of America.
Established 1850. **West Grove, Pa.**

ORCHIDS

Just arrived in perfect condition **Cattleya Mossiae,** Oncidium Papilio (Butterfly Orchid), Peristeria elata (Holy Ghost Orchid) Catasetums in var., Cyehuaches, Epidendrums Stanhopes, Dendrobium Nobile D. Denatiformm and D. Chrysanthum. Also a lot of Bulbs of Calanthe Veitchii for immediate delivery.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

50,000 CANNAS

from $1.00 per 100 up; write for prices and varieties. **Kentias**—Strong, 3 in., $12.50 per 100 4 in., $25 00 per 100. **Mums**—Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon, $2.00 per 100. **Double Sweet Alyssum**—Fine bushy plants $2.00 per 100. **Rooted Carnation Cuttings**—Cheap to close out.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

Marie Louise and Farquhar Violets

Strong Clumps for stock. Give quantity wanted and ask for quotations.

The Chatham Floral Co.,
R. E. SHUPHELT, Pres.
CHATHAM, - - NEW YORK.

Mention The Review when you write.

Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.
E. J. VAWTER, President. **Ocean Park, Cal.**

IPOMOEA MEXICANA
(Mexican Morning Glory)

Strong one and two year old Roots per doz., $1.75.

KAISER HOHENZOLLERN—Best early White; once Transplanted; stocky; per 100, 50c.

CHRYSANTH MUM—R. C. (from flats) Ivory, The Queen, Fl. Pullman, T. Eaton, Perrin, Lav. Queen, Polly Rose; $1.25 per 100. Cash with order. W. W. STERTZING, Maplewood Sta., St. Louis Mo.

Mention The Review when you write.

50,000 ALTERNANTHERAS

red and yellow, from 2-inch pots, at $1 50 per 100; R. C. 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3 50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

SEASONABLE STOCK

	Pots.	Per 100
Asparagus Plumosus Nanus....	2½-in.	$5 00
Asparagus Plumosus Nanus....	2 -in.	4.00
Asparagus Sprengeri.....	2 -in.	3.00
Asparagus Tenuissimus.....	2 -in.	3 00

CARNATIONS

Novelties of 1904, from pots or soil, fine stock, including Lady Bountiful Indianapolis, and White Lawson, $2.50 per doz.; $12.00 per hundred.

Strong plants from the following sorts (from soil):

Glacier.....	$2 50 per 100	$20.00 per 1000
Mr. T. W Lawson.	3.00 per 100	25.00 per 1000
Enchantress.....	7.00 per 100	60.00 per 1000

CANNAS

The Express, best dwarf Crimson Canna to date; strong plants, from 3-inch pots, $1.50 per doz $10 00 per hundred.

The following varieties in two-eye, dormant roots at $2.00 per hundred: Tricadora, Leonard, Explorateur Crampbell, Florence Vaughan, Oscar Dannacher Maple Avenue, Charles Henderson, Mme. Louis Druz, Pierson's Premier, Crimson Bedder, C. Dreve, Rosemawr J. Colette Rochaine, Mrs R. McKeand, and Mottled Queen; Pennsylvania at $3.50 per hundred: Mixed Cannas, $1 00 per hun., $8 00 per thousand.

GERANIUMS

Strong fall struck plants, from 2-inch pots.

The following varieties at $2.50 per hundred:

125 Mme Barney,	150 La Favorite.
130 Sam Sloan.	125 Mrs E G. Hill,
300 Mme. Landry,	150 Marvel,
800 Jean Viaud	250 S. A. Nutt,
100 Mme. Fournier,	300 Dryden.

Nephrolepis Piersoni, strong plants, from 2-inch pots $8.00 per hundred.
Fall planted stock from bench, ready for 4-inch pots, $20 00 per hundred.
Nephrolepis Bostoniensis, fall planted, ready for 4-inch pots, $10 00 per hundred.

VINCAS

Three-inch pots, variegated and green, $5.00 per hundred.

HARDY PLANTS

All the following are last season's propagation:

Anemone Japonica, from 2-inch pots, $4.00 per hundred, including the following varieties: Alba, Queen Charlotte, and Elegantissima.
Aquilegia (long spurred mixed), 2-inch pots, $3.00 per hundred.
Coreopsis Lanceolata, 3-in. pots, $3.00 per 100.
Digitalis extra strong, 3-in. pots, $3 00 per 100.
Helianthus Sparsifolia, grand novelty for cutting, 25c each, $2 50 per dozen
Oriental Poppy, 3-in. pots $5 00 per hundred.
Pyrethrum, strong clumps, $6.00 per hundred.
Rudbeckia Newmanii, 2½-in. pots, $3 00 per 100.
Rudbeckia Triloba, 3-inch pots, $5 00 per 100.

NATHAN SMITH & SON,
ADRIAN, MICH.

Geraniums ....and.... Carnations

ALBERT M. HERR, Lancaster, Pa.

Good, Clean, Seasonable Stock at Cheap Prices

Alyssum, Little Gem, from 2-in. pots, $2.00 per 100
Ageratum, White Cap, " 2½-in. " 2.00 "
Achillea, The Pearl, " 2½-in. " 2.00 "
$18.00 per 1000.
Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000. 4-inch, $7.00 per 100.
Asparagus Plumosus Nanus, 2½ in., $3.00 per 100; $25.00 per 1000. 4-in., $8.00 per 100.
Abutilon Souv. de Bonn and Eclip-e, 2½-in., $2.00 per 100. Coleus, 15 fine sorts, 2-in., $2.00 per 100; $17.00 per 1000. Cannas, Austria, Pennsylvania, Black Prince, Chas. Henderson and Chicago, large, strong plants, from 2½-inch pots, $3.00 per 100.
Chrysanthemums, assorted, $2.00 per 100; $18.00 per 1000. Daisy, white and yellow, 2½-inch pots, $2.50 per 100; $20.00 per 1000.
Geraniums, scented, 2½-in., $2.50 per 100.
Heliotrope, Florence Nightingale, $2.50 per 100.
Hydrangea, Monstrosa, 2½-in., $4.00 per 100; $30.00 per 1000. Honeysuckles, Golden Leaved, Halliana and Chinese Evergreen, $2.00 per 100.
Ivy Geranium, 2-inch, $2.00 per 100.
Impatiens Sultani, 2½-inch, $2.00 per 100.
Lantanas, assorted, 2-inch, $2.00 per 100.
Moonflower, white, 2½-inch, $2.50 per 100.
Rudbeckia (Golden Glow), 2½-inch, $2.00 per 100.
Salvia Splendens, 2½-inch, $2.50 per 100.
Violets, Princess of Wales, California, Luxonne, Swanley White and Lady Hume Campbell, nice, clean stock from 2½ inch pots, $2.00 per 100; $18.00 per 1000.
Vinca Variegated, 2½-inch, $2.00 per 100; $18.00 per 1000.
Verbenas, white, pink, scarlet, purple and mixed, 2½-inch, $2.00 per 100.
Good, strong stock from 2½-inch pots of the following named Roses:—Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Gloire de Polyantha, Mignonette, $2.50 per 100; $20.00 per 1000.
Crimson Rambler, Kaiserin Augusta Victoria and Ball of Snow, 2-year-old plants from 4-inch pots, $8.00 per 100.

The Springfield Floral Co., Springfield, Ohio

Mention The Review when you write.

SEASONABLE STOCK.

	Per 100
Geraniums—Leading varieties, mixed, 2½-inch pots	$ 2.25
Petunias—Mixed, 2½-inch pots	2.25
Heliotropes—2-inch pots	2.00
Ivy Geranium—Finest var. mixed, 2-inch pots	2.00
English Ivy—3-inch	3.50
Rose Scented Geranium—2½-inch	2.50
Feverfew—2½-inch pots	2.25
Coleus—2-inch	2.00
" **R. C.**	$6.00 per 1000 .75
Vinca Variegata } 4-in. pots, extra heavy, Rooted Cuttings }	$7.00 per 1000 10 00 .75
Violets—R. Heads P. of Wales	per 1000 10.00
" Campbell Rooted Runners "	6.00
Boston Ferns—2½-inch pot, bound	4.00
Panaies	$8.00 per 1000 1.00

Cash Please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

ROSES

All kinds of TEAS grown for the trade. American Beauties.

GERANIUMS, Red, White, Pink and Salmon.
BOSTON, PIERSONI, ASP. PLUMOSUS, SPRENGERI FERNS, COLEUS of all Kinds.

Write GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Strong, Healthy Stock.	100	1000
Flora Hill	$1.50	$12.50
Mrs. Lawson	2.25	20.00
Prosperity	3.00	27.50

Fine Stock Violets. Princess of Wales, $1.25 per 100; $10.00 per 1000.

CASH WITH ORDER PLEASE.

JOHN CURWEN, Glen Head, Long Island, N.Y.

Mention The Review when you write.

FEVERFEW LITTLE GEM

R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100.

CASH WITH ORDER.

H. STAHLHUT, N. E. Cor. New Lots Road and Shepherd Ave., BROOKLYN, N. Y

Mention The Review when you write.

TRANSPLANTED PANSIES

In bud and bloom, $1.00 per 100; $8.00 per 1000. **Alternantheras, R. C.**—50c per 100 postpaid; 2½-in pots, $2.00 per 100. **Carnations, R. C.**—Inquire for varieties and prices. CASH PLEASE.

HENRY ERNST & SON, Washington, Mo.

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ST. LOUIS FLORISTS!

ARE YOU AWARE that you will have a heavy call for Large, Specimen and Made-up PALMS? In 1900 Buffalo Florists sold to almost every exhibitor, hotel etc., from two to fifty Palms, and you will be called on to do the same. Show the stock and thereby create the demand. Look at our low prices:

	Each.	Per 100.
KENTIA FORSTERIANA—		
6-in., well done, 5 to 6 leaves, 32 to 46 inches high	$1.00-$1.50	$90.00-$110.00
7-in., " 5 to 6 leaves, 32 to 46 "	$1.50-$2.00	$120.00-$150.00

KENTIA BELMOREANA—Done perfect, 6 to 8 leaves, same price as above.

Fine, well pot-bound **Arecas,** 1 to 4 in a pot; 5-in., 45c each, $38.00 per 100. 6-in., 70c each, $60.00 per 100. **Pandanus Utilis,** strong 6-in. at 65c each, $59.00 per 100. **Latanias**—there are none like these in the country; look like Livistona Rotundifolia trunks, 2 to 3 inches in diameter, grown to perfection: 6-in., 45c each, $4.00 per 100; 7-in., 75c each, $65.00 per 100; 8 to 9-in., $1.00-$3.00 each, $95.00-$200.00 per 100. **Rubber Trees,** 2 3½ ft. high, $15.00-$18.00 per doz.

500 Fine Moss Hanging Baskets of Asparagus Sprengeri. ..... $1.00 to $5.00 each.

Very heavy 5-inch Sprengeri, two years old ..... $25.00 per 100.

BOSTON FERNS, 5-in., each 25c, per 100, $20.00; 6-in., each 45c, per 100, $40.00
7-in., 75c to $1.00; 8-in., $1.50 to $2.00; 9-in., $3.00 to $5.00 ea

Get a Sample Order. We are going out of the wholesale business in June; 1200 running ft. of 25-ft. wide modern Greenhouses cost $20,000, for $3,000, 1 year's time to remove, no rent. Three houses are planted with 7000 Boston Ferns, which can be bought with houses for a little. The Ferns will pay for this house easily by August. Come and see us at once, before you buy.

Established 1884. ALBERT FUCHS, 2045-59 N. HAESTED ST. **CHICAGO, ILL.**

Dreer's Aquatic Plants

Hardy and Tender Water Lilies, Nelumbiums, Victorias, etc.

We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well known standard varieties, also the most desirable American and Foreign Novelties. We will gladly give practical advice to those who contemplate using these plants.

HENRY A. DREER, Philadelphia, Pa.

Geraniums

	Per 100.
10 varieties, 2-in. pots, $2.50; 2½-in.	$3.00
10 varieties, 3-in. pots.	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias, May 1	3.00
100 Pelargoniums, 2 in.	3.00

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in.	2.50
50 Boston Ferns, 5-inch pots, each, 25c.	
E. Crocker and F. Hill, 2-in.	2.50
Asparagus Sprengeri,	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $1.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

CARNATIONS, Rooted Cuttings

White.	Per 100	1000
Gov. Wolcott	$3.00	$25.00
Glacier	2.00	17.50
White Cloud	1.50	12.50
Pink.		
Pres. McKinley	3.50	30.00
Floriana	2.50	20.00
Lawson	2.50	20.00
Dorothy	2.00	17.50
Mrs. Joost	2.00	17.50
Nelson	2.00	17.50
Triumph	1.50	12.50
Red.		
Crane	2.50	20.00

Crimson.	Per 100	1000
Gov. Roosevelt	$2.50	$20.00
Gomez	1.50	12.50
Maceo	1.50	12.50
Light Pink.		
Fair Maid	3.00	25.00
Elma	3.00	25.00
Morning Glory	2.00	17.50
Success	1.50	12.50
Variegated.		
Mrs. Bradt	3.00	25.00
Prosperity	2.50	20.00
Gaiety	2.50	20.00

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

Carnations from BLACK SOIL. Ready for out-door planting.
STRONG, HEALTHY PLANTS.

Mrs. Lawson	per 100,	$2.00;	per 1000,	$16.00
Crane	"	2.00	"	16.00
Guardian Angel	"	1.75	"	14.00
White Cloud	"	1.75	"	14.00
Flora Hill	"	1.75	"	14.00

Cash with order.

Olaf E. Sandberg, PETERSON AVENUE, near Robey Street.
Rogers Park Station, **CHICAGO, ILL.**

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Over $65,000 has been paid by the **FLORISTS' HAIL ASSOCIATION** for glass broken by hail.
For particulars address **John G. Esler, Sec'y., Saddle River, N. J.**

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Clean, Healthy, Strong

CARNATIONS.

From 2¼-inch pots.

We can supply the following varieties ready for the field or bench. **Will ship to reach you any date desired.**

Pink.	100	1000
Joost	$2.00	$18.00
Marquis	2.25	20.00
Dorothy	2.50	
Scarlet.		
Crane	$2.50	$22.00

White.	100	1000
Flora Hill	$2.00	$18.00
Innocence	2.50	
Her Majesty	4.00	
Glacier	2.25	20.00
Variegated.		
Prosperity	2.00	18.00

CASH

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

Grafted Roses.

20,000 Brides and Maids.

These are on imported Manetta stock and nothing but healthy flowering wood being used.

Price, $120.00 per 1000.

Wm. A. Leonard, Lansdowne, Pa.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeeana, 2¼-in., 40c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHILLEAS.

Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000.
Springfield Floral Co., Springfield, O.

AGERATUMS.

Ageratums Stella Gurney and White, 2¼-in., 40c doz., $2.00 100. Rooted cuttings of same, $1.00 100 postpaid.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratum White Cap, 2½-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

Ageratums, 3 kinds, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

ALTERNANTHERAS

10,000 Alternantheras P. major and rosea, strong, well rooted cuttings, $4.00 per 1000; 2000 for $7.00. C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternanthera rooted cuttings, 50c 100 postpaid; 2½-in. pots, $2.00 100. Cash.
H. Ernst & Son, Washington, Mo.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Morrison, Ill.

Three kinds, rooted cuttings, 50c 100; strong, bushy plants, $2.50 100.
R. S. Brown & Son, Kansas City, Mo.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALTHEAS

Althea or Rose of Sharon, fine plants, 7 kinds, to 4 ft., $1.00 doz., $6.00 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Double sweet alyssum, fine bushy plants, $2.00 100. W. W. Coles, Kokomo, Ind.

Sweet alyssum, giant dbl., 75c per 100 by mail. S. W. Pike, St. Charles, Ill.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, strong plants, 2½-in. pots, $1.00 100.
L. W. Franks, Montpelier, Ohio.

Alyssum Little Gem, 2-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

AMPELOPSIS.

Ampelopsis Veitchii, 2-in., 50c doz., $3.00 100, $25.00 1000; field-grown, 2 to 3 ft., $1.50 doz., $10.00 100. Good & Reese Co., Springfield, O.

Amp. Veitchii, 2-year, field-grown, very hardy, $8.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

AMPELOPSIS VEITCHII, field-grown; 3 yrs., extra strong, $9.00 per 100, $85.00 per 1000; 2 yrs., first-class, $7.00 per 100, $65.00 per 1000; 2 yrs., selected medium size, $6.00 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, 3 years old, sold out; 2 years, transplanted, first-class, $5.00 per 100, $45.00 per 1000. Cash with order. Sample 10 plants by mail, prepaid, $1.00.
E. Ferrand & Son, Detroit, Mich.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa or Norfolk Island pine, 3 to 4 tiers, 85c each, $9.00 doz.
Good & Reese Co., Springfield, O.

ASPARAGUS.

Asparagus Sprengeri, choice stock, ready for pots two sizes larger, 2½, 3, 4, 5, 6, 7-in. pots, 3c, 5c, 8c, 12c, 25c, 35c, 75c each. Asparagus plumosus nanus, $6.00 per 100.
J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 2½-in., $2.50 100, $20.00 1000; 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus plumosus nanns, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus Sprengeri, 3-in., extra strong, $4.00; 4-in., $6.00; 5-in., $8.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, 2-in., $3.00 100. A. Sprengeri, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
James D. Hooper, 812 Brook Ave., Richmond, Va.

Asparagus Sprengeri, 3-inch, strong, $4.00 100.
Wm. Keir, Pikesville, Md.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Sprengeri, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, green, $10.00 per 100 leaves. Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Aspidistras, green, $6.00 per 100 leaves; variegated, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

New Aster MISS KATE LOCK, blooms 6 to 7 inches across, stems 36 to 39 inches long. Mixed seed only, $1.00 per one-sixteenth of oz.
J. H. Lock, 41 Manchester Ave., Toronto, Can.

Asters, Semple's, 7 colors, separate, from seed bed, 25c 100, $2.25 1000. Postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Aster Hohenzollern, best early white, once trans., 50c 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

AZALEAS.

Azaleas, Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100. Azalea mollis (hardy), 35c each, $3.00 doz., $20.00 100.
Good & Reese Co., Springfield, O.

Azalea mollis, well-budded, from $35.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azalea mollis, 30c each. Satisfaction guaranteed.
Frank Kadlec, 177 Johnston Ave., Chicago.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees, pyramids and standards, $10.00 and up. F. W. O. Schmitz, Prince Bay, N. Y.

BEDDING PLANTS.

Bedding plants in season. 50,000 geraniums, 300,000 pansies and all other seasonable bedding and some hardy perennial plants; also a few million vegetable plants in season. Price list mailed free on application from either place.
Ludwig Mosbaek, South Chicago, Ill., or Onarga, Ill.

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BEGONIAS.

BEGONIA VERNON, red, white, pink and mixed; extra bushy, 2½-inch, ready for 4-inch, in bud, $1.75 per 100, $16.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea maniculata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
W. T. Stepheus & Co., Brookfield, Mo.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonia ricinifolia maculata, 2½-in., $5.00 per 100. C. W. Baker, Springfield, Ohio.

Begonias in var., 3 and 4-in., $5.00 100.
Geo. L. Miller Co., Newark, Ohio.

Rex begonias, 4-in., $10.00 per 100.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

BOG PLANTS.

Bog plants, including Dionaea mucipula, Sarracenias flava, purpurea, rubra, etc. Write for prices. James M. Lamb, Fayetteville, N. C.

BOX TREES.

Boxtrees, standards and pyramids, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BOX WOOD.

Boxwood. Holland-grown; bush. 2 ft., 75c each; pyramidal, 4½-ft., $1.00 each.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

3000 boxwood, dwarf, for sale. Fine, 3-yr.-old, $2.00 100; $15.00 1000. Cash with order.
John Kready, Mt. Joy, Lan. Co., Pa.

BULBS.

	12	100	1000
Tuberous rooted begonias. Single mixed, all colors, 1 to 2-in.	$0.30	$2.00	$18.00
Gloxinias.			
White, blue, violet, tig., sep.	.50	3.50	30.00
Defiance, brilliant red	.50	3.50	30.00
All colors mixed	.40	2.75	25.00
Tuberose, Excelsior Pearl.			
4x6-inch, superb quality	.10	.80	6.50
3x4-inch, superb quality	...	.40	3.00
Fancy leaved caladiums	3.00	20.00	.....

Lilium Harrisii, Bermuda.
5x7, case of 400, $7.00; 2 cases, $12.00
6x7, case of 300, 7.00; 2 cases, 12.00
H. H. Berger & Co., 47 Barclay St., N. Y.

Caladium esculentums. Nothing but first-class stock.
5 to 7-in. cir. $0.40 doz., $2.50 100
7 to 9-in. cir. .60 doz., 4.00 100
9 to 12-in. cir. .90 doz., 7.00 100
Mammoth 1.60 doz., 13.00 100
Tuberoses. Dwarf Excelsior Pearl.
Mammoth, 6 to 8-in. $1.50 100.
No. 1, 4 to 6-in. 1.00 100, $7.50 1000
Medium .60 100, 4.50 1000
If goods are not satisfactory, return them and get your money back.
Frank Kndlec, 177 Johnston Ave., Chicago.

	12	100	1000
Single begonias. 1¼-in. and upward, scarlet white, crimson, rose, yellow	.30c	$2.25	$20.00
Tuberous rooted, dbl. 5 sep. col.	.50c	4.00	35.00
Gloxinia crass. erecta, 1¼-in. to 2-in.	.60c	4.00	.....
Second size, 1¼-in. and up, mix.	.40c	3.00	.....

Johnson & Stokes, 217-219 Market St., Phila.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required.
J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agavea, Dion Edule. Write for prices.
William Tell, Austin, Tex.

10,000 Ismene calathina, fine bulbs. First size, large bulbs, $8.00 100; $70.00 1000. Second size, blooming bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

We are growers and wholesale dealers in high-class flowering bulbs. Prices to the wholesale trade only on application.
Rees & Compere, R. D. No. 1, Long Beach, Cal.

Spotted calla bulbs, 1 to 1½-inch, good, $1.50 100; 1½ to 2-inch, $2.00 100. Cash.
H. T. & A. H. Funnell, Huntington, L. I., N. Y.

Caladium bulbs, 5-7, $3.00, 7 to 9, $4.50; mammoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

Tuberoses, Excelsior Pearl, 4-6, $6.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

CAMELLIAS.

Camellia japonica, all colors, 2 ft., 60c each, $6.00 doz., $45.00 100.
Good & Reese Co., Springfield, O.

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CANNAS.

THREE NEW CANNAS.
HON. W. R. HEARST, large, free bloomer; scarlet, mottled and edged with golden yellow; outside of petals almost pure yellow; first in bloom.
SENATOR HANNA, large flower; pure orange, tinged with golden yellow.
MRS. JOHN A. LOGAN, vigorous grower; scarlet, with broad yellow golden border; resembles Queen Charlotte.
Any of the above $1.00 each. Cash.
H. D. Seele, Canna Specialist, Elkhart, Ind.

Cannas, dry tubers, our choice of sorts and colors, $1.00 100. We will furnish good assortment in the following varieties: Florence Vaughan, Canary, Burbank, Grand Rouge, Mme. Crozy, Chas. Henderson, Bronze Bedder, Beaute Poitevine, J. Montel, J. D. Eisele, Duke of Marlborough, Scarlet Queen, etc.
R. S. Brown & Son, Kansas City, Mo.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Cannas, $1.00 per 100 and up. Send for varieties. W. W. Coles, Kokomo, Ind.

Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Prea. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
Good & Reese Co., Springfield, O.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

10,000 cannas, good, live eyes. Rosemawr, Glorlosa, Mme. Crozy, Queen Charlotte, 1500 crimson seedlings (this is a good canna), and 1500 bright red seedlings (extra good variety), at $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

50,000 named cannas, best colors, $2.00 100; not named, $1.50 100. Cash. Send for list of cannas and bedding stock.
Benj. Connell, West Grove, Pa.

Cannas Austria, Pennsylvania, Black Prince, Henderson, Chicago, large, strong plants from 2½-in. pots, $3.00 100.
Springfield Floral Co., Springfield, O.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Cannas. Over 40 varieties, strong tubers, 2 and 3 eyes. Write for price list.
Vick & Hill Co., Rochester, N. Y.

10,000 canna roots, in 10 leading varieties, from 75c to $1.25 100.
J. H. O'Hagan, Little Silver, N. J.

CARNATIONS.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100.	1000.		100.	1000.
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.00	18.00	Flora Hill	1.25	10.00
G'n Angel	1.25	10.00	Wh. Cloud	1.25	10.00
H'botham	2.00	15.00	Peru	1.25	10.00
Syhil	3.00	25.00	Q'n Louise	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'ndes	3.00	25.00
Estelle	2.50	20.00	Marion	1.25	10.00
Mrs. Ine	1.25	10.00	Bradt	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Roosevelt	3.00	25.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Mrs. P. Palmer	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Floriana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties:

Lady Bountiful	Judge Hinsdale
The Bell	The President
Mrs. Patten	Indianapolis

$12.00 per 100; $100.00 per 1000.
A very profitable and novel set of bright shades, odd colors and very attractive—Bizarre Mauvina, Neptune, Aurcola and Senorita, at $10.00 100; $75.00 1000.

	100	1000		100	1000
Adonis	$6.00	$50	Apollo	$3.00	$25
Harlowarden	6.00	50	Stella	3.00	25
McKinley	5.00	40	H. Fenn	3.00	25
M. Field	5.00	40	Lorna	3.00	25
Mrs. Roosevelt	5.00	40	Wolcott	4.00	30
Gov. Lowndes	5.00	40	D. Whitney	4.00	30
M. Glory	2.50	20	G. Roosevelt	2.50	20

F. Dorner & Sons Co., Lafayette, Ind.

Special low prices for 10 days on rooted carnation cuttings.

	100	1000		100	1000
Lawson	$1.25	$12.00	Palmer	$2.00	$18.00
Nelson	2.00	18.00	Hill	1.00	8.00
G. Angel	1.00	8.00	W. Cloud	1.25	10.00
Dorothy	1.50	12.50	Q. Louise	1.25	12.00
Joost	1.00	8.00	Higinbotham	2.00	18.00
Crane	2.00	18.00	Prosperity	2.00	18.00
America	2.00	18.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

THESE VARIETIES NOW READY.

	100	1000		100	1000
Red—			White—		
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am.	1.50	12.50
W. Cloud	1.50	12.50	G. Angel	1.25	10.00
Flora Hill	1.50	12.50	Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Adonis	$7.00	$60.00	Lawson	$2.50	$20.00
Enchant	6.00		Louise	2.50	20.00
McKinley	4.00	30.00	Bradt	2.50	20.00
Estelle	4.00	30.00	F. Hill	2.00	15.00
Nelson	3.50	30.00	Joost	1.50	12.50

VESPER, the finest white on the market. $1.50 doz., $10.00 100, $75.00 1000. Cash. No C. O. D.
Wm. C. Smith, 61st & Market, Philadelphia.

Carnations, from 2¼-in. pots, ready for the field or bench. Will ship to reach you any date desired.

	100	1000		100	1000
Joost	$2.00	$18.00	Innocence	$2.50	
Marquis	2.25	20.00	H. Majesty	4.00	
Dorothy	2.50		Glacier	2.25	$20.00
Crane	2.50	20.00	Prosperity	2.00	18.00
Hill	2.00	18.00			

Buckley Plant Co., Springfield, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnation cuttings.

	100	1000		100	1000
Ench'tress	$6.00	$50.00	Glacier	$2.00	$20.00
Gov. W'cott	4.00	35.00	Marquis	2.00	17.50
Nelson	3.00	25.00	Gov. R'velt	2.50	20.00
Estelle	3.00	25.00	Joost	2.00	15.00
Crane	2.50	20.00	Q. Louise	2.00	17.50
Lawson	2.50	20.00	Triumph	1.50	12.50

Bell Miller, Springfield, Ill.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	Hill	1.50	10.00
W. Cloud	1.50	12.50	Palmer	1.50	12.50
Q. Louise	1.50	12.50	Mrs. Ine	1.25	9.00

John Brod, Niles Center, Ill.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttings, first-class stock.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100	1000		100	1000
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations:

	100	1000		100	1000
Lawson	$2.00	$16.00	W. Cloud	$1.75	$14.00
Crane	2.00	16.00	F. Hill	1.75	14.00
G. Angel	1.75	14.00	Cash with order.		

Olaf E. Sandberg, Peterson Ave., nr. Robey St., Rogers Park Sta., Chicago, Ill.

Rooted carnation cuttings, strong, healthy stock.
Flora Hill $1.50 100, $12.50 1000
Mrs. Lawson 2.25 100, 20.00 1000
Prosperity 3.00 100, 27.50 1000
Cash with order, please.
John Curwen, Glenhead, L. I., N. Y.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

10,000 extra fine rooted cuttings of carnations. The Queen, ready for April 1 delivery, $40.00 per 1000, $5.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

CARNATIONS—Continued.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnation cuttings, 1000 Queen Louise; 2500 Flora Hill; 5000 Mrs. Joost, $1.25 per 100; $10.00 per 1000. These cuttings are well rooted and free from disease. Cash with order or C. O. D. W. B. Girvin, Leola, Pa.

FIANCÉE, a beautiful clear pink, judged as the finest carnation in the world. To be disseminated Jan., 1905. Orders booked at the following rate: 100, $12.00; 1000, $100.00.
Chicago Carnation Co., Joliet, Ill.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crown Point Floral Co., Crown Point, Ind.

Carnation cuttings, clean, healthy and well-rooted. Snowdrift, $1.25 100, $10.00 1000; Joost and Cartledge, $1.00 100, $8.00 1000; Gov. Roosevelt, $2.00 100.
John R. Shreiner, Lancaster, Pa.

150,000 2½-in. carnations. Wolcott, Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Lorna, Palmer, Lawson, Wood, Roosevelt, $3.50 100. Hill, $2.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Carnations for summer blooming. Mrs. Fisher, $20.00 1000. Wm. Scott, $15.00 1000. Strong, healthy plants from soil. We guarantee satisfsaction.
Leo Niessen, 1217 Arch St., Philadelphia.

Surplus stock. 1000 Margaret carnations, white and mixed, strong, transplanted from January sowing, $1.00 per 100.
Geo. F. Heath, Bennington, Vt.

We have a small surplus of carefully selected, well-rooted carnation cutting. Write us if you are looking for the best stock.
Bassett & Washburn, 76 Wabash Ave., Chicago.

We are booking orders for Fiancee, the fineat carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations from flats. Hill and Joost, $1.25 per 100. Prosperity, $2.00 per 100. Extra well-rooted. Postpaid.
A. B. Campbell, Cochranville, Pa.

500 Enchantress carnations out of 2¼-in. pots, ready to plant out, at $7.00 per 100.
Geo. A. Rackham, 889 Van Dyke Ave., Detroit, Mich.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

Carnation rooted cuttings, good, clean stock. See display adv. for varieties and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

500 Queen Louise and 300 Ethel Crocker carnations, in 2½-in. pots, $2.50 per 100.
A. R. Knowles, Bloomington, Ill.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Bernheimer, 11 So. 16th St., Phila.

2000 Boston Market rooted cuttings, $3.00 per 100, $25.00 per 1000.
F. H Pasell & Son, New Bedford, Mass.

Carnations, Crocker and Hill, 2-in., $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

CENTAUREAS.

Surplus stock. Centaurea gymnocarpa (Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

CHRYSANTHEMUMS.

Chrysanthemums, strong plants, 2-in. pots, $2.50 per 100, $20.00 per 1000:

Mrs. Henry Robinson,	W. H. Chadwick,
Mrs. O. P. Bassett,	Polly Rose,
Gov. Beckham,	Col. D. Appleton,
White Bonnaffon,	Bonquet of Roses,
A. J. Balfour,	E. Dailledouze,
	Ivory.

NANZ & NEUNER, Louisville, Ky.

We have 600,000 chrysanthemums, 2½-in. pot plants and rooted cuttings. All the leading varieties. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. Rooted cuttings and 2-inch.

White.	R. C., per 100.	2-inch, per 100.
Timothy Eaton	$2.00	$3.00
W. H. Chadwick	2.00	3.00
White Bonnaffon	1.50	2.50
Minnie Wanamaker	1.50	2.50
Geo. S. Kalb	1.50	2.50
Estelle	1.50	2.50
Mrs. Robinson	1.50	2.50
Ivory	1.50	2.50
Merry Christmas	1.50	2.50
Yellow.		
Golden Wedding	1.50	2.50
Golden Beauty	1.50	2.50
October Sunshine	1.50	2.50
Col. Appleton	1.50	2.50
Major Bonnaffon	1.50	2.50
Pink.		
Mrs. Murdock	1.50	2.50
Viviand-Morel	1.50	2.50
Mrs. Perrin	1.50	2.50
Glory of Pacific	1.50	2.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rooted chrysanthemum cuttings.

Lady Fitzwygram	Niveus
Yellow Fitzwygram	Mutual Friend
G. S. Kalb	Helen Bloodgood
Monrovia	White Ivory
Florence Teal	Pink Ivory
Glory of Pacific	Cullingfordii
Polly Rose	Adula
Willowbrook	Jerome Jones
Golden Trophy	Blackhawk
Mrs. H. Robinson	Golden Wedding
Appleton	W. H. Lincoln
Minerva	Maud Dean
I. W. Childs	Nagoya
John Shrimpton	Timothy Eaton
Philadelphia	Mme. F. Perrin
Viviand-Morel	Bonnaffon
Halliday	

$1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
WM. F. KASTING, Buffalo, N. Y.

Rooted cuttings now ready. Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diedericks, $6.00 100. Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Mrs. E. D. Smith, Maud Dean, Primo, White Bonnaffon, Lady Playfair, Mary Hill, Intensity, Adrian, H. Hurrell, Brutus, Yanoma, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, Mrs. Coombes, from sand, $2.00 100; $18.00 1000. Bonnaffon, Mrs. H. Robinson, Niveus, Murdock, Jerome Jones, F. B. Hayes, Merry Monarch, white and yellow; Robert Halliday, Mme. Bergmann, Glory of Pacific, Polly Rose, Ivory, white; Willowbrook, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. NEIPP, Aqueduct, Woodhaven, N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100:

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
H. N. EATON, South Sudbury, Mass.

Rooted chrysanthemum cuttings, $1.50 100.

Kalb	V. Morel	Harry Parr
Willowbrook	J. K. Shaw	R. Halliday
Polly Rose	Mrs. Coombes	Mrs. E. D. Smith
Queen	M. Calvat	Yellow Jones
Mrs. J. Jones	Mrs. Murdock	Mayflower
T. Eaton	Mrs. Perrin	C. Appleton
M. Xmas	Maud Dean	G. Wedding
Chadwick	Pres. Smith	Pennsylvania
Opah	Woodford	M. Bonnaffon
Lady Harriet	H. Bloodgood	Goldmine
Sunshine	R. H. Pearson	

Bell Miller, Springfield, Ill.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pockett varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemums, strongest plants in the market, from flats. Golden Beauty, Col. Appleton, Eaton, Niveus, Polly Rose, Henderson, Red and others, $2.25 per 100; $20.00 per 1000. Send 25 cents for samples.
John Stamm, Hutchinson, Kans.

Chrysanthemums, Bonnaffon, Pacific, Ivory, Perrin, Eaton, and all other commercial varieties, 2½-in. pots, $2.50 100; rooted cuttings, $1.25 per 100.
J. H. Orth & Co., McKeesport, Pa.

Chrysanthemums, well-rooted cuttings. Glory of Pacific, $1.25 per 100. T. Eaton and Col. Appleton, $1.50 per 100. By mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemum rooted cuttings, from flats, Ivory, Queen, Pullman, Eaton, Perria, Lavender Queen, Polly Rose, $1.25 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

Chrysanthemum rooted cuttings, Maud Dean, Kalb, Ivory, Robinson and G. Pacific, $1.50 100. Robinson, Dean and Kalb in 2 and 2½-in., good, strong plants, $2.50 per 100. Cash.
W. T. Stephens & Co., Brookfield, Mo.

Chrysanthemums. Colonel Appleton, Major Bonnaffon, Mrs. Perria, Minnie Wanamaker, Timothy Eaton, Viviand-Morel, Marion Newell, rooted cuttings, $1.25 100, $10.00 1000. Cash.
J. E. Felthousen, Schenectady, N. Y.

White Maud Dean, ready now, 2½-in. pots, $15.00 100, $2.50 doz. Estelle and 6 other var. from soil, $3.00 100, $25.00 1000.
S. S. Skidelsky, 708 No. 16th St., Phila.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.
Chase & Son, New London, O.

Chrysanthemum cuttings, Major Bonnaffon, Mrs. Robinson, Golden Wedding, $1.00 per 100. Chadwick cuttings later.
Otto Hansen, Mont Clare, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Chrysanthemum White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Chrysanthemums, 2-in., best sorts, 40c doz., $2.50 100, $20.00 1000. New var., 2-in., $1.00 doz. Good & Reese Co., Springfield, O.

5,000 chrysanthemums, 2¼-in.; T. Eaton and Col. Appleton, $2.00 100. Well established.
A. B. Campbell, Cochranville, Pa.

Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
H. Weber & Sons, Oakland, Md.

Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon chrysanthemums, $2.00 100.
W. W. Coles, Kokomo, Ind.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

Chrysanthemum rooted cuttings, leading standard varieties, $1.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

70 best varieties of chrysanthemums. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Chrysanthemums, assorted, $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Chrysanthemums, young plants, $2.50 per 100. The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Surplus stock. Several hundred Cineraria maritima (white leaved Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

CLEMATIS.

Clematis, Holland-grown, large tg., $3.60 per doz., $25.00 per 100. Jackmani, Gypsy Queen, Henryi; Mme. Baron Veillard, pink; Mme. Edward Andre, red.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Clematis, H. P. roses, Hydrangea pan. grand. and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Clematis, strong 2 and 3 yr., $3.00 doz. C. paniculata, 2 and 3 yr., $1.00 doz. All outdoor grown. F. A. Baller, Bloomington, Ill.

Clematis paniculata, 2-in., 50c doz., $3.50 100. C. Jackmanii, 30c each, $3.00 doz., $20.00 100. Good & Reese Co., Springfield, O.

Jackmani, 2-year-old field-grown, fine, $2.50 doz.; paniculata, 75c doz. Cash.
Benj. Connell, West Grove, Pa.

Clematis Jackmanii, field-roots, $12.00 per 100. Sample mailed for 15 cents.
O. H. Drew, Hibernia, New York.

Clematis coccinea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
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Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.
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Coleus, 2-in., 20 best sorts, 30c doz., $2.00 100, $15.00 1000. C. Thyrsoidens, Christmas Gem, 2-in., 50c doz., $3.00 100.
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Geo. L. Miller Co., Newark, Ohio.

Coleus. Golden Bedder, Verschaffeltii, red gilt-edged and fancy mixed, strong, 2½-in., $1.75 per 100, $16.00 per 1000.
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Coleus in variety, rooted cuttings, 60c 100; 2-in., $2.00 100. Satisfaction guaranteed or money refunded.
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Coleus Verschaffeltii, rooted cuttings, 75c 100 by mail; $5.00 1000 by express.
Rutledge Nurseries, Rutledge, Pa.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
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Coleus, 2-in., $2.00 100. Rooted cuttings, 75c 100, $6.00 1000. Cash.
Converse Greenhouses, Webster, Mass.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
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Native perennials for park and garden. Rosa carolina, asclepias, belenium, Lobelia cardinalis, Lythrum salicaria, thalictrum, iris, etc. Price list sent on application.
Shatemuc Nurseries, Barrytown, Dutchess Co., N. Y.

For small fruit trees, shade and ornamental trees, shrubs, etc., see displayed adv. in this issue.
Spaulding Nursery and Orchard Co., Spaulding, Ill.

Strong clumps of Iris Kaempferi, 30 grand novelties, 15c each, $1.50 doz. 50 sorts mixed, to clean out, 75c doz., $5.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Bleeding Hearts, strong clumps, 5c.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Dwarf box, fine and strong, from an old garden, $1.50 per 100, $12.50 per 1000. Samples sent. James M. Lamb, Fayetteville, N. C.

Surplus shrubs cheap. Also a full assortment of trees and plants. Send for list.
Shrewsbury Nurseries, Eatontown, N. J.

Hardy phlox, in 25 mixed varieties, $5.00 100, $45.00 1000. Cash with order, please.
W. Knuth, 916 Bosworth Ave., Chicago.

Rudbeckia Golden Glow, strong divisions, $2.00 per 100; $12.50 per 1000.
Wm. A. Finger, Hicksville, L. I., N. Y.

Stokesia cyanea, plants from seed bed, $1.00 per 100 postpaid.
A. B. Campbell, Cochranville, Pa.

Ampelopsis Veitchii and Clematis paniculata. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

Hardy phlox, clumps; best varieties, $6.00 per 100. John Stamm, Hutchinson, Kans.

Send for our list of surplus nursery stock.
Suzuki & Iida, 31 Barclay St., New York.

Rudbeckia Golden Glow, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Collected trees, shrubs and plants.
L. E. Williams, Nottingham, N. H.

HELIOTROPES.

Heliotropes, all dark, rooted cuttings, $1.00 100, $9.00 1000. 2½-inch pots, $2.00 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

Heliotropes, best dwarf varieties, 2-in., ready April 10, $2.00 per 100.
N. O. Caswell, Delavan, Ill.

Heliotropes, 6 best sorts, 2-in., 35c doz., $2.50 100, $20.00 1000
Good & Reese Co., Springfield, O.

Heliotropes, in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Heliotropes, fine 2¼-in., to make room, $2.00 per 100. W. H. Parsil, Summit, N. J.

Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotropes, 5 kinds, 3-in., $5.00 100; 2-in., $2.00 100. Geo. L. Miller Co., Newark, Ohio.

Heliotrope, best sorts, good stock, $4.00 100.
R. S. Brown & Son, Kansas City, Mo.

Heliotrope Florence Nightingale, $2.50 100.
Springfield Floral Co., Springfield, O.

Heliotropes, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Heliotropes, best varieties, $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

Hibiscus, 10 leading sorts, dbl. and single, 2-in., 40c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HONEYSUCKLES.

Honeysuckles, Hall's Japan, Chinese Evergreen, Scarlet Trumpet, Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000.
Good & Reese Co., Springfield, O.

Honeysuckles Halliana, Chinese Evergreen, golden leaved, $2.00 100.
Springfield Floral Co., Springfield, O.

Hall's Japan, field-grown, strong, $4.00 per 100. Cash. Benj. Connell, West Grove, Pa.

HOLLYHOCKS.

Hollyhocks. Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.
Send for catalogue of hollyhocks, dahlias and hardy herbaceous plants.
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HYDRANGEAS.

Hydrangea azurea, sky-blue, new Paris variety; 2-year-old plants for growing on to specimens, from 6-in. pots, $75.00 per 100. Cash with order, please.
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Hydrangea hortensis rosea, finest introduction of late years, 2½-in. pot cuttings, well-rooted, $6.00 per 12; $45.00 per 100. Ready for immediate delivery.
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Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
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Hydrangea Otaksa, 6-7-in. pots, good, strong plants that will need 7-8-in. pots, 25c and 35c.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea. Thos. Hogg, out of 2½-in. pots, $2.50 100, $20.00 1000.
C. M. Niuffer, Springfield, Ohio.

Hydrangeas, strong stock, 4 to 6-in. pots, 10 to 20 cents.
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Hydrangea monatrosa, 2½-in., $4.00 100, $30.00 1000. Springfield Floral Co., Springfield, O.

Hydrangea Otaksa, 6-in., 3 to 4 buds, $2.50 per doz. Geo. H. Benedict, Yorkville, N. Y.

IMPATIENS.

Impatiens sultani, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

IVY.

Boston ivy, Holland-grown, 3 to 4 ft., per 5, 75c; per 100, $13.00. Home-grown, 2-yr.-old, per 100, $10.00.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, 1000 extra strong bushy plants, 4-ft. high, $15.00 100; $2.25 doz. 100 extra fine 8-ft. plants, $4.00 doz.
John Reck & Son, Bridgeport, Conn.

English ivy, rooted cuttings, $1.25 100, $10.00 1000. 2½-inch, $2.00 100. Cash.
J. E. Felthouaen, Schenectady, N. Y.

English ivy plants, 8-in. long, $2.00 per 100.
J. H. Bornhoeft, Tipton, Ind.

English ivy, strong, 4-in., $10.00 100.
H. Weston, Hempstead, N. Y.

German ivy, 2½-in., $2.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

English ivy, 3-in., $3.50 100. Cash.
Converse Greenhouses, Webster, Mass.

German ivy, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

JASMINES.

Jasmines Grand Duke, Cape, 2-in., 50c doz., $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Trailing lantanas, 2½-in., $3.00 100.
Geo. L. Miller Co., Newark, Ohio.

Lantanas, assorted, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LEMONS.

Lemon ponderosa, 2-in., 50c doz., $3.00 100; 15 in. high, 3-in., $1.00 doz., $8.00 100; 20 in. high, 4-in., $1.50 doz., $12.00 100; 36 in. high, 6-in., $5.00 doz.
Good & Reese Co., Springfield, O.

LILIES.

Calla lily of the Nile, Little Gem; yellow and spotted callas. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
H. N. Bruns, 1409 W. Madison St., Chicago.

Empress lily of valley, $12.00 1000. Case 2500, $25.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

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Madeira vines, strong roots, 25c doz., $1.50 100, $10.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

MAGNOLIAS.

Magnolias, with buds, $1.25 each.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Ipomaea mexicana (Mexican morning glory), strong 1 and 2-yr.-old roots, $1.75 doz. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

A. W. Smith's hybrid moonvinea, Ipomea noctiflora, 2½-in., $5.00 per 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

5000 moonvines, 2¼-inch pots, $3.50 100; 3-inch, very strong, $5.00 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Moonvines, white, blue, 2¼-in., 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moonvines, blue and white. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Moonvines, 2-in., blue and white, 40c doz., $2.50 100. Good & Reese Co., Springfield, O.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Moonflower, white, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

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Oleandera, double pink, white and yellow, 2¼-in., $4.00 per 100.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

PALMS, ETC.

Palms, fine plants; more for your money than from Belgium.

Latania borbonica, from 5½-in. pots				$25.00 100
Kentia Belmoreana,	"	3-in.	"	15.00 "
" "	"	4-in.	"	25.00 "
" "	"	4½-in.	"	35.00 "
" "	"	5-in.	"	45.00 "
" Forateriana,	"	3-in.	"	20.00 "
" "	made-up plants, 5 to 7-in. pots, about 2½ to 3-ft., high,			$18.00 per doz.

Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Latania borbonica, Kentiaa Forsteriana and Belmoreana, Phoenix canariensis and Washingtonia filifera. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Kentias, strong; 3-in., $12.50; 4-in., $25.00 100. W. W. Coles, Kokomo, Ind.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

Latanias, kentias, arecas, phoenix, pandanus, etc., 3-in., 10c each; 4-in., 15c; 5-in., 25c; 6-in., 40c. Batavia Greenhouses, Batavia, Ill.

We have a choice lot 4, 5 and 6-in. kentiaa. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Latanias, 4-in., $10.00 100.
Geo. L. Miller Co., Newark, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size and greatest variety of rich and rare colors and markings. Every variety worth growing, including all the giant sorts, are in this strain and they were grown from seed specially selected from the finest flowers of each sort. Fine stocky, hardy, field-grown, seed-bed plants, sowed thinly, just coming in bud, all varieties mixed, $4.00 per 1000; 500, $2.25. Cash with order. Pansies a specialty for 30 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

100,000 pansies, superb strain, ready now. Fine, large fall transplanted pansies, in bud and bloom. A trial order will convince you that these are the best you ever handled. $1.25 100; $10.00 per 1000. Cash with order.
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Pansy plants of my largest flowering mixture of show varieties; unsurpassed quality; large, stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies. Prize strain of Bugnot, Cassier and Odier; large plants once transplanted, 50c 100; $4.00 1000; extra large, coming in bud, $1.00 100. S. Whittou, 15 Gray Ave., Utica, N. Y.

Pansies, strong plants in bud and bloom, $2.00 100. Cash.
H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Pansy plants, fall transplanted, large flowering, mixed, in bud, $1.50 per 100.
A. R. Knowles, Bloomington, Ill.

Transplanted pansies, in bud and bloom, $1.00 100, $8.00 1000. Cash.
H. Ernst & Son, Washington, Mo.

Pansies, $1.00 100, $8.00 1000. Cash, please.
Converse Greenhouses, Webster, Mass.

PELARGONIUMS.

Pelargoniums, Mme. Thibaut, Sandiford, Victor, Red and Jack, 2-in., $2.00; 3-in., $4.00; 4-in., $8.00. Batavia Greenhouses, Batavia, Ill.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

Pelargoniums, 15 var., named, $2.25 100. Exp. paid. S. D. Brant, Clay Center, Kans.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

Peonies. Sinensis, Queen Victoria, Dbl. White, 12c; Officinalis, Pink and Red, 3 eyes and up, 12c.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Japan herbaceous novelties, to clear out stock, reduced to $2.00 per doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

Peonies, double pink, good variety; good roots, $6.00 per 100.
Levant Cole, Battle Creek, Mich.

PETUNIAS.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Braat, Clay Center, Kan.

Petunias, dbl., fine, assorted, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

PETUNIAS—Continued.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double-fringed petunias, 2-in., $2.00 100. E. I. Rawlings, Quakertown, Pa.

Seedling petunias, May 1, $3.00 100. Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

Poinsettias, dormant, 6-in., 30c each. Batavia Greenhouses, Batavia, Ill.

PRIMULAS.

Primula Forbesii, Baby primrose, 2-in., 50c doz., $2.50 100. Good & Reese Co., Springfield, O.

Baby primrose, Forbesi, 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

CALIFORNIA PRIVET.	1000.
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18-in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, S-in., strong	.80
Cuttings, S-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100. Good & Reese Co., Springfield, O.

California privet, 3 to 4-ft., transplanted, $4.00 100; 18 to 20-in., bushy, $2.00 100. Benj. Connell, West Grove, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendrons ponticum, 40c each.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Rhododendrons, large plants, $90.00 100; specimens, $150.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

Rhododendrons, 2 ft. high, 85c each, $9.00 doz. Good & Reese Co., Springfield, O.

ROOTED CUTTINGS.

Rooted cuttings at 50c per 100, dwarf blue lobelias. At 75c, dbl. sweet alyssum, annual pinks, single mixed; double, red and white; hardy pinks (cyclops). At $1.00, dbl. yellow dais, heliotrope. Salvia Silverspot, weeping lantanas, feverfew, vincas light or dark varg.; large-flowering Marguerites, yellow and white; English and German ivy, artillery plant, cigar plants, Venus' hair and Abutilon Savitzii. At $2.00, the new ivy geraniums, Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, big 3-in. Sprengeri, vincas and Boston runners.
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Rooted cuttings. Ageratums—Gurney, Pauline; Alternantheras—yellow, 50c 100. Double petunias—15 kinds, $1.05 per 100. Salvias—Splendens, Bonfire, Silver Spot; Stevia var., 90c per 100. Hardy pink—5 best kinds; Vinca var., 75c per 100. Fuchsias—5 kinds. Lantanas—Harkett's Perfection and trailing. Heliotropes—blue, $1.00 per 100. Rex begonias, asst., $1.10 per 100. Prepaid. Cash.
Byer Bros., Chambersburg, Pa.

ROSES.

Young rose stock. Per 100:			
Brides,	2-in., $2.50;	2½-in.,	$3.50
Bridesmaids,	2-in., 2.50;	2½-in.,	3.50
Ivory,	2-in., 2.50;	2½-in.,	3.50
Beauties,	2-in., 4.50;	2½-in.,	6.00
Perles,	2-in., 3.00;	2½-in.,	4.00
La France,	2-in., 3.00;	2½-in.,	4.00
Kaiserin,	2-in., 3.00;	2½-in.,	4.00
Woottons,	2-in., 3.00;	2½-in.,	4.00
Hermosa and Soupert,		2½ in.,	3.00
Hermosa, strong, 2-year-old,			5.00

James C. Murray, Peoria, Ill.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	6.00	50.00			

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmiae seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTRESS, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.

Rose plants, strong 2½-in. stock. Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Bride and Maids, 3-in., $5.00 100, $40.00 1000. Chatenay, 2½-in., $5.00 100, $45.00 1000; 3-in., $6.00 100, $55.00 1000.

John Brod, Niles Center, Ill.

Rose plants, strong, 2½-in. stock.

	100.	1000.		100.	1000.
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridemaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise 8.00 70.00
Liberty	8.00	70.00	G. Gate 7.00 60.00

The Beathey-Coatsworth Co., 35 Randolph St., Chicago.

Roses, low-budded, all Holland-grown. Climbing, all 4 to 5 ft. Crimson Rambler, Pink Rambler, White Rambler, Seven Sisters, Queen of the Prairie, Baltimore Belle, per 10, $2.50; per 100 ass't, $20.00. H. P. roses in 14 varieties, per 10, $1.30; per 100 ass't, $11.00. If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00			

Rooted rose cuttings.

Bride	$1.50	$12.50	Maid 1.50 12.50
G. Gate	1.50	12.50	Ivory 1.50 12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

AMERICAN BEAUTIES, clean, healthy stock.
2-in., $5.00 per 100; $40.00 per 1000.
3-in., $6.00 per 100; $50.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Franz Deegen, $18.00 per 100.
Ready now.
S. J. Reuter, Westerly, R. I.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT. BRIGHTON, MASS.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Brides and Maids, $12.00 per 100; Liberties, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, 2½-in. Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Glory de Polyantha, Mignonette, $2.50 100, $20.00 1000; 4-in., Crimson Rambler, Kaiserin, Ball of Snow, 2-yr.-old, $8.00 100.
Springfield Floral Co., Springfield, O.

Roses. 2-yr.-old dormant plants of Yellow Rambler, Gardenia, Wichuraiana, Universal Favorite, Manda's Triumph, Evergreen Gem and South Orange Perfection, 6c each, $5.00 100.
Iowa Seed Co., Des Moines, Iowa.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

H. P. roses, leading market varieties, $10.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Extra cheap offer roses for winter forcing, true and good. Ideal (Improved La France), Catherine Guillot (orange), 2-in. pots, ready for 3-in., $5.00 per 100.
Albert Knapper, Ambler, Pa.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Roses from 2½-in. pots. 1000 Golden Gate, 1000 Ivory and a few Bride and Maids, $2.25 100; $20.00 1000. Fine stock, guaranteed O. K.
Fostoria Floral Co., Fostoria, O.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Crimson Ramblers, strong, 2-inch, ready to shift, $3.00 100. 50 two-year-old, dormant, canes four to five feet, 20c each. Cash.
Wm. Kier, Pikesville, Md.

Grafted roses, 20,000 Brides and Maids, on imported Manetti stocks and nothing used but healthy, flowering wood, $120.00 1000.
Wm. A. Leonard, Lansdowne, Pa.

Dormant roses, field-grown. H. P.'s and mosses. Manetti stocks. Fine disbudded plants. Prices and samples upon application.
Huntsville Wholesale Nurseries, Huntsville, Ala.

Rooted cuttings, Brides and Bridesmaids, $1.50 per 100, $15.00 per 1000. From carefully selected wood and worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses, 700 American Beauty plants, 2½-in.; good stock. Will sell cheap or trade for young chrysanthemums. Write.
Ben. L. Elliott, Cheswick, Pa.

10,000 Bridesmaid cuttings, strongly rooted, $1.50 100; $12.50 1000. Bride, rooted cuttings, $1.50 100; $15.00 1000.
H. S. Courtney, Sparkill, N. Y.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., 6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

600 grafted Kaiserin roses in 3-in. pots. Extra fine stock. $15.00 100. Cash with order.
J. Henry Bartram, Lansdowne, Pa.

Roses, 2-in., leading sorts, 50c doz., $3.00 100; 4-in., $1.25 doz., $10.00 100.
Good & Reese Co., Springfield, O.

Hardy roses, 2-year-old bushes, all leading var., $11.00 per 100, $100.00 1000.
A. T. Boddington, 35 Warren St., New York.

Roses. Bride and Maid, 2-in., $2.50 per 100. Am. Beauty, 2-in., $4.50 per 100.
Paul O. Tauer, Lebanon, Ind.

Brides, Maids, Ivory, Perle, fine 2½-in. stock, $3.00 100; Beauties, $5.00 100.
J. F. Ammann, Edwardsville, Ill.

150,000 2½-in. roses—Maids, Brides, Gates, Ivory, $4.00 100; $35.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

AMERICAN BEAUTIES, fine stock from 2½-in., $5.00 per 100.
South Park Floral Co., New Castle, Ind.

Roses. Brides and Maids, 2½-in. pots, bushy, $3.00 per 100. J. H. Bornhoeft, Tipton, Ind.

H. P. roses; dormant, 2-year, $1.50 doz., $12.00 100. F. A. Baller, Bloomington, Ill.

BUSINESS BRINGERS—
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ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica. Write me.
L. H. Foster, Dorchester, Mass.

Rubber plants, 10 to 15 in. high, $3.00 doz.
Geo. L. Miller Co., Newark, Ohio.

SALVIAS.

Holt's Mammoth sage, plants out of 2½-in. pots, 60c doz., 25 plants for $1.00 postpaid; by express not prepaid, 100 for $2.75, 500 for $12.00. Cash with order.
Livingston Seed Co., Columbus, O.

Salvias, Bonfire, Silverspot and splendens, 2¼in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Salvias splendens and Bonfire, strong, bushy plants, 3-in., $3.00 per 100, $25.00 per 1000; 2 to 2½-in., $1.75 per 100, $16.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Salvias splendens and Bedman, rooted cuttings, $1.25 100, $10.00 1000. 2½-inch, $2.00 per 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 per 100.
E. B. Randolph, Delavan, Ill.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvia Bonfire, 2-inch, $1.50 100. Cash with order. Wm. Keir, Pikesville, Md.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parail, Summit, N. J.

Salvia splendens, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

SEEDS.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alterofolius, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea ednlis (Guadalupe island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

SURPLUS SEEDS. We have filled our contract orders and now offer the following surplus stocks, crops of 1903: Asparagus—Barr's Mammoth, Palmetto and Conover's Colossal. Cucumber—White Spine and Long Green. Tomato—Paragon, Favorite, Perfection, Ponderosa and Stone. Okra—White Velvet and Dwarf Green. Pepper—Bull Nose and Sweet Mountain. Cabbage—Premium, Flat Dutch and All Season's Watermelon and Cantaloupe. Send for price list.
Wm. R. Bishop, Seedsman, Burlington, N. J.

	100	1000	10000
Asparagus plumosus nanus	$ .65	$5.00	$45.00
Asparagus Sprengeri	.15	1.00	7.50
Asparagus decumbens	.75	6.00	
Musa Ensete, fresh	1.00	8.00	
Areca lutescens	.75	6.00	50.00
Kentia Belm. or Forst	.50	3.00	25.00

H. H. Berger & Co., 47 Barclay St., N. Y.

Asparagus plumosus seed, new crop, greenhouse grown, will germinate nearly 100 per cent, $1.00 100; $7.50 1000. Asparagus Sprengeri seed, new crop, 15c 100; $1.00 1000. Special price on large lots. Send for catalogue.
H. F. Michell Co., 1018 Market St., Phila.

Palm Seeds. New crop Cocos Weddeliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.
C. Host, opp. Greenwood Cemetery, New Orleans, La.

Asparagus seed. A. plumosus nanus, 100 seeds, $1.00; 1000, $7.50; 5000, $35.00. Asparagus Sprengeri, 100 seeds, 40c; 1000, $2.00; 5000, $9.00.
STUMPP & WALTER CO., 50 Barclay St., N. Y.

Asparagus plumosus nanus seed, fresh from the vines, $6.00 per 1000; $50.00 for 10,000. Smilax, new crop, $1.25 per lb. Cash with order. Cottage Nursery, 1421 D St., San Diego, Cal.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 Asparagus plumosus nanus seeds at $5.00 per 1000. Cash with order.
L. Ullrich, Tiffin, Ohio.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $0.50 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SELAGINELLAS

Selaginella Emmeliana, 3-in., $6.00 100.
Batavia Greenhouses, Batavia, Ill.

SMALL FRUIT PLANTS.

The GIGANTIC EVER-BEARING BLACKBERRY bears from 50 to 100 gals. of fruit in one season, from the middle of July until frost sets in; grows 30 to 50 ft. long; can be laid down and covered over in winter. Plants 50c each. Cash with order.
E. Vallet, Box 205, Nauvoo, Ill.

SMILAX.

Smilax plants from flats, 30c per 100, postpaid; 2-in. pot plants, $2.00 per 100.
Wheeler Floral Co., Mason City, Ia.

Smilax, 2½-in., very fine and strong, $2.50 per 100, $20.00 per 1000. Cash.
N. P. Colberg, Morris, Ill.

Smilax seedlings from flats, 20c per 100, $1.50 per 1000; by mail postpaid.
Harvey B. Snow, Camden, New York.

Smilax from flats, 30c per 100 by mail; $2.50 per 1000. Cash with order.
Joseph Wood, Spring Valley, N. Y.

Smilax seedlings, 20c per 100, $1.50 per 1000, or will exchange.
Howard Miles, Parkersville, Chester Co., Pa.

Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningatadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.
TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.
PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.
The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100; $1.25 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Wakefield, Winningstadt, Early York, strong, transplanted, $2.00 per 1000. Cabbage plants out of seed bed, $1.00 1000. Cauliflower Early Paris, transplanted, 50c 100. Tomato Dwarf Champion, New Stone, strong plants out of seed bed, $1.00 1000. Celery plants, $1.00 1000; transplanted, $2.00 1000.
L. W. Franks, Montpelier, Ohio.

Cabbage and cauliflower, transplanted, and all vegetable plants in season. Special price on 25,000 and 100,000 lots; also bedding plants and pansies in season. Price list mailed free from either place. Ludwig Mosbaek, Onarga, Ill., or 8500 Anthony Ave., South Chicago, Ill.

Cabbage—Winningstadt, Succession, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Tomatoes, $1.25 per 1000.
J. H. Bornhoeft, Tiptou, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, J. & S. strain, from seed bed, separate colors or mixed, 35c per 100, $3.00 per 1000, postpaid.
Harvey B. Snow, Camden, New York.

VERBENAS, mammoth, extra bushy, 2½-inch, in bud, $1.75 per 100, $16.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Verbenas, from seed bed; scarlet, blue and mixed, 35c 100, $3.00 1000. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Verbenas, white, pink, scarlet, purple, mixed, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Mammoth verbenas, stocky, 60c 100; $4.50 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Verbenas, named var., 60c 100; $5.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

VIBURNUMS.

Viburnum opulus, 3 to 4 ft., $3.00 per doz., $20.00 per 100.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Viburnum plicatum. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

VINCAS.

Vincas, white and green var., 2-in., $2.00 100; 3-in., $6.00 100; vinca variegated green, 2-in., $2.00 100; 4-in., $6.00 100.
Geo. L. Miller Co., Newark, Ohio.

Vinca Major variegata, 2-in., $2.50 per 100; rooted cuttings, $1.00 per 100, $10.00 per 1000. If by mail add 10c per 100.
L. Mosbaek, 8500 Anthony Ave., So. Chicago.

Vinca variegata, R. C., $1.00 per 100; also 200 very strong from bench, ready for 4 or 5-in., $6.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100. Rooted cuttings, 75c 100, $7.00 1000. Converse Greenhouses, Webster, Mass.

Vinca variegata, out of 4-in., very strong, $7.00 100. Vinca rooted cuttings, 60c 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Vinca var., out of 2-in. pots, $2.00 100, $17.50 1000; 4-in. pots, $6.00 100.
C. M. Ninffer, Springfield, Ohio.

Vinca variegata, 4-in., long vines, $1.00 per doz., $8.00 per 100.
Geo. H. Benedict, Yorkville, N. Y.

Vinca Major var., 2-in., 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Vinca variegata, 2½-inch, $2.00 100, $18.00 1000. J. E. Felthousen, Schenectady, N. Y.

Vinca variegata, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Vinca var. vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

VIOLETS.

Marie Louise violets, fine large clumps with plenty of runners to propagate from; grown very cold. Splendid stock; come and look at them—18 miles from New York City. $5.00 100; $35.00 1000. 10c for sample. All plants shipped, without soil. Cash, please.
Geo. T. Schuneman, Baldwins, L. I., N. Y.

Violets. I make a specialty of violets and if you want good, clean violet stock write for price. I can supply any quantity of rooted cuttings or in 2-inch pots to be delivered any time you want them. Swanley White, Marie Louise and Lady Campbell.
Eli Cross, Grand Rapids, Mich.

Princess of Wales violets are the best violets to grow and I have the best stock in the country. Strong, transplanted stock. May delivery, $2.00 100, $15.00 1000; 500 at 1000 rate.
WM. SIM, Cliftondale, Mass.

Marie Louise, unrooted cuttings from clean, healthy plants, $4.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
A. Relyea & Son, Orchard Pl., Poughkeepsie, N. Y.

Violets, strong and healthy, free from any disease. Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

VIOLETS—Continued.

Strong Marie Louise and Farquhar violet clumps, fine stock. Give quantity wanted and ask for quotations.
The Chatham Floral Co., Chatham, N. Y.

Violets, Princess of Wales, California, Luxonne, Swanley White, Campbell, 2½-in., $2.00 100, $18.00 1000.
Springfield Floral Co., Springfield, O.

Violets, Princess of Wales, field-grown, well-rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash.
Ocean Park Floral Co., Ocean Park, Cal.

Violets R. Heads, P. of Wales, $10.00 1000. Campbell, rooted runners, $6.00 1000.
Converse Greenhouses, Webster, Mass.

Marie Louise violet cuttings, sand rooted, $10.00 1000; unrooted, $8.00 1000.
A. Laub & Son, Hoghsonville, N. Y.

Violets, California, Luxonne and Lady H. Campbell. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Fine stock violets, Princess of Wales, $1.25 100, $10.00 1000.
John Curwen, Glenhead, L. I., N. Y.

Campbell violets, strong rooted divisions, $4.00 per 1000. Cash.
Paul Thomson, West Hartford, Conn.

Campbell violets, 2½-in., $2.00 per 100.
A. B. Campbell, Cochranville, Pa.

MISCELLANEOUS.

Double petunias, vincas, heliotrope, salvias, coleus, chrysanthemum cuttings, etc. Good stock. C. W. Blatchley, Plantaville, Conn.

Cuphea, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

TO EXCHANGE.

To Exchange—Or for sale, 1000 2 to 3-yr.-old Clematis paniculata, all well-established pot-grown plants, $2.00 to $3.00 per 100. Will exchange for good young roses, blooming and Rex begonias. B. Poitevine or S. A. Nutt geraniums; Tuberose, The Pearl or good gladioli, or what have you? C. G. Nanz, Owensboro, Ky.

TO EXCHANGE.
WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

To Exchange—2-in. Bride and Maid roses at $2.50 per 100 and 2-in. Beauties at $4.50 per 100, for bedding plants out of 2-in. pots, petunias, geraniums, etc.
Paul O. Tauer, Lebanon, Ind.

To Exchange—California calla bulbs for ferns, lily of valley or tuberous begonias.
Mrs. A. K. Bennett, Modesto, Cal.

WANTED.

Wanted—Japan lilies of all kinds. State quantity, sizes and price.
James Vick's Sons, Rochester, N. Y.

BASKETS, ETC.

Baskets, Puerto Rico Mats, etc.
Franz Birnstiel, Coburg, Germany.

CUT FLOWER BOXES.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, lanrel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Sheep manure. I have now on hand a large quantity of A1 sheep manure. Send for price list and sample. Best fertilizer for top dressing.
Geo. Rippenger, 207 Academy St., Long Island City, N. Y.

Pure sheep manure, dried, pulverized and unpulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

FLORAL DESIGNS.

Krick's floral letters and designs are superior to any in the market. You should try them.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
G. Stern, 416 West Chicago Ave., Chicago.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GALAX LEAVES, bronze or green.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

BUSINESS BRINGERS—
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GLASS, ETC.

500 boxes 16x24 double thick A glass at $3.50 per box, net cash. F. O. B. Chicago, Cleveland, Milwaukee, Detroit, Indianapolis, St. Louis, or any intermediate point. Other sizes at correspondingly low prices.
J. H. Rice Co., 80 Wabash Ave., Chicago.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of American and imported glass in this country. Glass for greenhouses is our specialty.
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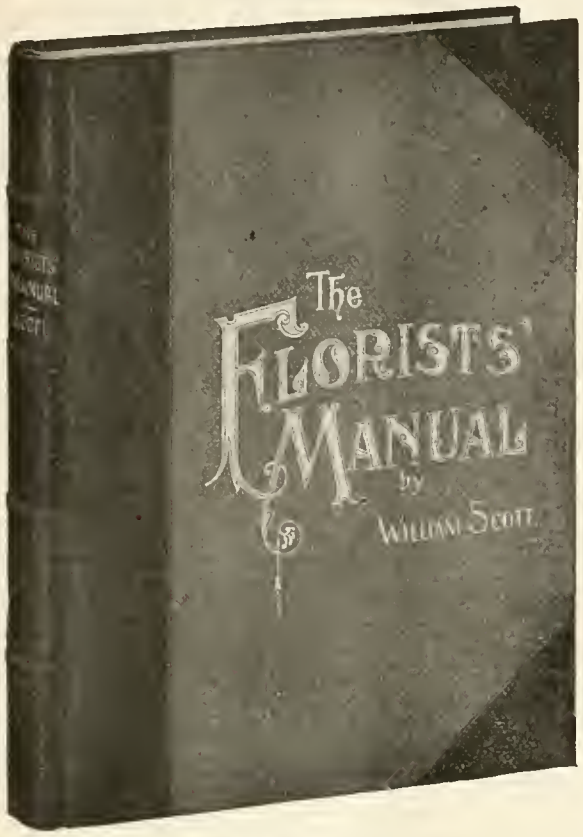

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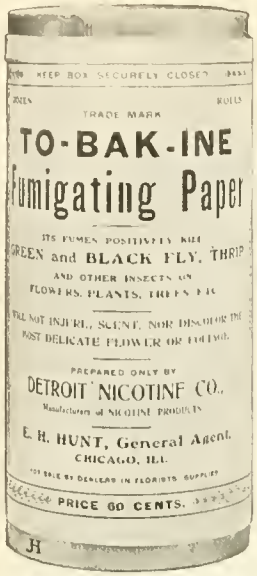

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Scarborough, N. Y., February 3, 1904.

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CLEVELAND.

The Saturday before Easter is always a notable occasion at the Sheriff street market, where some very large displays of stock are made. Each year the management offers three prizes, of $15, $10 and $5, to the florist who makes the best exhibition. This season the first prize was awarded to G. M. Nauman, as it has been every year but one since the practice was inaugurated. The second prize went to S. M. Pentecost and the third to F. C. Burger.

ITEM.

A St. Louis weather prophet by the name of Hicks predicts much hail in April. Those members of the Florists' Hail Association who have not yet paid their fourteenth assessment might find it profitable to heed the warning.

John G. Esler.

Newark, N. J.—David Falconer is making extensive additions to his rose-growing establishment.

Pittsburg, Pa.—A. M. Hutchinson, the florist for the Pennsylvania lines west of Pittsburg, has returned from a tour of inspection over the road preparatory to planting the station grounds.

A fine lot of the following

Rooted Cuttings

Heliotropes, 12 best named vars., $1.00 per 100; $8.00 per 1000.
Ageratum, Stella Gurney, P. Pauline and Lady Isabelle, the great white one, 60c per 100; $5.00 per 1000.
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Chrysanthemums, the best leading varieties, $1.25 per 100; $10.00 per 1000. **We pay the express.**

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Coleus—Verschaffelti, Golden Bedder and Firebrand	.75	"	100
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	9.00	"	1000
Argeratum—Stella Gurney	.60	"	100
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Water, or Parlor Ivy	.60	"	100
Sweet Alyssum—Giant Double	.60	"	100
Marguerites—White and Yellow	$1.00	per	100
Asparagus Sprengeri—4-in. pots, strong	8.00	"	100
Chrysanthemums—Fine, healthy stock; Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Eaton (White), Chadwick, Golden Wedding, Mrs. Murdock	1.50	"	100
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100,000 PANSIES.

Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted, 50c per 100; $4.00 per 1000; 2000 or more, $3.00 per 1000; from cold frame; extra large plants coming in bud, $1.00 per 100. **Mammoth Verbenas,** stocky plants, 60c per 100; $4.50 per 1000. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100, $18 per 1000. **Maidenhair Ferns,** 4-in., $1.25 per doz. **Dracaena Indivisa,** 5-in., $15.00 per 100 **Begonia Rex,** 4-inch, $10.00 per 100.
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Mention The Review when you write.

Double Nasturtium, English Ivy, German Ivy, Lobelia, Ageratum,
Mme. Salleroi, from 2-inch pots, $2.00 per 100.
Fern Polystichum Angulare, from 3-in., 5c each. By express, not prepaid. Rex Begonia, R. C., $1.10; German Ivy, 75c; English Ivy, $1.00 per 100.
Delivered. Cash. **Dann & Son,** **WESTFIELD, N. Y.**
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ROOTED CUTTINGS Verbenas, all choice named varieties, **60c** per 100; **$5.00** per 1000. Petunias, named, all double, **$1.25** per 100; **$10.00** per 1000. Heliotropes, **$1.00** per 100; **$8.00** per 1000. Salvias, **$1.00** per 100; **$8.00** per 1000. Giant Alyssum, **$1.00** per 100. Ageratum, Stella Gurney, **60c** per 100; **$5.00** per 1000. Coleus, **70c** per 100; **$6.00** per 1000. Everything first-class. Express prepaid on all rooted cuttings. Will have other cuttings later. **Cash with order. Write**
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Sand Rooted.....$10 00 per 1000
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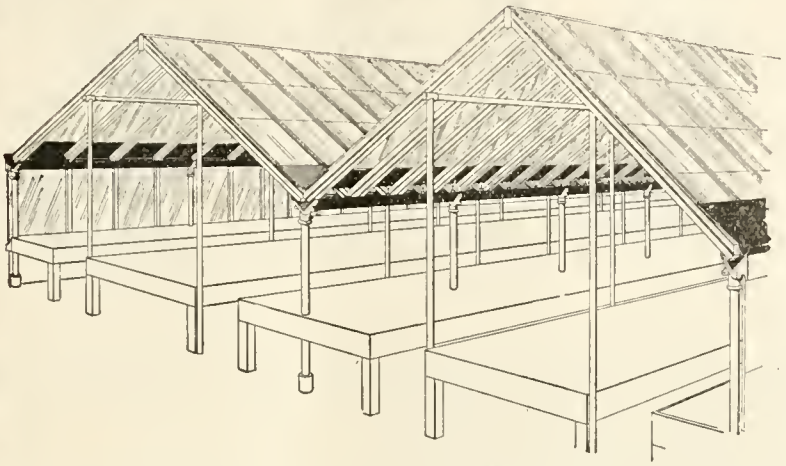
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 943, March 24th issue, for prices.

Now is the time

to investigate matters pertaining to improvements for the coming season. : : : : :



I wish to call your attention to the **New Duplex Iron Gutter,** made of the best and strongest material. Over six miles in use and still an infant, giving the best of results. No ice, snow or drip this severe winter. The only positively drip-proof gutter sold; no drip from the glass or gutter. A boy can erect them; simple and durable; make a shadeless house very strong and neat.

Send for a descriptive catalogue of the **Standard Ventilating Machinery;** over 14 years in use and still the leader in simplicity, durability and ease of operation, with power to sell.

The recently patented **Standard Steam Trap**—This trap has been especially invented for the florists' use—Knowing that a perfect trap, and at all times ready to work, is needed, do not fear to risk your plant to a **Standard Trap,** it beats gravity to a standstill.

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What you need is a reliable shading upon your greenhouse glass, one that will not easily wash off by rains. Upon receipt of $1.00, I will mail to any address printed recipe for same with instructions how to mix. It saves labor and material, because it stays where you put it.

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STOCKS and DIES New Economy, best made, No. 1. Threads, 1½-in., ¾-in. 1-in. pipe, $3.00. No. 2 Threads, 1¼-in., 1½-in., 2-in. pipe, $4 00.

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STILLSON WRENCHES New, 18-in., grips ¼-in.-2-in. pipe, $1 65; 24-in., grips 1¼-in.-2½-in. pipe, $2 40; 36-in., grips ½-in.-3½-in. pipe, $4.75.

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GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7½ cts. per ft.; ¾-in., not guaranteed, 4¾ cts. per ft.

GLASS New. Natural gas made, 50-ft. boxes, 16x24, double, $3.40 per box; 14x20 double, $3.20 per box; 12x16 single, $2 35 per box; 10x12 and 8x10, single, $2 25 per box.

HOTBED SASH New. Cypress. 3-ft x6ft., from 70 cts. up; glazed, complete, from $1 60 up.

TREE GUARDS 5'00. 5 ft. 6 in. high, 10 in. diam., $1 50 each. Good as new.

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"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.

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HEATING.

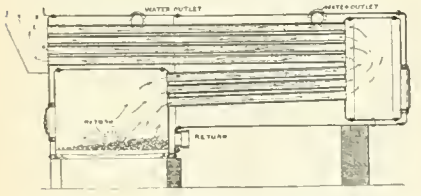
In piping a greenhouse for heating with water it is generally recommended to carry a large flow pipe to the extreme end of the house and there enter the coil of smaller pipes forming the return. I have used this system of arranging pipes but have always found the extreme end of the house much warmer than the end near the boiler. As a remedy I have thought it might be best to reverse matters, letting the small pipes carry the flow in a downward course to the farthest end and collect and return through the large pipe, placing it below the coil instead of above. This would divide the water and cause a more rapid radiation at the beginning of the flow. Will you kindly advise me in this matter and give the results of actual tests if any have been made. F. A. H.

I know of no experiment in which the heating pipes have been arranged in the manner described. I am skeptical regarding the outcome of the modification suggested, for if with the present arrangement the end nearest the boiler is too cool it is evident the radiating coils are too long for the rate of flow. If the system were to be reversed and the flow reduced by the friction through the small pipes to the far end of the house I fear the result would be that the far end of the house would be even colder than the end near the boiler is now. It would be safer to place a short relay coil in the end of the house near the boiler if too cool, rather than to attempt to equalize the temperature by reversing the system. L. C. C.

Avon, N. Y.—The Erie railroad has decided to go out of the gardening business and will not plant its station grounds in the future. The greenhouses here were established twenty years ago in charge of James Sutcliffe, who has managed the works ever since. He has purchased the stock now in the greenhouses and as soon as he has sold it out they will be torn down.

Superior Boilers Are Good Boilers.

Read what our customers say about them:



South Bend, Ind., April 4, 1904.

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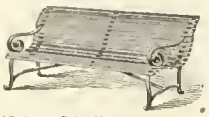

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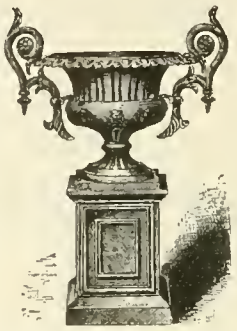

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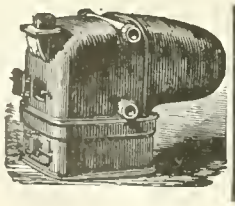

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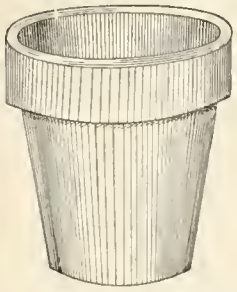

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520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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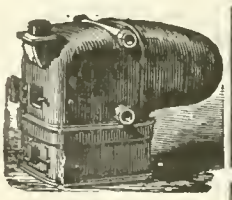

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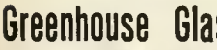

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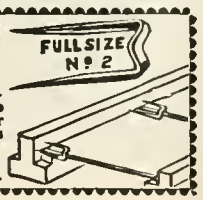

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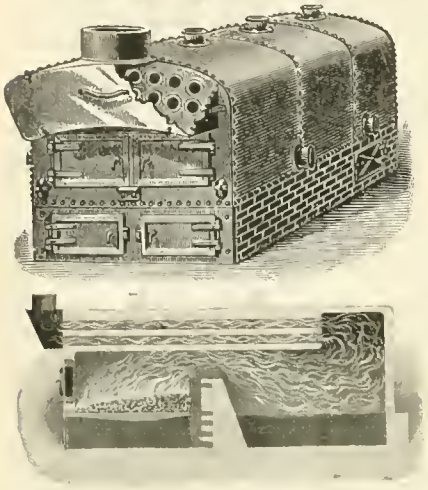

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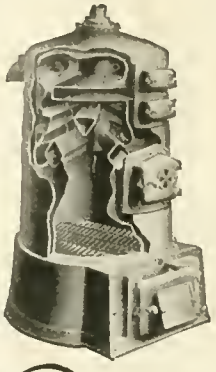

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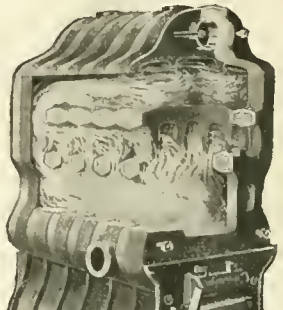

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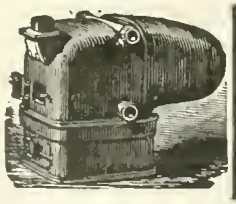

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" Marginata, $20.00 per 1000	2-in.	.40	2.50
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Gloxinias, white, blue, violet, red, separate	.40	3.00	25.00
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Tuberose Excelsior Pearl, 4x6-inch, superb quality	.10	.75	6.00
3x4-inch, " "	"	.40	3.00
Iris Kaempferi, 50 sorts mixed, to clear out	.75	5.00	....
Madeira Vines, strong roots,	.25	1.50	10.00
Fancy-Leaved Caladiums, due from Brazil end of month,	3.00	20.00	....

Cycas Revoluta, Long Leaved; same stock we have imported since 1880. 10 lbs., $1.00; 100 lbs., $8.00; 1000 lbs., $60.00.
Asparagus Plumosus Nanus Seed—To dispose of an unexpectedly large crop, we offer, as long as stock lasts, 100 seeds, 65c; 1000 seeds, $5.00; 10,000 seeds, $45.00.
Asparagus Sprengeri, 100 seeds, 15c; 1000 seeds, $1.00; 10,000 seeds, $7.50.
Asparagus Decumbens, beautiful bluish green, splendid grower, 100 seeds, 75c; 1000 seeds, $6.00.
Areca Lutescens, due in May: 100 seeds, 75c; 1000 seeds, $6.00; 10,000 seeds, $50.00.
Kentia Belmoreana or Forsteriana, 100 seeds, 50c; 1000 seeds, $3.00; 10,000 seeds, $25.00.
FROM COLD STORAGE.
Empress Lily of the Valley, 1000, $12.00; case of 2,500, $25.00.
Lilium Harrisii (Bermuda), 5x7-inch, case of 400, $7.00; 2 cases, $12.00; 6x7-inch, case of 300, $7.00; 2 cases, $12.00.

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MISCELLANEOUS SEASONABLE HINTS.

The Use of Cold Frames and Hotbeds.

From now till the end of May all our firms that deal in bedding plants will be gradually growing more congested and every week will see them seeking more space for the rapid growth of the soft-wooded plants at this time of year. In the torpid and hibernating wintertime all nature takes a rest and when the melting snows are welcomed by mother earth and the blue bird and robin tell us with melody that spring is with us again, then also takes place a most marvelous division and subdivision of the protoplasm and then, again, the poet sings:

A young man's fancy lightly turns
To thoughts of—soft boiled eggs.

Some ancient scribe said that in the springtime the young man's fancy turned to love. He was partly wrong. The young man, and the old man ditto, is, and always will be, susceptible of love at any time of year, and the writer has experienced that the lower the quicksilver in the thermometer the higher was the warmth of his whole being and his ardent wish to do a fellow being a good turn.

This is, however, not what I was intending to say, except that when spring comes there is a marvelous awakening of all nature. But it is not marvelous simply because it is nature. If the awakening began in the fall it would be marvelous, but we intelligent beings have sufficient appreciation that it is good and blessed. If we were born to exist in steam heat we should think that was blessed. The Eskimo thinks there is no climate like the frigid north. The European born in Calcutta or Ceylon, when on a visit to temperate Europe, pines to return to his or her native torrid zone, and so you have the whole world satisfied.

And Now to Business.

I don't relish descending from philosophy to cultural notes of our common plants, but I must. You can help your crowded houses very much by the judicious use of cold frames and, better still, by hotbeds. Before the widespread use of hot water or steam-heated houses for the forcing of early vegetables, the hotbeds were made great use of and were a most important aid in that branch of gardening. I do not advocate any such laborious arrangements as those that a vegetable grower of thirty years ago used to practice, when he began to collect his material in February and early in March started his lettuce or cucumbers and for many succeeding weeks had to keep a most vigilent care of them.

But I do believe in a foot or eighteen inches of well trodden down stable manure, with five or six inches of loam over it, as a grand place for several of our important bedding plants for the month of May. Stable manure is as good as anything. If leaves of the last fall are mixed with it, well and good, and, if your neighbors don't object, there is no fermenting material better than refuse hops from a brewery.

What to Put in Hotbeds.

We seldom make use of these hotbeds before May 1, about the time we feel the greatest need of more bench room. There is something about the condition of a mild hotbed that makes many plants actually jump, but not all plants need that stimulant. What to put there and what to keep in the houses is the question. Broadly speaking, plants that want a high temperature and which are slow to grow without it are those that should go into the hotbed. I know of no soft-wooded plants that would not be greatly accelerated in their growth by being plunged in the warm material of a hotbed, but with many it may force a growth that would unfit them for future use. I have in mind several plants that are by no means tropical and yet when the fires are let out in May and perhaps the glass made opaque with whitewash, just linger and stunt.

In the month of May I would put into these hotbeds, alternantheras, acalyphas, coleus, tuberous-rooted begonias, iresine and, among the colder-blooded plants, the variegated geraniums, verbenas, lemon verbena, mignonette, heliotrope and others will occur to you. Plants of a strong, succulent nature, like the zonale geranium, should not go into a hotbed, for it would make their growth so rank that they would be very unfit plants for any flower gardening purpose.

There is not only a blessing in relieving your crowded benches in the use of these primitive greenhouses, but you have the great advantage of removing the sash entirely on warm days, so that the plants become inured to the freer air and sun, which they will have to endure in a few weeks.

The Cold Frame.

The cold frame is also a most valuable help at this time of year, and not half as much made use of as it might be. Any plant that will grow and thrive in a night temperature of 50 degrees will do very well in a cold frame after May 1. Where is there a better place for tea or hybrid tea roses that have been dormant or nearly so all winter? Now you want to grow them along slowly before planting out.

I don't think I am intruding on either east or west carnationists, all glory to them, when I say that there will be more houses of carnations planted this year with plants that never saw the field than ever before. It is coming, and many leading growers will not put a plant in the field. They will keep them in 3 or 4-inch pots till the end of May or June and then plant them on the bench, or, better still, beds, and now is not the cold frame a great essential in this case? It is the only place for them.

William Scott.

Snapdragons on Four-foot Stems, Grown by John Breitmeyer's Sons, Mt. Clemens, Mich.

GIANT ANTIRRHINUM.

The accompanying illustration is from a photograph of some remarkable snapdragons grown by John Breitmeyer's Sons at Mt. Clemens, Mich., and cut April 14. They have them in three colors, white, yellow and pink, the latter

being rather the best all around. They are cutting about 150 a day, some of them four feet long with the flowers proportionately large and covering fully a foot of the stem. Philip Breitmeyer says that at retail they readily bring $3 to $4 a dozen.

ROSES.

Seasonable Reminders.

With warm weather and increased intensity of sunshine, young stock will require more attention and care. They should be carefully guarded against any approach to becoming pot bound and, as planting time is also approaching, due calculation should be made to do the potting so that the roots will be at the right stage at benching time. Plants to be in proper planting condition should be at least three weeks in the last shift. This prevents the disastrous effects of having the balls go to pieces during the planting process.

Watering and syringing must be strictly and frequently attended to, so as to prevent the tender roots from being injured by the strong sunshine.

It is rare to find a house in which there are no defects in the glass, and these are certain to cause blistering of the tender leaves if not attended to. These defects should be located as early in the season as possible, as burns caused by them have a very debilitating effect. Select a bright day when the burning spots can be most easily detected, and touch them with either a solution of alum or very thin white lead and oil. It does not require a big splotch of paint, which is very unsightly, to remedy these defects.

Beauty foliage, even on the old plants is very liable to become blotched and as the most valuable leaves are above the line of sight, much damage may be done before it is noticed if a careful inspection is not practiced.

Preparations for planting should now be made by getting the soil into the proper condition and having all tools, etc., in good order. The work of that busy season will be greatly expedited by having all supplies, such as lumber, nails and all other necessaries, in stock and in their proper place, so that no time may be wasted in getting the benches repaired, filled and planted. Ribes.

WALSH'S ROSES.

One of the accompanying reproductions from photographs shows a portion of the magnificent group of Rambler roses staged at the recent spring exhibition of the Massachusetts Horticultural Society in Boston by M. H. Walsh, Woods Hole, Mass., the other a well bloomed plant of the variety Lady Gay. The latter is a seedling from Crimson Rambler and is of a delicate cherry pink color, foliage glossy and deep green. All the varieties shown in this remarkable group were of Mr. Walsh's own raising and attest his wonderful kill as a rose hybridizer. We hope Mr. Walsh may be able to put up a similar group in 1905, when the American Rose Society comes to Boston. Some of the varieties shown will be very popular as Easter plants when better known. In the way of foliage they are mostly superior to Crimson Rambler. W. N. Craig.

Seedling Rambler Rose Lady Gay, Raised by M. H. Walsh, Woods Hole, Mass.

POT GROWN CHRYSANTHEMUMS.

[An essay by George B. Windler, read before the St. Louis Florists' Club, April 14, 1904.]

When I took upon myself the task of writing an essay on pot grown chrysanthemums I knew that there are men in our club who are more able to do so than I am. I also knew that some will think my effort is of little value; nevertheless I felt at that time, and I feel that way now, that every member of an organization or club like ours should endeavor to do something along these lines to bring on discussion and in that way exchange ideas. That, in my opinion, is what we are organized for. If the ideas of an essayist are faulty or not practical, then the members, who, by experience or some other channel, know better, should criticise and criticise freely. That is what brings life into our meetings.

As we grow chrysanthemums in pots, naturally we have no bench plants to take cuttings from. We keep a few pot plants, as many as we need, of each variety for stock. These are cut down to the ground and the young sprouts that appear by this time are cleaned off, that is, all bad leaves are removed. Then they are put into a house with a temperature of about 50 degrees Fahrenheit. By January we have a crop of cuttings to take off, which we usually dip into tobacco water to kill those little black bugs which every chrysanthemum grower knows.

Root them in clean sand with a temperature of about 60 degrees. This first batch of cuttings is the best one to grow in pots all summer, if you grow them that way. When rooted start them in 2-inch pots in about the same temperature. When they are well established you can place them in a cold frame. From then on, shift and pinch out as they need it. As soon as all danger of frost is past, plunge them out into the open ground. Have them in their flowering pots by the first of August. On about this date they should also be pinched the last time.

Keep them growing there until the buds show, then remove them to the greenhouse. Plants grown in this way are handled much easier, as far as supports are concerned, than those grown in the field. A plant in a 6-inch pot grown this way can be supported with four canes (bamboo canes we use) encircled with silkaline very nicely; whereas with field grown plants you will need a cane for nearly every flower stem to get the plant into a symmetrical shape. Disbud as soon as you can handle the buds. Plenty of water, good ventilation and a light house are essential to the growing of good pot plant chrysanthemums. After their buds show, liquid feeding about every ten days is beneficial. On most varieties you must discontinue feeding when they show color.

For chrysanthemums grown in the field for pot plants the young stock is handled practically the same way as those grown in pots all summer; the one difference is that you can take a very young or small plant at planting-out time, so long as it is healthy, and still get quite a large plant by the time you want to lift them, which should be done no later than September 1.

Keep the soil in the field well pulverized by cultivating frequently and pinch back as they need it until the beginning of August. When lifted they should be shaded until root action be-

Wonderful Group of Rambler Roses Exhibited by M. H. Walsh, Woods Hole, Mass., at the Boston Spring Show.

gins anew. And this is the time when they trouble one most; if you don't water enough they will wilt; if you water them too much they will get sick roots, and in either case they will lose their lower leaves. Keep a close watch on them when they undergo the change from field to pot.

CARNATION NOTES. WEST.

We have been ready to begin planting in the field for a couple of weeks already, but it seems to be very slow in warming up. During the past week we have had as much as ten degrees of frost and very few nights without some frost. While these conditions prevail there is no need of beginning to plant out unless your stock has been hardened off extra well, which in most instances, we do not find to be the case. Most growers grow their young stock in the same houses with the blooming plants, and the young plants are at this time in a good growing condition and hardly in shape to stand six or eight degrees of frost. I would rather wait a week longer and not have my plants exposed to any such dangers. If you are afraid that you will be late in finishing, you can very easily put a few extra hands to help on the job when you do begin. It is a job that should be done as quickly as possible anyway, so use every available man.

A little system will help to facilitate matters, if you have several men and boys helping on the job. For instance, detail a man and one or more boys to dump the young plants out of the pots as fast as they are needed. The man should be thoroughly familiar with your stock, as you may have two or three batches of one variety, and, of course, you want to plant all of a kind together as far as possible. This man will know that if a batch is a little dry they should have a good watering, so they will not only come out of the pots easier, but they will not dry out so quickly while being planted. Don't have them standing out in the sun too long before planting, but rather keep them in the shed after knocking them out of the pots and take them out as they are needed.

Have a boy to each planter to drop the plants for him, and see that he does not get too far ahead of him. He can stay just far enough ahead of the planter so that the planter will not have to wait for him while he changes his empty box for a full one, brought to him by another boy who wheels them out as they are needed.

We use a line to plant by and use a trowel in planting. There are many advantages in using a trowel, and, in fact, we think it is almost impossible to do good planting without a trowel. If your soil is extra well pulverized and quite mellow you can perhaps dispense with it, but we find that while in some spots the soil will be fine and mellow, in other spots it will be lumpy or perhaps the horse trod just where the plant should be set. Then again, if the day is warm and the plowing was done a few days previous, the soil at the surface will be quite dry and with a trowel with a few jerks you can bring enough nice, moist soil to the surface to set the plant in. After setting the plant in and pressing the soil around it, be sure and cover the firmed soil with a half-inch of fine, loose soil. This will prevent evaporation and baking of the soil. For the same reason each evening you should go over what was planted that day with the cultivator between the rows.

These hints apply equally well whether you plant in beds or just in rows across the field. We plant in rows one after another until we reach the other side of the lot. The plants are set about eight to ten inches apart in the row and the rows are set from fifteen to eighteen inches apart. We like this way for many reasons, too numerous to mention, but under certain conditions the bed method may have some advantages; particularly in a wet season and on clayey soil where the water does not soak away readily.

Be sure you use good sized labels to mark the varieties. The loss of a label may mean a big loss to you sometimes, especially if you are not a carnation expert and able to tell at a glance what a variety is without looking at the label. Some men have this faculty developed to a wonderful degree, while others are good growers but unable to see the distinguishing marks of the different varieties unless they see a bloom. The seedling raiser knows how to appreciate this advice.

Don't plant out any plants that are not in good condition, especially of the standard varieties. A poor, diseased plant will stand a poor show of making a first-class plant that will produce prize-winning blooms. One may be excused if he has some plants of a novelty that are not strictly first-class. Most of the novelties have behaved well so far, but one variety is so covered with rust that it will be a wonder if they make good plants by August. One other has shown a tendency toward stem-rotting, but we hope to lose no more, now that we know it must be guarded against.

If you have some in the sand yet, don't plant them from the sand to the field, but pot them into small pots and leave them to be planted last. Two or three weeks in pots will do them lots of good and they will suffer less when planted out. Of course, your main stock is well established in pots by this time, but you may have a few late cuttings of a seedling or a variety you bought last year, of which you want all you can get.

A. F. J. Baur.

ANTS ON CARNATIONS.

Can you tell me of something that will destroy ants? We are having trouble with them in our greenhouses, especially on carnations. J. A. F.

I think you can destroy the ants in the same manner that you destroy sow bugs. They like sugar and if you add some kind of poison like Paris green to the sugar and lay it around where they travel they will get some of it. I know of no other method, although there may be one better than the above.

A. F. J. Baur.

A DENVER DISPLAY.

The accompanying illustrations are reproductions from photographs taken in the store of the Scott Floral Co., at Denver, just before Easter. This is a young firm, but they have done a most flourishing business from the start. They handled an immense stock at Easter and cleaned out better than even their own sanguine expectations. One of the pictures shows the interior of the store and the working force, the other shows the window as it appeared from inside the store. The window displays were changed daily during the week and were a great advertisement, attracting much attention from the passers-by. One of their best windows was composed entirely of azaleas, two of the specimens being probably the largest ever shown in Denver. A. E. M.

EASTER IN NEW YORK.

[The following is an essay by J. Austin Shaw, read before the New York Florists' Club, April 11.]

The honor of reading a paper on any subject before the New York Florists' Club is one that cannot fail to win the appreciation of the fortunate member selected. The unhappy possibility of inability to write a paper that will keep the members awake or hold them in their seats is, however, a serious consideration. If you add to this the fact that one's subject is selected for him, and his time is limited, and he writes under the watchful dictatorship of your honorable committee, you will realize how I approach the responsibility with fear and trembling. If I had been permitted to choose my own text I think I could have given you a more interesting discourse on, say, "The experiences of a horticultural drummer within and beyond the Rocky Mountains," or "The retail nursery business and the modern method of selling through agents, that in the last thirty years has made this country bud and blossom as the rose," or, more interesting still, "How a florist secured perfect health and a renewal of his youth by fasting and made doctors and sickness unnecessary evils."

On these and a few other themes I could have given you the results of personal experiences that would have provided food for afterthought, but the president and his lieutenants were unapproachable; they would not even allow me to read from my book of unpublished and unpublishable poems. And so I accepted the inevitable and you will have to make the best of what I have learned, and experienced, and think of "Easter Business in New York." You will observe I am not handicapped by the mention of any year, though I imagine your committee intended to confine me to 1904. Fortunately for me this omission widened my legitimate scope and gave me a field thirty or forty years wide in which to roam.

A word or two concerning Easter itself may not prove uninteresting here. As you all remember, the controversy as to the proper time to celebrate the festival began some 1,700 years ago. The eastern and western churches disagreed. It took centuries to settle the matter. If the New York Club had been umpire we would have had it every Sunday for about nine months and rested the other three, or else have cut it out altogether. However, it's too late to butt in now. The eastern Christians celebrated on the fourteenth day of the first Jewish month and the western churches on the Sunday after the fourteenth day. Religious controversy was just as lively in those days as now, though on a smaller scale. It was just 322 years ago that a definite conclusion was arrived at, a moveable Easter decided upon, and always a Sunday after March 21. Never can it arrive after April 25, but it will be celebrated at that late date in 1943 and there is no good reason why some of us here should not live to participate in its wonderful development. If time permitted I would love to tell you of Easter, 1943. Perhaps the club may request me to read a paper on that occasion. Who can tell? Some of us will be here and all of us will be somewhere.

It is not the astronomical moon, but an imaginary one that regulates the time of Easter's advent. The calendar new moon follows the real one sometimes two or three days. Easter is always the first Sunday after the paschal full moon which happens on or next after March 21. If the full moon happens on a Sunday, then Easter is the Sunday after. If these data overwhelm you, the commissary department will gladly see that you are in the same condition as the moon. The arrangement as to the calendar moon was made so that the Jewish Passover and Easter might fall on different days. Occasionally they of necessity get together. This was the case in 1903 and will again be in 1923. But that needn't worry us. What interests you is to know that Easter will never be as early as March 22 in this century and that next year it arrives on a very late train, April 23.

Easter is, after all, the celebration of the reawakening of nature, the season of the world's rejoicing. Long before the Christian era the old world had set aside a day to celebrate the beginning of the year's productiveness. Easter is the original name, a name given in honor of the pagan goddess, called by the Teutons Ostara and by the Anglo Saxons Eastre, a personification of returning life and light. The adoption of the egg, the symbol of new life, also antedates the Christian era. So through all the ages Easter has marked the annual resurrection of nature. To those of the Christian faith it is especially significant. To all of us this year it has been particularly welcome. From our standpoint, long may it continue a great church festival, enhanced in its celebration and its beauty more and more by the products of our profession.

Some of you remember Easter in New York nearly forty years ago. Then Wednesday was the all-important day of the week in preparation for Holy Thursday, the great day of the Catholic church, which at that time was the principal if not the only celebrant, especially in the use of plants, the Episcopal church using none and no floral celebration of any kind being used by any of the other religious denominations.

The plants in those days were stock gillys, Deutzia gracilis, Spiraea japonica, pyrethrum (white feather), the hardy Azalea Fielder's White, Azalea alba and Narcissiflora, the latter still occasionally seen. Those were the days when the calla lily reigned supreme, their value 30 cents to 40 cents a flower, and $1 to $3 a plant. For Easter Sunday the flat bouquets were made on frames in the old style, as some of you can recall, and with these the altars were decorated. There were few roses in those days. The only large flower was the camellia. Lycopodium was the background for the bouquets. There were few palms, Caryota urens, the fishtail; the chamaerops and a few latanias. Large crosses, anchors, harps and similar designs aided in the church decorations. In those days Henry Siebrecht began his Easter experiences in New York and Alex McConnell grew Neapolitan violets, double pink camellias, Safrano and Isabella Sprunt roses. To these gentlemen I am indebted for many reliable reminiscences of the long ago. Leach, of Astoria, was the king grower of that time, his list including smilax, stock gillys, callas, deutzias and sweet alyssum.

It was not until the early '80s that the long-stemmed flowers arrived; then appeared Lilium Harrisii. Imported azaleas were next in evidence, followed by rhododendrons, metrosideros etc. Cut flowers became a factor about 1870, the red carnation, La Purite; the white, Degraw; the variegated, Astoria, and the large white, Louise Zeller. Then came violets, Wiegand Bros., of West Hoboken, and Leuly, being the first growers of the popular flower. In 1875 the man whose Easter business amounted to $1,000 was the talk of the town. Only during the last fifteen years has the plant trade been an important part of the Easter business. The increase has been gradual, each year being better than the last, until now it is high tide, a condition which abundant space and perfect system will perpetuate. As one prominent retailer expresses it: "There are endless possibilities for those who are alert, energetic and enterprising."

The wholesale Easter business in cut flowers began in 1872. John J. Perkins was one of the pioneers and not until 1885, he tells me, did Easter amount to much in this now important department of the floricultural business. Away back twenty-two years ago, in 1882, Bon Silene brought 20 cents at wholesale and Catherine Mermet 65 cents. New Year's then was the "great day of the feast." Lamarque and Jacq. were worth a dollar each and Cornelia Cook the same. Callas were sometimes pickled sixty days to meet the demand and were then "the only pebble on the

Azalea Window of Scott Floral Co., Denver, Colo., at Easter.

Store of The Scott Floral Company, Denver, Colo., at Easter.

beach." After all perhaps we have said too harsh things of the picklers of 1903 and '04. Fortunately for the business, however, the preserving process is now out of date and the fact of its almost complete cessation this year attests its unpopularity. The goose that laid the golden eggs has come to life again. May she never die!

And now what can I say of this Easter in New York which you do not already know? Compared with the past it is a giant hardly recognizable. Steadily it has grown through all the years until now it encircles and dominates the whole wide earth. And it will grow and will always be the great floral festival of the world. You are young? Prepare for its growth and grow with it. Plan alertly and carefully so that the consummation may be so much of a success the rest of the year may be "velvet" for every one of you—grower, wholesaler and retailer. It is your right.

I know something of what Easter means to every branch of our profession. To the grower the long days and nights of toil and anxiety; of exposure to the elements; of uncertainty as to the perfect development of plant and flower in due season; the calculating to a day almost the completion of the work that must meet the inevitable demand; the uncertainty of the fickle weather god; the possibilities of coal strikes, floods, hail storms, cyclones and fires; of neglectful and inefficient helpers; of the work of a year being swept away almost in the twinking of an eye. Surely you, the foundation of all that follows, deserve all that a benign providence and the great middle agency through whom your success has largely developed can honestly return you as your fair and legitimate share; and I believe you get it. May your prosperity increase. You are everywhere now, but the world is growing. But the field can never be so large that you can fully cover it. Our own New York has nearly touched the four-million mark; it will soon be the largest city in the world, but you will never grow more than it will need. Its artistic taste is spreading with its growth. The love for the beautiful is in every soul. Not a heart in all its vast expanse but responds to the perfume and loveliness of a flower. It is not for me to advise you what to grow to meet the ever increasing demand; your own experience and intelligence are your best teachers and they have already told you that nothing can be done too well to practically appeal to the appreciation of Easter in New York.

And you wholesale florists, what has Easter in New York been to you through all these more than thirty years? You who have demonstrated your necessity and by your tact and energy have added a thousand-fold to the prosperity of the grower, and covered the wide land with glass thereby until every hamlet has its greenhouse and the reflection from the sea of crystal can be seen from every hilltop! Your path has not been and is not all roses. You have established centers of distribution through which the retail business of this city has been developed to its present wonderful proportions and by your system only could such results have been accomplished. I know much of your faithfulness to duty, your watchful devotion to your growers' interests, your promptness, your generosity, your frequent sacrifice of self that those who entrust their welfare to your care may be content. And I believe you are appreciated more and more as your value and necessity are realized. Time seems to be with you an after consideration. I never hear you complain of long hours and I have seen you hustling often through the livelong night. Where would the retail florist business be without you? A pigmy gasping for existence! In such a city as ours your value, your power, your necessity as dovetailed into the growing and retailing departments of the trade so thoroughly, so harmoniously that you are a fixture as long as plants grow and flowers bloom. And you deserve to be; we cannot do without you.

And you retailers. What does Easter in New York mean to you, for you have my especial sympathy more than any other branch of floriculture. I know of your early rising, your lack of rest and sleep, your twenty-four-hour experiences, your conflict with the fickle public, the risks you have to run in purchasing and trusting, the lack of facilities for extraordinary occasions, and the danger of catastrophe when, after placing your entire possessions on the turn of the climatic wheel, one little vagary of the skies may sweep them and yourselves into oblivion. You deserve, as President Traendly would express it, "all that's coming to you," and this year you got it. After all you are the balance wheel of the whole combination. Where would the wholesaler and the grower be without you? Your beautiful stores are the pride of the city and the finest in the world. You display the wares of the growers and the distributions of the wholesalers so artistically that you are irresistible. Yours are the real risks and outlays in rentals and decorations that commend your enterprise and bravery and faith to all. You have created and made enduringly possible an Easter in New York. Yours has been the skill that has developed decorative art, in ribbon, and basket, and hamper, in harmony of color, in quality of design and perfect blending of variety, until now the whole country looks to New York for new conceptions in ornamentation and novelties in plant and flower arrangement. And so Easter of 1904 is deservedly your banner Easter and none congratulate you more heartily than the wholesalers and the growers who made

your prosperity possible. May the trinity of interests grow more and more into helpful fellowship.

To enumerate the varieties of plants and flowers used in New York this Easter or to tell you of the values realized would hardly interest you after the full and generous criticisms and particulars so thoroughly covered by the trade papers and to which I respectfully refer you. What concerns us most are the lessons taught us all by the Easter in New York in 1904. These are far reaching in their value. It is the Easter of 1905, the late Easter, that must be planned for now. To the cut flower growers no advice is necessary. You know especially it will be late for violets; otherwise yours is the beaten track, with the consciousness that the public is a lover of meritorious novelties, and remember that several new roses and carnations are knocking at your doors, and many of them with no uncertain sound.

The plantsmen have perhaps gathered some useful hints, though where everything goes it is hard to be too practical. However, they have learned that the largest azaleas are not as salable as formerly; that the medium sizes and the brightest colors are wanted and the beautiful little Holland and Japanese varieties were in extraordinary demand. They realize, too, that the Easter lily's popularity is eternal and that in pot, and basket, and tub, well-grown, there can never be an oversupply. They have found a splendid novelty in Hydrangea hortensis rosea and in the new rose, Madame Norbert Levavasseur, which they have judiciously christened the dwarf Crimson Rambler. We find, too, that the azalea pyramidally grown finds favor, and that our old friend, the camellia, is demonstrating the faith in reincarnation or resurrection which some of us have not abandoned.

The wholesaler had not much to learn; simply that his protests against pickled goods had borne fruit and that his admonitions as to the wisdom of expecting fair and not abnormal prices at Easter had opened the eyes of the growers to the fact that the age of unreasonableness and the patience of the great public, without whose patronage this whole building would dissolve "like the baseless fabric of a vision," have reached their limit and that never again will exorbitant values prevail.

The retailer has gathered wisdom, too, from the phenomenal Easter, as well as an abundance of the one thing needful, and after such a winter none of us can fail to extend honest congratulation. He has learned the value of originality in window decoration, the danger of neglect or lack of artistic effort, the reward of abundant service and perfect system and, above all else, the benefit of reasonable prices and fair profits. He has realized as never before his interests are interwoven with those of the wholesaler and grower, how dependent he is upon both for the supplies that make possible his own success and how advantageous it is to maintain with both a reputation for prompt and full settlement of honest obligations.

Time forbids, though other interests deserve consideration in this glance at Easter in New York. The supply men are no unimportant part of it; the green goods section spreads its influence in every mart. The novelties and necessities handled by these great lieutenants of prosperity would fill a volume. Let us hope this is the beginning of the golden age for all of us that makes harmony universal and brotherly confidence and hand grasp inspirational and ever green and sweet the memory of this Easter in New York!

A TREE PLANTERS' MANUAL.

There are in all sections of the country hundreds of thriving towns where the florists are doing a prosperous business in bedding stock, but in which the people are dependent on the tree peddler and their own ability as planters for their shade trees, shrubs, fruit trees, etc. And even in the places where there are large and well stocked nurseries it is quite the usual thing to consult the florist who plants the geraniums and cannas on the lawn, about the shrubs to go in the border by the fence, the vines to screen the barn or the trees to plant around the church that's building on the corner. Thus it has come about that an increasing number of florists are each year doing something with nursery stock and finding that it can be made a highly profitable department of the business.

William A. Peterson.

One advantage of the nursery department is that the planting can be done early in the spring, before it is safe to plant out tender stock and when there is no pressure of other work. And again in the fall there is a period during which nearly all of the most salable things in the line of trees and shrubs may be planted, as well as many herbaceous plants, notably peonies. In fact, the fall season is often the best of the two for the florist who does this class of work, for he can book his orders during spring, summer and early autumn, while the specimens on his own grounds and about town are at their best; then in the fall he gets his order filled by some reliable nurseryman and, on its arrival, heels the stock in for the few days which may elapse before it is convenient to plant. If the careful planter buys his stock from some reliable nursery, where it has been regularly transplanted, so as to become furnished with good balls of fibrous roots, all but a few unusually difficult things may be guaranteed to live, particularly if the seller is so located that he can keep a watchful eye open to see that the stock gets proper care as to watering, etc. Guaranteeing the stock to live inspires confidence, leads to better prices and makes it easy to get orders.

There are a great many nursery catalogues that will be of assistance to the florist who deals in trees and shrubs, but there are few which he can use to better advantage than the Manual of Beautiful Grounds just issued by the Peterson Nursery, 170 La Salle street, Chicago. This book, while designed for free distribution and to bring business to the nursery, contains no prices, these being printed in a separate pamphlet, so that the Manual can be shown to a florist's customers without divulging the cost of the specimen at the nursery, which naturally is a good deal less than one is justified in charging for it planted and guaranteed to live for a year.

The Manual of Beautiful Grounds is commendable as a piece of beautiful printing, beautifully bound. It was obviously prepared for distribution among a class of discriminating buyers. It is as little like an advertisement as any catalogue can be. As a matter of fact the name of Peterson appears on only three or four of its eighty pages. The concern does not cater to the mailing trade; as is stated in the Manual, they do not deal in "microscopic specimens;" their specialty is stock in extra heavy sizes, which can be moved without any material setback, and give immediate effect.

The first few pages of the Manual are given over to general information, cultural suggestions and suggestions on landscape work and tree planting drawn from Wm. A. Peterson's own extensive experience. The balance of the work is a descriptive list of recommended varieties, including trees, shrubs, vines, hardy herbaceous stock, etc., illustrated with more than eighty halftones, most of them reproduced from photographs taken at the nursery. The descriptions are brief but complete, popular rather than botanical and contain none of that laudation of his wares which the catalogue maker often feels to be essential.

But probably in no other feature of his very handsome books does the publisher take so much pride as in his nomenclature. The popular name is given in black-faced type, followed by the botanical name in italics, the latter according to the Index Kewensis. Mr. Peterson is a student as well as a business man and finds it both a pleasure and a source of profit to have his stock true to name, and that the right name. In the absence of any universally recognized American authority he has adopted the Index Kewensis, acknowledged as an authoritative botanical list by all the botanical world.

Peonies are one of the leading specialties at the Peterson Nursery, the collection numbering probably more varieties than any other in the United States, for everything is tested and proved. It is in this line that the nursery does its principal business with florists. A peony list is published in June but the Manual contains a list of recommended sorts as follows:

Festiva maxima, white splashed car-

View on the Grounds of Arthur Orr, Chicago. Reproduced from "Beautiful Grounds."

mine; Queen Victoria, white, blush guard; Golden Harvest, blush guard, balance yellow; Marie LeMoine, creamy white; Triomphe de l'Exposition de Lille, light pink; Delicatissima, delicate, light pink; Livingstone, pale pink bordered carmine; Alexander Dumas, mixed pink; Modele de Perfection, delicate pink, full; M. Barral, rose pink; Rosea grandiflora, rich rose red; M. Boucharlataine, rosy lilac; Souv. de Gaspard Calot, large rose pink; Atrosanguinea superba, blood red; Purpurea Delachei, purplish red; Richardson's rubra superba, crimson, late; Feliz Crousse, bright red.

The cream of the phloxes are said to be: Independence, tall white; La Cygne, white; Richard Wallace, white, violet eye; Beranger, blush pink; Le Soleil, soft pink; Cross of Honor, lavender, white border; Pantheon, light rose; Amabilis, rose red; Coquelicot, brick red; Boule de Feu, red; Eclareur, purplish crimson; King of Purples, dark maroon.

One concise statement in the Manual, while it is nothing new to most, is worth jotting down in the memory for those who are only about to enter the tree planting business: "Trees bear the same relation to one another as the squares of their diameters; hence a four-inch tree is four times as large as a two-inch tree and a seven-inch tree is twice as large as a five-inch tree."

CATALOGUES RECEIVED.

M. H. Walsh, Wood's Hole, Mass., roses, etc.; Peterson Nursery, Chicago, nursery stock; Ludwig Mosbaek, South Chicago, Ill., vegetable and bedding plants; Webster Bros., Hamilton, Ont., florists' plants.

Mexico, Mo.—Diessel Bros., who have been in the poultry business, are about to build greenhouses.

THE READERS' CORNER.

Transplanting Trees and Shrubs.

Mr. Scott offers some excellent suggestions in the Review for April 14, about pruning shrubs when transplanting, and I would even cut back more severely than he recommends in some cases, but his remark that early spring transplanting of evergreens is wrong, is not applicable to our more southern latitude and under our hotter sunshine. If we could be sure of plenty of moisture, both in the soil and in the atmosphere, for a month after setting them, it might be all right and, as a matter of fact, if we could move them in a damp, cloudy day in August and have a week or more of wet weather follow, it would be the ideal time, but we are very liable to have several weeks of drought in late spring and early summer and when this occurs, late planted evergreens are pretty sure to suffer, if they do not collapse entirely.

There is another point which I believe is not generally understood. It is now generally recommended to remove all the leaves from Ilex opaca when transplanted from its wild state and my experience leads me to the conclusion that the same treatment is equally beneficial to all broad-leaved evergreens, at least unless they have balls of earth and, although as good an authority as Joseph Meehan claims that coniferous evergreens do better if a portion of the foliage is allowed to remain when transplanted, I would much sooner take the chances with all of it removed than with all left on and I would, at least, cut them back very severely.

There is one important difference, also, in the care of newly transplanted stuff between evergreens and deciduous shrubs or trees. When drought gets very severe, we are admonished by the drooping foliage of deciduous plants that they are suffering and must have water, but after the new growth of an evergreen gets hardened the first notice we get that they are suffering is by the falling off of leaves, and it is then too late to save them. They must be carefully watched in dry weather to see if the soil around them is getting dry. We once planted several large hemlocks for a customer and cautioned him very thoroughly about watering, etc., and he got them started and growing finely, but a late summer drought came and he was not on guard and lost them all.

Wm. F. Bassett.

Hammondton, N. J.

CACTUS DAHLIAS.

The improvement in varieties of this charming class of dahlias has made a great difference in the popularity of the flower. Those who are giving attention to the raising of seedlings believe that perfection is not by any means yet reached; and that the possibilities in store are such that the cactus forms are likely to secure even greater esteem among the flower-loving public. It is pleasing to note that those who award certificates to new varieties are not led away by mere size. Perfection in form is quite the leading point. Only a few years back the better sorts had flat central florets. In the newer kinds, George Gordon and H. W. Sillem, for example, those in the center of the bloom are narrow and reflexed at the edges in the same manner as the rest. Stiffness of flower stem, too, is one of the principal qualities raisers think of.

The past two seasons in England have not been favorable to the proper development of dahlias, and cactus varieties have not been so double in form generally as they will be when we have a

normal summer and autumn. But still, there are few subjects in the outside garden that give a lengthier or a brighter display. I would like to see growers give, as a rule, a little more attention to the cultural needs of their cactus dahlias. It appears to me that gardeners generally are behind the exhibitor in this matter. For instance, one could wish that the same care be taken in propagating young stock, and in growing them on under glass into nice sturdy plants, well rooted in 6 inch, or even larger, pots, by planting-out time, in the same way that we find chrysanthemums managed in their early stages. The results would be more encouraging. Instead of this, we too often find the old roots of dahlias stored away under the benches, brought out in spring, cut into pieces, planted, and the same process followed year after year.

Cactus dahlias like plenty of room when growing. It is well not to have a plant closer than four feet to its neighbor. A soil deeply dug, and well worked, suits them better than one rich in manures. The latter has a tendency to produce too much leaf. But manures placed on the surface in summer time, when the flower buds are swelling, are not easily overdone.

A good foundation to a well-grown plant should be made by thinning the growth when young. Select about four side shoots to form main stems subsequently, then tie each to a separate stake, pointing in an outward direction. Disbudding the blooms of cactus dahlias may readily be overdone. In the case of most sorts this means of gaining nicely-shaped flowers will defeat our object, and instead we obtain blooms with faulty centers. In the matter of the best buds, I have especially noticed this. The buds, as a rule, are thrown up in threes. Now, the central one, which looks like giving the finer bloom, usually finishes inferior to the side ones in form, as well as in the stiffness and length of the stems. And, again, it is important that the growing shoots immediately under the flower buds be removed, because if left they will grow faster than the buds, and smother them. I would, however, leave the lower shoots. These advance eventually, and continue the display of flowers.

Improved varieties of cactus dahlias are being produced so rapidly that it is rare any one lasts longer than three or four years, that is if we have a desire to cultivate the best. It may be well to first name the certificated varieties of the past year, because it is certain there are among them some very choice things. Certificates at other than the real dahlia societies and the Royal Horticultural Society are not counted. They are misleading, and have little value: Comet, pink, speckled crimson; Dainty, lemon-yellow, shaded pink; Florence M. Stredwick, white; George Gordon, orange-yellow; H. W. Sillem, vermilion-red; Lady Colin Campbell, orange-yellow; Laurette, yellow, edged red; Mrs. H. L. Brousson, yellow, shaded salmon; Mrs. J. W. Wilkinson, light pink; Pearl, bright pink, lighter tips; Premier, crimson-scarlet; Rainbow, soft pink; Sirius, yellow, speckled crimson; Sweet Nell, blush-pink; Violetta, violet-rose.—Gardeners' Magazine.

Alocasia Illustris.

ALOCASIA ILLUSTRIS.

Among the highest authorities there is some confusion whether this most ornamental plant is an alocasia or colocasia. Alocasias, colocasias and caladiums are closely allied. The difference is some slight variation in the flower or fruit character. Broadly, we would say that the alocasias are evergreen and the colocasias herbaceous. We all know the beautiful fancy-leaved caladiums that are herbaceous. More familiar still is the so-called Caladium esculentum, which is not a caladium but a colo and familiar to all lovers of plants is Alocasia cuprea (metallica). The above are types of these three closely allied genera. Nicholson classes illustris as an alocasia, so let it go at that.

During the Pan-American year a circular bed of this most ornamental plant could be seen in front of the park superintendent's residence, on Elmwood avenue, Buffalo, where thousands traveled to the show. The illustration will give a better idea of its form than any description. The color of the leaves is a rich dark green, with olive black spots or patches, but no description can give an adequate idea of the subdued but rich coloring.

It is herbaceous. As soon as the frost has injured the foliage, the rhizomes, for they are more that than tubers, should be lifted and laid out on some dry, warm bench till the leaves have dried up. Then they should be stored away in dry sand in some position where drip cannot reach and where the temperature does not go below 50 degrees at any time. They are by no means as easy to winter as Caladium esculentum and should be occasionally examined and if, in January or later, they are showing signs of decay, it is better to start them growing at once.

When starting them into growth is the time to increase your stock. A piece of the root with a dormant bud can be started in a flat of three inches of sand and when growth has progressed put into suitable sized pot, or you can pot the roots at once into light, sandy soil, but in either case a gentle bottom heat is necessary.

They should not be planted out if used for sub-tropical gardening, till settled warm weather, for they are a tropical plant. A rich, friable, well drained soil with plenty of water is what they want during our warm, dry months. As a sub-tropical bedding plant, I know no rival to the beautiful Alocasia illustris.

William Scott.

PANDANUS AS A TABLE PLANT.

In Pandanus Veitchii we have an ideal plant for table work, that is, if properly colored leaves are to be had. I would deviate from the usual method of propagating this, which is generally in a close and warm case in the stove. First, obtain good-colored offsets or suckers; insert these in thumb-pots of sand, and place on a shelf in the stove house. You will find that the general routine of the stove will afford sufficient moisture for

Field of Lilium Harrisii at the Establishment of Chas. A. V. Frith, Bermuda. Photographed April 4, 1904.

the suckers till rooted. These may be potted on in a sandy compost, keeping the plants well elevated to combat against damp; 5½-inch pots are large enough for table plants, confining some to small pots to correspond with your centre plant.

Pandanuses revel in abundance of water in summer, but in being almost dry at the root and overhead in winter. To propagate pandanus in a close and humid atmosphere you will soon find out that the leaves assume a green appearance, and the cultivator will have difficulty to recover the much desired white and green-striped leaves. The plants become too large for table work before the color is obtained. In table plants always endeavor to procure good-colored cuttings to start with, as plants soon pass the stage for dinner-table work.—Gardening World.

CHICAGO.

The Market.

Business has shown some improvement in the course of the last week but it has been almost wholly on shipping trade, the local retailers reporting the conditions as no more encouraging than at any time since Easter. Prices have stiffened slightly, the change being more pronounced on carnations than on roses. There are still ample supplies of carnations for all requirements but the market is cleaning up better each day and the sacrifices which were necessary last week are no longer called for. Quality continues good and reports from the growers are generally to the effect that they have large crops in sight. The weather has been very unseasonably cold and this has served to hold the crops off for a time.

Beauties are not in so large supply as in the last two weeks and quality is a little off, considering the season. There are, however, large receipts of Brides and Maids in which the quality is all that could be asked and cheap rates are still quoted to the buyer in quantity. Liberty is coming in more heavily, and of varying quality, but a large proportion of receipts are short-stemmed.

The quantity of Easter lilies now in the market is something surprising. They are to be had literally by the thousands and prices are very low. Callas are only a little less numerous and equally slow sale. Tulips and daffodils are almost out of the market. The indoor stock is nearly all disposed of and the backwardness of the season has resulted in retarding the outdoor crop. The receipts of violets are growing lighter each day and quality is deteriorating rapidly; the prices, of course, are low. In "green goods" smilax continues to grow more scarce, but there are adequate supplies of asparagus. Prices on common ferns have been advanced 50 cents per 1,000 this week.

Various Notes.

C. A. Samuelson is getting remarkably fine sweet peas from Aug. Von Boeselager, Mt. Clemens, Mich.

Bassett & Washburn are getting the first cut from their big house of summer roses. Wietor Bros. are also cutting in their houses of La France and Kaiserin.

One of the week's visitors was Mr. Littig, representing Chas. Dannacher, Davenport, Iowa.

A. L. Randall is spending the week at his estate near Benton Harbor.

Frank Garland and M. Winandy are now nicely located in their new quarters adjoining the Reinbergs' in the Atlas block.

E. F. Winterson Co. is receiving very heavy shipments of jonquils from the south.

Kennicott Bros. Co. is receiving regular shipments of Lilium candidum, but E. E. Pieser says that with Easter lilies so plentiful and cheap they are not badly needed.

Emil Buettner is cutting very fine Morning Glory carnations and the A. L. Randall Co. says they are much more useful than Enchantress or Higinbotham for shipment to New Orleans and other distant points. Mr. Buettner has had very fine success with his white lilac this season.

Albert Amling will tear down a part of his old range this spring, rebuild it and also add several new houses, practically doubling the extent of his establishment. The Moninger Co. will supply all the material. Nearly all the additional space will be given to green goods, smilax and asparagus, which has been his specialty this year.

John Miller, north of town, has had a very good season. He grows nothing but carnations and his varieties are those recommended for quantity, but he gets pretty fair quality at the same time. He is figuring that he may considerably enlarge his plant next year.

A. Dietsch is at Mobile, Ala., where he will remain until about June 1. His health is considerably improved.

C. G. Samuel is running the Wells street store formerly conducted by Benj. Blameuser.

There was a small fire April 13 in the building on Clybourn avenue occupied in part by the Kaemper Flower store.

Weber Bros. have planted the house vacated by the lilies with year-old plants of Meteor which had been stored outside all winter and which came out in fine shape. The new Weber establishment will be rushed to completion at once and planted to Beauties, requiring about 8,000 plants.

John Mangel has leased the floor above his store at Monroe street and Wabash

avenue and connected the two by an inside stairway.

J. A. Budlong says he is tired of work and now rides a motor-cycle.

Geo. Witthold Co. has been growing a bench of dahlias this winter but has not found it profitable, as they got too few flowers.

The Florists' Club held its regular meeting at Handel Hall last evening, the special order for the evening being a discussion on coal. The members interested in bowling will hold a special meeting at the Geroux alleys, 170 Madison street, next Tuesday evening to arrange for games to decide who will play on the Chicago team in the S. A. F. tournament at St. Louis next August.

In the weekly price list E. H. Hunt says: "Weather conditions no doubt are having an effect on trade, especially here in town, and some of our friends are not wearing the smile which would not come off directly after Easter."

Bassett & Washburn took in 229 cars of coal from December 1 to April 1.

NEW ORLEANS.

Horticultural Society Outing.

At its last meeting, on a Sunday, the New Orleans Horticultural Society was the guest of Mr. Alost, at his nursery on the Gentilly road. The members met at Elysian Fields depot at 2 o'clock p. m. and took the train to Gentilly Station, where Mr. Alost was in waiting with three wagons to drive his visitors to his beautiful country home, arriving there at 3:30 o'clock. The absence of the president, Joseph Steckler, was the only disappointment of the day, he sending his regrets that it was impossible for him to be present, owing to the serious illness of his little son. Mr. Steckler sent his team with liquid refreshments, which proved to be a very welcome article. At 5 o'clock p. m. Mr. Alost rang his old plantation dinner bell, and each visitor took a chair at the table, laden with a most bountiful repast.

After eating two hours, speeches were in order. Mr. Panter acted as toastmaster. J. Eblen was the first gentleman called upon. Others who spoke were Mr. Valdejo, P. Abele and J. A. Newsham. Dan Newsham was called upon to give an account of his trip to St. Louis, he just having returned from a three weeks' stay in that city. He stated that the florists of New Orleans will feel proud when they see their plants and note how they rank with others. A beautiful space has been selected in the conservatory for them. Mr. Newsham expects to leave soon with two carloads of plants. The following have sent plants for the state exhibit: U. J. Virgin, J. Steckler Seed Company, Limited; J. Eblen, E. Valdejo, Abele Bros., J. St. Mard, C. Eble, H. Rehm, E. Zbinden, Quinette Bros., A. Commander and Audubon Park Association.

After the address of Mr. Newsham Mr. Panter thanked Mr. Alost and his family for courtesies extended the members of the society, and moved that three cheers be given them, which was done in a hearty manner. Afterward, the visitors rambled over the farm and through the nurseries of Mr. Alost, and later assembled on the gallery and enjoyed fine violin music by Mr. Lapouyade and P. Chopin.

NEW YORK.

The Market.

The market conditions were anything but encouraging up to Saturday of last week and prices were as low as to suggest dreams of "mid-summer nights," though the weather contradicted the illusion. In fact, one of the first signs of next winter, a veritable snow storm, raged when our eyes opened on Thursday morning. The chilling blasts continue and early birds and worms and spring planting are yet out of the question. Summer will be here on the lightning express when it comes, and 1904 looks now like "the year without a spring." The cold spell or something gave a temporary boost to prices on Saturday. Everything advanced a little and towards evening the best things were at a premium. Monday showed continued improvement. Better prices prevailed, and stock was cleared to good advantage, the demand taking everything of value. Beauties touched 30 cents for the best and Brides and Maids 8 cents, while special violets readily brought 50 cents per hundred. All these quotations are, however, for the highest grade. But warmer weather and larger shipments may make the present week a fit companion for the last before it ends. Violets are in the sere and yellow leaf; quality and quantity both are deteriorating and soon they will be but a memory. Even the street merchants have turned to roses and trailing arbutus. Lily of the valley is doing better, but lilies have dropped to the lowest rates of the season, the finest seldom going above $3 per hundred. The belated flowers are opening in multitudes and there seems no end to the supply.

Weddings are increasing and should begin to show a beneficial effect upon the general trade. The Twombley wedding last week was the largest of the year to date. Mr. Humphrey says it was one of the most beautiful he ever superintended. Lilies and American Beauties were the principal flowers, and large quantities of Crimson Ramblers.

Various Notes.

The severe winter has done incalculable damage in the nurseries and orchards around New York. In the Hudson river valley the estimate of loss to the fruit growers alone is over two millions. The effects of the long continued and extreme cold are evident on every hand. In all the nurseries we have visited the dire results are becoming more distressingly evident daily.

The attendance at the auctions increases weekly. Many new faces are to be seen this season. Prices realized are more encouraging and the promise of a large business brightens. Elliott's sales of hardy roses and evergreens are quite up to the supply arriving. At Cleary's Horticultural Hall the sale of orchids from Sander & Son takes place on Friday of this week, comprising cattleyas, lælias, oncidiums, vandas, cypripediums and hybrids.

A visit to Freeport last Sunday revealed a good reason for James Dean's locating in one of the prettiest localities on Long Island, where honors municipal have been crowding thick upon him. Here, too, Charles Lenker has a growing business, built up during the last seven years, and ten acres of land which he is devoting to nursery purposes in a favored section on the Brooklyn trolley line, where it grows daily in value. He has three houses 200 feet long devoted to carnations, stocks, sweet peas and bedding plants, lilies, gladioli, Crimson Rambler and vegetable plants and will build another house 19x117 this season. In the nursery are silver maples, evergreens, peonies, irises, rhododendrons and shrubs of many varieties.

Joseph J. Levy, who has been with Alex Guttman during the last three years, was agreeably surprised after Easter by the presentation of a beautiful gold watch from his employer as a memento of faithful service.

J. K. Allen has been wrestling for a week at his home with the grippe and is convalescent after quite a severe attack of the prevalent indisposition.

William Nilsson, of Woodlawn, whose artistic work at his grounds near the depot has been admired by so many thousands of travelers daily on the N. Y. & N. H. R. R., is being crowded away from his present location by the building of the viaduct and is removing the greenhouses to Wakefield.

Harry May reports his father, John N. May, of Summit, N. J., recovering from his long illness in the sunny south, and now at Pinehurst, N. C., on his way to New York.

The Bowling Club's captain is unfortunate in having to shoulder the anxiety caused by a severe accident to his wife, who is in the hospital suffering from a dislocated shoulder. This accounts for the scarcity of 200 averages of late on the club's alleys.

Julius Kretschmar, uncle of A. H. Langjahr, the wholesale florist, is very ill, having suffered his second stroke of paralysis at his residence in Brooklyn.

The Clucas & Boddington Co. has engaged Herbert Greensmith, of Riverton, N. J., to take charge of its nursery department at Sparkill, N. Y., where he has moved with his family.

Bowling.

The bowling at the club's alleys on Monday evening was excellent, some splendid scores being made and much interest in the contest at St. Louis was manifested, the club being already assured of a strong representative team there. Henry Bunyard, who has just returned from a very successful trip for the Clucas & Boddington Co., was an interested visitor. Mr. Bunyard is suffering from the results of a severe attack of the grippe and was obliged to shorten his trip on account of illness. The best four games of the evening are here recorded:

O'Mara	148	155	157	174
Ford	161	166	168	186
Traendly	138	151	162	186
Shaw	123	159	159	193
Frank	136	147	149	157
Gibbs	125	134	158	177
Young	109	114	134	158
Marlon	86	89	101	105

J. Austin Shaw.

BOSTON.

The Market.

The market has been decidedly dull during the past week and prices have ruled low. Few carnations now fetch over $3 and fine stock goes at $2. To show what small net returns some growers are getting, we might state that a carnation grower who produces fine flowers stated that his returns for the two weeks after Easter would average about 75 cents per 100. He felt disgusted, and we don't wonder at it. Roses

are selling very low and the quality gets poorer. Violets are nearing the end. Campbell is still plentiful but is outclassed altogether by Princess of Wales.

Various Notes.

A few nice Iris Hispanica have been coming in lately and bring good prices. It is singular that this beautiful and inexpensive bulbous plant, so highly prized in Europe, is not more grown here for Easter and Memorial day trade; it is just what is needed. Wallflowers, English primroses, cornflowers, anemones and ranunculus are displayed in a number of the florists' windows. Vases of Crinum Moorei and Eucharis amazonica in a Boylston street store the past week attracted some attention. The last named in particular is a useful florists' plant and seems to be coming back into favor.

One of the leading retailers made a very effective window display the past week by using yellow marguerites and English primroses exclusively.

Patriots', or Lexington day, held as a state holiday on April 19, did not quicken the pulses of the flower trade. A good many take advantage of the day to do their customary spring gardening. Peas, potatoes and pansies are in demand.

Weather conditions of late have been remarkable for the last half of April. On the morning of the 15th the temperature fell to 18 degrees near Boston and almost equally low readings were recorded on one or two other mornings. On April 16 snow fell steadily for eight hours and a maximum day temperature of 37 degrees was more suggestive of February than April. Vegetation is, fortunately, very backward and no injury has been sustained. The blessings of an early season are not to be desired in New England and our nurserymen and seedsmen find the chilly climatic conditions a great help to them while they are congested with business.

N. F. McCarthy & Co. opened the auction season on April 15, with a large stock of hybrid perpetual roses, trees and shrubs. Prices were well up to the average. The second sale occurs on April 22 and the third is scheduled for April 26. The bulk of the nursery stock is from Holland, but a considerable portion is from American growers. During May and June this firm will hold auction sales every Tuesday and Friday.

Indications point to a lessened amount of greenhouse construction among florists during 1904. This is not surprising, considering heavy coal bills and lower cut flower returns. A considerable amount of building on private estates will take place. Hitchings & Co. have some half dozen contracts already in hand.

R. & J. Farquhar & Co. are stocking up heavily with herbaceous perennials at their nurseries in Roslindale. At their new nurseries in Sharon, trees and shrubs are being largely planted.

A good number of special prizes for carnations will be offered at the coming show of the Massachusetts Horticultural Society, when the C. S. A. meets with it. Important additional special prizes for chrysanthemums are being arranged for and all horticultural societies in New England will be asked to offer special premiums for competition among their members.

Philadelphia Rambler rose was not counted a success by those who tried it for Easter. The color is good, but trusses are very small and rather of a drooping tendency. It also seems more susceptible to mildew than Crimson Rambler. Pink Ramblers lose their color too soon to be accounted acquisitions as pot plants.

A lengthy report published in pamphlet form and finely illustrated, of the committee on school gardens and herbariums of the Massachusetts Horticultural Society, has just been issued, edited by the capable chairman, Henry Clapp, one of the founders of the school garden system. The report makes most interesting reading and shows what a wonderful work is being done in this section on these lines to interest the young in plants and flowers.

The offer of Col. Charles Pfaff of a fifty-dollar cup for roses at the meeting of the American Rose Society here in 1905, will soon be supplemented by others. An advance schedule containing all special premiums, as well as the regular prizes offered by the Massachusetts Horticultural Society, will be ready in August.

W. N. CRAIG.

PHILADELPHIA.

The Market.

The fluctuation in prices has been a feature of the past week's business. Quotations in the market report, though given with great care, are totally misleading. American Beauties were so plentiful at times that hardly any offer was refused on several days last week, but the supply shortened at the close of last week and this week prices have advanced and hold firmly. Callas and Easter lilies are very poor stock, there being no demand for either. Single violets are about over. Sweet peas are the most popular flowers on the list to-day, great quantities of fine stock being used at the very moderate prices quoted. Daisies, valley, short Beauties and, to a certain extent, fine single daffodils are also in demand. The general tone of the market is unsteady.

Death of George Huster.

George Huster, gardener in charge of the extensive grounds and greenhouses of Girard College, who died last week, was buried at Holy Cross cemetery last Monday. The funeral services were held at the home of his nephew, Leonard Ruber, florist, 2003 Fairmount avenue. Mr. Huster had done excellent work at Girard College. He always had a fine collection of stove and flowering plants, while his bedding, especially in front of the main hall, was unusually handsome. He was a member of the Florists' Club and went with that body to many of the S. A. F. conventions. His death will leave a gap hard to fill among the horticulturists of our city.

An Afternoon's Rest.

Jacob Becker says that a friend can be rebuked severely while an acquaintance cannot. Possibly he meant, with safety to the speaker. My friends exercise this privilege. They say, "why, that article about so and so's place was miserable; you should do much better than that." Possibly, but conditions count for a great deal. The best plants will not thrive without care, nor can the best account of them be written without a cordial reception. Suppose after traveling fifteen miles, more or less, you are received by a horticulturist who won't talk about his pets, but wishes you in Jericho, and shows it. Can you do justice to that man's place? It is certainly very difficult.

But when on the other hand you are warmly received and shown all that is of interest, it is quite a different thing. This is always the case at the Riverton Nurseries, where I had the pleasure of spending a couple of hours one day this week with Vice-president Eisele and George A. Strohlein. The aquatics and perennials are features of especial interest now. One large water lily pond is in course of construction, while several divisions in the older ponds are being removed for the sake of convenience. One pond is filled with roots of varieties ready for shipping, all carefully protected from the unusual cold of the present month, which has caused them to be later starting this year than usual. The tender varieties in the tanks indoors are in a particularly thrifty condition. This whole department is now under the charge of James T. Clark, who has mastered many of the problems which beset the grower of aquatics. Nymphæa odorata rosea is doing splendidly. A very large stock of this sterling variety has rewarded his efforts. Steady progress marks this venture, a few years ago considered by many as an uncertain field for commercial enterprise.

The hardy perennials now demand close attention, the planting out season being well under way. Mr. Eisele has this field under his personal supervision and promises a most extensive and interesting display in August. The hybrid roses occupy long rows of frames, as well as several of the houses. They have carried well throughout the severe winter and are now breaking finely. Magna Charta and Mme. Gabriel Luizet, Ulrich Brunner, Baroness Rothschild and a long list of well-known favorites are found regularly arranged in blocks, showing order and system. A block of 10,000 or more Ampelopsis Veitchii were just coming into leaf. A couple of frames were filled with the pretty butterfly violet, Viola cornuta papilio, said to bloom throughout the summer, either in shade or moderately sunny places. It is useful for planting with rhododendrons or in shrubbery, where a carpet of blue is desired. A curious plant is one which first makes flowers and then tall leaf stalks, facetiously described as umbrella substitutes. Golden hops are grown as ornamental plants, not for golden beer. Mr. Eisele spoke with great pleasure of the letter just received from a leading retailer, thanking him for delivering his azalea order exactly in the condition desired, an encouragement for future effort.

Ferns in small pots have proved exceptionally good stock this season. Great numbers are coming up from seeds sown. Asparagus plumosus compacta has been much used in the same way; that is, for fern dishes. A. myriocladus, when given plenty of root room, produces beautiful, long-stemmed sprays. A couple of small houses are filled with Cocos Weddelliana. Dracæna goldeana, beautifully marked, is highly prized and it is believed will become more popular when better known. Quite a lot of palms are being shipped, giving room for others to be shifted and spread. J. M. Keller, when at Riverton recently, said that a florist when ordering palms always meant kentias, now a temporary cutting down of varieties much to be regretted.

Nephrolepis Bostoniensis is considered the fern of the day, with N. Scottii as desirable in small pots. The packing shed was pretty full of orders picked out for shipment, nothing it was said to what would be seen in a day or two, when a sign calling for volunteer evening packers was likely to be displayed. The bedding plant men have taken kindly to the new red-leaved pennisetum mentioned in a previous report.

Various Notes.

Edwin Lonsdale has made an assignment for the benefit of his creditors. J. G. Lamb is named as assignee.

James M. Thoirs, of Camden, N. J., has been particularly busy since Easter.

Samuel S. Pennock is receiving some very fine Liberties.

Leo Niessen continues to handle many cases of wild smilax. The season for this staple decorative green is still in full swing.

Charles F. Edgar & Co. have received some nice orders for florists' supplies.

A special meeting of the Florists' Club was held last Saturday afternoon to pass resolutions of regret and sympathy on the death of George Huster. The club sent a floral emblem to his funeral.

The Flower Market is experiencing an excellent demand for sweet peas and other spring flowers.

William J. Baker is handling some very fine daisies and carnations.

E. A. Stroud, of Strafford, is still sending superb fancy carnations to S. S. Pennock.

Great sympathy is expressed on all sides for Messrs. Craig and Lonsdale.

W. P. Peacock, of Ateo, N. J., has doubled his area of glass for propagating dahlias. PHIL.

Resolutions of Respect.

At a special meeting of the Florists' Club of Philadelphia, held at the club room, Horticultural Hall, on Saturday, April 16, the following resolutions were adopted:

WHEREAS, The members of the Florists' Club having heard with deep regret of the death of their fellow member, George Huster,

RESOLVED, That the club make a special minute of the high estimation in which they held Mr. Huster for his loyal and faithful services on behalf of its interests from its foundation up to the time of his death. His professional ability and zeal were widely recognized and his singleness of heart, earnestness of purpose and high sense of honor were distinguishing characteristics that earned him the affection and respect of all; and,

RESOLVED, That the secretary forward a copy of this minute to the relatives of Mr. Huster as a testimony to them of the warm regard in which Mr. Huster was held and an expression of their sympathy in a mutual loss which they all deplore; and, further

RESOLVED, That the floral emblem of the club be sent to the funeral.

GEORGE C. WATSON,
CHARLES FOX.
CHARLES MECKY,
Committee.

MONMOUTH, ILL.—Thomas Hewitt is adding two greenhouses, which will double the capacity of his establishment.

ST. LOUIS.

The Market.

The unseasonable weather of late has made trade in cut flowers irregular and some of our florists are complaining of dull times since Easter. The greenhouse men have plenty to occupy their minds from now on, making preparation for spring planting, which has not as yet begun, owing to the backward spring, so they are keeping themselves busy filling up with bedding plants, places made vacant by Easter stock. Some of our retailers are kept busy with early spring weddings, receptions and other social affairs, while others have considerable funeral work on hand. The wholesalers claim that the past week was better than the week previous, as far as trade was concerned. Cut stock was just as plentiful but the demand much better.

In roses the supply is fairly good. Brides and Maids are of fine quality and color, with the price from $6 to $8 per 100 for selects and $4 to $5 for firsts. President Carnot and Golden Gate are selling well. Selects in Meteor and Liberty are scarce, though plenty of firsts and seconds are in the market. Fancy Beauties are quite plentiful at $4 and $5 per dozen, but more of the $2 and $3 kind, which sell well. Carnations are still leaders as quick sellers. The market is well supplied with good stock. Fancy sorts bring $3, firsts $2.50 and ordinary are $2 per 100, though some are cheaper in 1,000 lots. White and Lawson sell best. Light pinks are slow.

Plenty of lilies are coming in at present, in fact more than the demand calls for. The same may be said for callas. In other bulb stock, quite a few Romans were in the past week. Daffodils and jonquils are still a drug. A lot of fine white tulips are in the market at $2 per 100. Valley is in fair supply at $3. Sweet peas are in better demand this week. The cold weather brought better color to the violets and a good supply was in all week, at 50 cents per 100.

Florists' Club Meeting.

The club's monthly meeting on Thursday afternoon was not so well attended as it should have been. This, no doubt, was because most of the greenhouse men are busy with outside work. Still twenty members, including the officers responded to the call, this being our annual rose meeting. The display from outside growers was very fine. Among them was a fine vase of La Detroit from Breitmeyer's Sons, of Detroit, Mich. Heller Bros., of New Castle, Ind., sent General MacArthur. Peter Reinberg, Chicago, showed Uncle John and Mme. Chatenay. The Benthey-Coatesworth Co., of Chicago, exhibited a vase each of American Beauties, Liberty, Bride and Bridesmaid. None of the local growers made a display, all being off crop. Visitors at the meeting were Phil J. Hauswirth, Leonard Kill and L. Coatsworth of Chicago. All these gentlemen contributed remarks for the good of the club and the S. A. F.

All chairmen reported progress for their respective committees. Frank H. Weber, nurseryman, was elected to membership. Applications for membership were received from John Cannon, of Webster Groves, and J. H. Ahner, of Kirkwood. After the large lot of communications were disposed of the president appointed Messrs. Ammann, Guy and Windler to pass on the roses on exhibition. The report was as follows: La Detroit, very fine pink, large flowers with great stems, somewhat bruised through shipment. Uncle John, very fine, best of its kind. Mme. Chatenay, very fine, elegant foliage and fine stems. The display of the Benthey-Coatsworth Co., of Beauties, Maids, Brides and Liberty, very fine, well-grown stock. Heller Bros., General MacArthur, very fine red rose, elegant foliage and fine stem.

The report was followed by a discussion led by John Steidle, on "Field Planting and Growing of Carnations," which brought out a good discussion from the carnation growers. George Windler followed with an essay on "Pot Grown Chrysanthemums," which was well received by the members. A vote of thanks was well tendered each gentleman for his effort. The question was asked, why don't callas thrive in a bench where chrysanthemums were grown? The answer was finally left to some of the readers of the REVIEW whom we hope will be able to answer this question in the next issue. After disposing of the roses on exhibition the meeting adjourned. The next meeting will take place May 12, at which J. F. Ammann will lead a discussion on "Replanting Rose Stock" and F. W. Ude will lead a discussion on "Violet Growing."

Various Notes.

John Steidle has just finished building a new carnation house 20x114, which was built by R. Thompson, of St. Louis.

The remarks of Phil Hauswirth at the club meeting were much appreciated by the members. Mr. Hauswirth said that in calling on the different retailers in St. Louis he was much surprised in hearing a number of them say that they were not members of the club. He claims that it is the duty of every florist in the city where there is a club to become a member of it, and especially when the S. A. F. convention is to be held in its city. Mr. Kill's and Mr. Coatsworth's remarks were also along the same line. After these remarks, on motion of Henry Ostertag the chairman appointed a committee, consisting of H. Ostertag, Otto Koenig and George Windler, to look after these new members and report at the next meeting.

According to the Daily Republic, which records daily what happened in St. Louis twenty-five years ago, stated on April 16, 1879, a heavy hailstorm broke many skylights and wrecked the greenhouses of Charles M. Ellerd, Jordan Floral Co., Theo. Newman, Charles Bleeckert, Alexander Waldbart, Benj. Horton and W. D. Grant.

Bowling.

Some of the florist bowlers journeyed over to Belleville Sunday afternoon to play a return match with E. W. Guy's team. Among them were Mr. and Mrs. C. A. Kuehn, Mr. and Mrs. Carl Beyer, Mr. and Mrs Theo. Miller, Mr. and Mrs. Frank M. Ellis, Mr. and Mrs. J. J. Beneke and Arthur Ellison. The florists lost all three games and the least said about it the better. The scores were as follows:

Player.	1st.	2d.	3d.	T'l.
J. J. Beneke	168	168	131	467
Carl Beyer	117	159	144	420
Theo. Miller	159	143	159	461
C. A. Kuehn	156	139	125	420
A. Y. Ellison	158	170	157	485
Totals	758	779	716	2253
Belleville	843	806	780	2429

ALGONA, IA.—Harry Richardson will add another greenhouse this season.

"Green Goods"

All "Green Goods" are scarce, particularly Smilax, which is very short, but WE HAVE PLENTY OF ASPARAGUS, good, long, heavy strings, for all requirements. Send along your orders.

PLENTY HARDY FERNS.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—40-inch stem	$4.00
24-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	$5.00 to $6.00 per 100

	Per 100
Brides and Maids	$3.00 to $8.00
Meteors and Gates	3.00 to 8.00
Perles	3.00 to 6.00
Roses, our selection	3.00
Carnations	2.00
" large and fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	3.00 to 4.00
Poets' Narcissus	1.00
Mignonette, per doz., 50c to 75c	
Sweet Peas	1.00
Callas, per doz. $1.25 to $1.50	
Harrisii...per doz. 1.00 to 1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns...per 1000, $1.00	.40
Galax...per 1000, $1.25	.15
Adiantum	1.00
Smilax ...per doz., $3.00.	
Leucothoe sprays	1.00

Subject to change without notice.

CATTLEYAS ....per dozen, $6 00
DENDROBIUMS.... ... .per dozen, 2.00
CYPRIPEDIUMS... .....per dozen, 2.00
Assorted Orchids, $5 to $25 per box.

ORCHIDS

"Get in the Habit"

Of calling up

Long Diatance Phone Central 3598, or Telegraph, or a letter to

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

WHEN YOU WANT

Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

PITTSBURG.

The Market.

Preceded by a week of moderate activity, last week's business was expected to be an improvement but instead business dipped to a low ebb. Undoubtedly the very unseasonable weather has much to do with this state of affairs; the temperature is falling away below the frost mark almost every night.

The heavy receipts of all kinds of flowers has caused a severe decline in prices. White roses and carnations are the only flowers that are in active demand. Colored stock of all kinds is hard to move. The quality of all stock is exceedingly fine. Lilies are offered at ridiculously low figures. There are still quantities of very good qualities of double and single daffodils in the market. Smilax is a scarce article.

Various Notes.

Charles T. Siebert contemplates the erection of a fine flower shop at the corner of Baum and Beatty streets.

Frank Schoen, formerly with A. M. Murdoch, is now located at Toledo, O., with George Heinl.

S. S. Skidelsky was a visitor last week. He reports good sales on Adiantum Croweanum.

The Pittsburg Cut Flower Company is receiving quantities of yellow daisies. The first candidum lilies of the season were seen at this wholesale house.

More than 2,000 people from Punxsutawney and intermediate points came on an excursion last Sunday to see the Easter flower show in Phipps Conservatory, Schenley park.

Hoo-Hoo.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems...per 100,	$5 00 to 6 00
Bridesmaids...per 100,	6 00 to 8 00
Bride	6 00 to 8 00

	Per 100
Ivory	$6 00 to $8 00
Liberty	6 00 to 8 00
Golden Gate	6 00 to 8 00
Perle	6 00 to 8 00
La France	6 00 to 8 00
Kaiserin	6 00 to 8 00
Carnations, good	3 00
" fancy	4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

PHILADELPHIA, PA.—John Beavis & Son are planning to add another greenhouse 14x150.

PEORIA, ILL.—Henry Baer, who has been very successful with carnations, shipping to the St. Louis market, is building four additional greenhouses 13x200 on the Dietsch short-span system.

ITHACA, MICH.—D. Kleinhans has sold his greenhouses to F. W. Brook and will remove to Cadillac, Mich., where he will this spring, in company with R. A. Mason, put up a range of about 6,000 feet of glass. The firm will be known as Kleinhans & Mason.

Vegetable Forcing.

West Toledo, O.—Charles Moebius is building a greenhouse for forcing vegetables, 36x150 feet.

The lettuce growers about Chicago had a poor season up to about March 1. Coal bills were high and prices low, but in the last six or eight weeks values have advanced to fully double what they were during the severe cold weather. A1 lettuce is bringing 40 to 50 cents a case of twelve to fifteen plants.

THE MARKETS.

Chicago, April 20.—Radishes, 25@60c dozen bunches; rhubarb, $1.10 40-lb. box; lettuce, heads, 70@85c a bu., leaf, 50c case; spinach, 60@75c box; cucumbers, 50c@$1.00 dozen.

Boston, April 19.—Cucumbers, No. 1, $6.50, No. 2, $4.50, No. 3, $3 per box; lettuce, in strong demand and firmer in price, 50@85c dozen; mushrooms, 50@75c lb.; hothouse tomatoes, choice, 25@30c lb.; rhubarb, 7c lb.; radishes, 40c dozen bunches; mint, 50c dozen bunches; parsley, 75@$1 bu.; beets, 25c dozen bunches; good samples of Boston Market celery are still coming forward and bring $2.50 per dozen; a few hothouse cauliflower of nice quality sell at from $4.00 to $5.00 per dozen.

VEGETABLE PLANTS.

When convenient to a good market, the raising of vegetable plants under glass for subsequent planting outdoors is often quite a remunerative business and even when they have to be shipped quite a distance they are not likely to suffer much in transit. When the season gets late for planting vegetable crops to mature indoors, the houses can often be turned to better advantage for the above purpose, as the prices of produce are often run down through competition with southern products during the late spring months.

A great mistake is often made in trying to raise too many plants in the space at command, to the detriment of the quality of the stock produced, and I would advise anyone who intends establishing a trade in this line to pay particular attention to the quality of his stock. Once a name is established for sending out first-class stock, a steady demand is assured. This cannot be done if the plants are huddled together and quantity made the first consideration. A satisfied customer is the best advertisement and such a customer will be perfectly willing to pay a higher price for stock that he can rely on than for stock that he is taking a good deal of risk in planting. If you can make ends meet for the start, it will pay to wait a little for the dollars and cents, but just as sure as you send out good stock, the dollars and cents will come.

The plants should be firm and stocky and of good color. Such plants can only be produced where ample space and ample light and air are given. It is often hard to establish such subjects as peppers and egg-plants in the open ground when adverse climatic conditions prevail, but when good stock is planted they have a much better chance than weakly drawn up things with little or no backbone to them. We have seen poor tomato plants under very favorable conditions pick up surprisingly fast and give good returns, but peppers and egg plants, the latter especially, seldom if ever give good returns unless good plants are set out to begin with. Another point of the utmost importance is the proper hardening off of the plants before sending them out. This matter is too often neglected and the plants are sure to receive a check if carelessly rushed out, unprepared for the change, where if gradually hardened off little or no check will result. W. S. Croydon.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

Visited Chicago.—Alex. Rodgers, representing J. Charles McCullough, Cincinnati.

Gratiot, O.—W. B. Longstreth says business is good and well up to last year, some items sold out by April 15.

Dunkirk, N. Y.—The Dunkirk Seed Co. is moving its warehouse and offices from the country into town, where its facilities will be much improved.

At all of the pea growing sections the planting will be very late. This may have no material effect on the crop, but it will prevent a good start.

Centerville, Ia.—D. Hamilton reports that spring has arrived, business opening up in good shape, weather cool but giving opportunity for planting, and everything on a rush.

Chicago.—No seeding has been done for onion sets as yet, but it is thought that a good movement toward getting seed into the ground will be under way by the end of the week.

Reports generally for the month thus far do not show a sufficient gain in trade to make up for the shortage of March and February, and it looks as though May will have to bump itself to make 1904 equal 1903.

Indianapolis, Ind.—This section, which is now an important onion set point, has as yet seen no planting of seed. We are two weeks late now, with the prospect of adding another before the weather will permit planting.

Toronto, Ont.—Under date of April 16, J. Simmers & Co. write: "We have beautiful spring weather here, six inches of snow on the ground. Yesterday we had as severe a snow storm as any of the past winter; very encouraging for the seed business."

Spinach seed seems to be the only item that is holding its own in price, with a prospect of advancing.

The backwardness of planting operations at all points is having a demoralizing effect on the seed trade. Lack of customary orders is causing jobbers to lower prices in the effort to force sales. This meets with little response, and the planting time for sweet corn, cucumbers and other seeds that are unusually short is likely to drag along until all chance for a proper price for stock has been lost.

EASTER LILY BULB SITUATION.

F. H. Henry, of Henry & Lee, was a Chicago visitor this week, having but recently returned from six weeks in Bermuda. With regard to the Easter lily bulb situation he states:

"While the acreage planted is about that of last year, the stock planted is of a smaller grade and growers are practically unanimous in predicting a shortage of from twenty-five to fifty per cent in the larger sizes, that is, 7 to 9 and 9 to 11 bulbs, with an average crop of 5 to 7. Owing to the short crop outlook prices are quoted about ten per cent higher than last year. Quality shows a little improvement over last season's crop.

"The prices on Japan stock, Lilium longiflorum and its varieties, are quoted at an advance from fifteen to twenty-five per cent over those of last year, due to an increase in freight rates from Japan and to the land tax levied by the Japanese government as the result of the war with Russia. An export duty had been feared, but it has been decided not to levy it at this time. The advance in price is more pronounced on the giganteum variety than on the regular longiflorum. While this is merely a matter of opinion, we do not expect that the war complications will interfere with the regular deliveries of longiflorums, these shipments being usually made in August and September, but later shipments may be interfered with.

"Figures which have recently come to hand show that the average Bermuda crop, say that of 1903, is about 10,000 cases, or two million bulbs. The figures on the Japanese shipments of last year show a total of from three and a half to four million bulbs. The proportion of the 9 to 10 size was between fifteen and twenty per cent of the quantity harvested of the 7 to 9 and smaller sizes."

Wanted—Japan Lilies

OF ALL KINDS.

State Quantity, Sizes and Price.

JAMES VICK'S SONS,

ROCHESTER, N. Y.

CUSHMAN'S HYBRID 1904 GLADIOLUS BULBS

AT PRACTICAL LIVING PRICES

Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture.

CUSHMAN GLADIOLUS CO., SYLVANIA, O.

ASPARAGUS

Plumosus Nanus, Per 100 seeds, $1.00; Per 1000 " 7.50; Per 5000 " 35.00

Sprengeri, Per 100 seeds .40; Per 1000 " 2.00; Per 5000 " 9.00

STUMPP & WALTER CO., 50 Barclay St., **NEW YORK.**

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote

Lilium Harrisii
Lilium Longiflorum
Dutch Hyacinths

and other Bulbs for florists. Send for prices, stating kinds and quantities required.

Asparagus Plumosus Nanus,
$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

FRESH

Cycas Stems

Fresh Importation.

Per 10 lbs., $1.25; per 25 lbs., $2.50; per 100 lbs., $8.00.

Tobacco Stems, per bale, $1.50

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market.....pkt., 50c
Cauliflower—First and Best..... " 50c
Tomato—Sterling Castle..... " 25c
Radish—Carmine Forcing..... " 05c

WEEBER & DON, Seed Merchants,
114 Chambers St., NEW YORK CITY

Mention the Review when you write

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100.....$1.50
Per 1000.....13.00
Per case of 2,500.....30.00

H. N. BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

We esteem the Review very highly for its Seed Trade news.—Binghamton Seed Co., Binghamton, N. Y.

Cycas Revoluta Stems

1 to 5 Lbs. each, 300 Lbs. to case. Sold in case lots only.

SEND FOR OUR LIST OF **Surplus Nursery Stock.**

SUZUKI & IIDA, 31 Barclay Street, **NEW YORK**

Primula Seed.

MICHELL'S STRAIN of Primula Seed is recognized as the very best in the market to-day. It can be relied upon with absolute confidence, both as to quality and freshness.

Primula Chinensis alba magnifica, white; Holborn Blue; Kermesina Splendens, crimson; Rosy Morn, pink; Fern Leaved, mixed colors, 60c half trade pkt.; $1.00 trade pkt.

Michell's Double White and Double Mixed, Michell's choicest European Mixture, same price as above; also 1-16 oz., $2.00. Stellata (Sutton's Star), original packet, $1.25.

Primula Obconica grandiflora, fimbriata, white, 1-16 oz., $1.00; trade packet, 50c.

Kermesina, red, 40c trade packet. Rosea, pink, white, hybrida mixed, 30c trade packet.

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA.**

Floracroft Strain **Prize Gladioli**

IMMENSE SPIKES. ORCHID-LIKE BLOOMS.

Has received the highest awards wherever exhibited and pronounced the finest strain extant.

	Per 100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10.00
" " " 2d size	1.00	7.50
Groff's New Hybrids, 1st size	2.25	20.00
Orange and Yellow, 1st size	2.50	24.00
Striped and Variegated, 1st size	2.25	20.00
Brenchleyensis, scarlet, 1st size	$1.00	$ 8.00
Pink Shades, 1st size	1.25	12.00
White and light Shades, 1st size	1.75	15.00
American Hybrids, choice mixed	1.00	9.00
Johnson & Stokes' Special Mixture	.90	6.00

DOUBLE CHINESE HERBACEOUS PEONIES,
Splendid Roots with 2 to 5 Eyes.

	Per doz.	100
Pink	$1.25	$ 7.00
White	1.50	10.00
Dark Red	$1.25	$7.00
Mixed	1.00	6.00

Get our prices on BEGONIAS, GLOXINIAS, CYCAS and TUBEROSE BULBS.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

Lawn Grass Seed in bulk and packages

PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

PACIFIC COAST.

The Hortensia Horticultural Society, of Oakland, Cal., has changed its name to the German Gardeners' Club, as being more appropriate. They have quarters at Baker's Hall, meeting on the second and fourth Thursdays of each month. Simon Winkler, 1098 Versailles street, Alameda, Cal., is secretary.

CARNATIONS IN CALIFORNIA.

The following is from the Los Angeles Times, and will be of interest to all who are engaged in growing the carnation:

To the stranger within the gates of this state, the carnation growing of California becomes an object of the greatest interest and a most satisfactory sight. The success of the enterprise and the very simple and effective style of cultivation make it another marvel in this land of natural wonders.

When E. J. Vawter retired from the active life of a banker he sought recreation in ranching. Part of the land in the confines of Santa Monica, the particular section of this city claiming title as Ocean Park, he experimented with, five years ago, for a more remunerative crop than that of barley. A tract of about two acres was planted with pure California seedling carnation plants. Since then the acreage has increased to twenty, and at the close of the planting work this season the ranch will have 200,000 plants in active growth. Ultimately the most of a 200-acre ranch will be devoted to the culture of this flower.

In brief, the carnation fields are yielding on an average from 6,000 to 10,000 flowers every day in the year, with a market in which the demand is at all times greater than the supply. The plants are perpetuating in a sense, are propagated in the open fields, cultivated with less labor than ordinary crops, and are exempt from insect pests and but rarely troubled with disease, excepting ordinary fungus attacks.

The average life of a field carnation varies from two to three years. New plants are taken in cutting from the old ones and put directly into the ground. They take root in about four weeks, and in about ten months are in bloom and continue to give their daily quota of blossoms until they die out. In planting the carnations are placed in rows three feet apart and the plants two feet from each other. This permits the cultivation with horses, and after once in healthy growth they require only watchfulness for disease and insect pests, irrigation about every two weeks and daily picking.

SAN FRANCISCO.

The Market.

Last Sunday the thermometer registered 92 degrees in the shade. Since then it has cooled somewhat, but it is still much warmer than we care for at this time. Carnations are flowering with a rush and the best varieties are being sold wholesale at $2 and $2.50 per hundred. Portia, Scott and Joost are being sold for $1.50 per hundred and that will be the ruling price for a few weeks. Roses show the effect of the unusual spell of heat and weak stems are in the majority. Good Beauties are scarce and are bringing $2 per dozen. Short and medium-stemmed stock can be had at any price and the same rule holds good for Brides and Maids. Business has been only fair for the past week. Funeral orders have not been brisk but there has been considerable work for weddings and most of the retailers have had a share of it. Easter lilies are scarce. Violets are about out of season. Fruit blossoms are seen everywhere and California wild flowers are handled in large quantities by some of our retailers. Eastern visitors are especially fond of the eschscholtzias and they are at their best at this time. Many of the violet growers who at present have plenty of spare time scour the hills in this neighborhood and make very fair wages by gathering and bringing to market the most popular native flowers. Some of our dealers designate this kind of stock as "rubbish," but nevertheless more of it is being used each season.

Various Notes.

The accidental setting on fire by a careless workman of a quantity of crude oil caused a $6,000 fire at Domoto Bros.' establishment at Elmhurst last week. The flames destroyed a 3,000 gallon tank of oil, completely ruined an eighty horsepower boiler that had recently been installed and destroyed the house and stock in a 300-foot rose house. A large boiler room and several smaller buildings were entirely wiped out and several other large greenhouses badly damaged. G.

A CALIFORNIA OPPORTUNITY

Owing to death and the settlement of an estate one-half of the stock of the Leedham Bulb Co., Santa Cruz, Cal., is to be sold. It is preferred that this interest pass to a practical man who can devote his full time to the business. Cash to the amount of $2000 is required. The business is in good shape and can be largely developed. This is a splendid opportunity for the right man. The land controlled by the company is ideal soil for bulb growing. Plenty of water. Climate the best on the Pacific Coast. The property of the company has been examined by the editor of the Florists' Review and he has expressed the belief that there is a great future for the business.

Address

E. LEEDHAM,
SANTA CRUZ, CAL.

True Asparagus Plumosus Nanus Seed

$5.00 per 1000.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company
LOOMIS, CAL.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100, and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000
Queen Louise	$1.20	$10.00
Gov. Wolcott.	3.00	25.00
White Cloud..	1.00	9.00
Scarlet.		
America.....	1.00	9.00

Pink.	100	1000
Marquis.....	$1.00	$9.00
Mrs. Joost...	1.20	10.00
Variegated.		
Armazindy...	0.85	17.00
Prosperity...	1.40	2.50

LOOMIS CARNATION CO.
Lock Box 115. LOOMIS, CAL.

CALIFORNIA SEEDS.

Shasta Daisy—75c per 1000 seeds, $6.50 per 10,000. **Geranium**—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz. **Smilax**—$2.00 per lb. **Ipomœa**—"Heavenly Blue" 40c oz., $3.50 per lb. **Cyperus Alternifolius**—25c pkt., $1.00 per oz. **Alsophylla Australis**—(Australian Tree Fern) 50c pkt., $7.50 oz. **Apple Geranium**—75c per 1000 seeds. **Asparagus Sprengeri**—50c per 1000 seeds. **Erythea Edulis**—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1.50 per 1000 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co., Ventura, Cal.
Mention The Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.
LOOMIS, CAL.
Mention The Review when you write.

Violet Plants....

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.
E. J. VAWTER, President. **Ocean Park, Cal.**

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

The Louisville & Nashville railroad is planting sixty acres of catalpas near Jacksonville, Fla., for tie timber. The stock was brought from Dakota.

D. G. Wiegand Bruss, of the Boskoop, Holland, nursery firm of Vander Weijden & Co., is visiting the trade in the middle west, being at Chicago April 16.

Many nurserymen complain that it is impossible to procure labor sufficient to get out all the orders they have on hand unless the planting season is of unusual length.

The Chicago Tree Planting Society has discovered that Chicago has 1,100 miles of treeless streets and will start a campaign for tree planting. O. C. Simonds is president and E. A. Kanst vice-president.

It is a unanimous report that nurserymen are doing a rapidly increasing business in hardy herbaceous plants. Last year was far ahead of the one before and this year promises to eclipse all records in this department.

At J. H. Hale's South Glastonbury, Conn., nursery and orchard it is stated that many peach trees on low land are killed by the winter. The damage at the Seymour place was much less and at the Georgia place prospects could hardly be better.

N. W. Hale, president of the American Association of Nurserymen, was nominated for congress in the Knoxville, Tenn., district, March 5. His election should be of material assistance to the trade in the matter of the national legislation it has sought for so many years.

There is a growing demand for evergreens for planting on the smaller private estates.

There is a good demand for Catalpa Bungei for formal work and many single specimens are planted for the oddity.

A timely suggestion often results in profitable orders. Call your customer's attention to the ease with which the cow-barn or other unsightly object may be made a thing of beauty all summer by the planting of a few inexpensive, quick growing ampelopsis.

BARGAINS!

WE QUOTE YOU

	¾-in.	⅝-in.	½-in.	3½ ft.
Apple, 52 varieties....	3½c	3 c	2 c	
Peach, 32 varieties....	4½c	4 c	3½c	2½c
Pear, Std., 14 varieties.	10 c	9 c		
Pear, Dwf., 8 varieties.	5½c	4½c	4 c	
Cherry, 7 varieties....	18 c	16 c	14 c	
Apricot. 6 varieties...	10 c	8 c		
Plum, 10 varieties.....	24 c	20 c	14 c	

Blackberry, 6 varieties, first-class, root-cutting plants.....1 c
Currants, 7 varieties, first-class, 2-year plants.....5 c
Shrubs, 15 sorts, 2 feet.....6½c
Shrubs, leading sorts, 3 to 4 feet.....8 c

SHADE AND ORNAMENTAL TREES

	¾ to 1-in.	1-in.	1½-in.	2-in.	3-in.
Car, Poplar, 1st class.	9c	15c	20c	30c	40c
Soft Maple, 1st class..	7c	9c	12c	20c	35c
Elm Americ'n, 1st class	10c	14c	20c	30c	
Hard Maple, 1st class.	20c	35c			
Willow, assorted.....	18c	22c			
Boxelder.....	12c	14c	18c		
Catalpa Spec.....	12c	14c	20c		

SHRUBS, ETC.

	2 feet.		3 to 4 ft.	
Syringa, Garland.....	500	5c.....	600	9c
Spiraea, Bill.....	500	5c.....	700	9c
" Van Houttei.....	600	6c	1000	12c
Lilac, purple.....	400	5c.....	400	8c
Weigelia, V. L.....	190	9c		
Barberry, purple.....	600	3c.....	700	5c
Fringe, purple.....	450	5c.....	400	8c
Hydrangea, P. G.....			800	8c
Althea, assorted.....			1000	7c
Yucca.....			400	4c

5 Through Trunk R. R. Lines from Springfield, Ill.

Free Boxing for cash before shipment and at cost if payment by May 15th. Certificate from Entomologist on each shipment. Can ship quick.

Yours sincerely,

SPAULDING NURSERY AND ORCHARD COMPANY

NEAR SPRINGFIELD. SPAULDING, ILL.

Mention The Review when you write.

CALIFORNIA PRIVET

	Per 1000
200,000 2 years, 2 to 2½ feet, very bushy.....	$20.00
150,000 2 " 18 to 24 ins., " "	16.00
100,000 2 " 12 to 18 " " "	10.00
200,000 1 year 12 to 18 " branched.....	9.00
200,000 1 " 10 to 12 " "	7.00
100,000 Cuttings, 8 ins., strong.....	.80
100,000 " 8 " light.....	.60

Also have 10,000 Canna Roots in ten leading varieties from 75c to $1.25 per 100. 2000 Double Grant Geraniums, from 2½-inch pots, $2.00 per 100. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

EVERGREENS

View of one of our blocks of Evergreens.

The **GLENWOOD NURSERIES** offer the finest trees, both **Evergreen and Deciduous; Flowering Shrubs and Vines** of all sizes in general assortment.

Root-Pruned SPECIMEN EVERGREENS,

Also SMALLER ONES for lining out are a special feature at our nurseries.

SEND LIST OF WANTS FOR ESTIMATES.
New Trade List for the asking.
We invite you to visit our Nurseries.

THE WM. H. MOON CO.

60 miles from New York.
30 miles from Philadelphia.

MORRISVILLE, PA.

Hardy Roses

2-year-old bushes, all leading varieties, $11 per 100; $100 per 1000.

ASPARAGUS PLUMOSUS NANUS Seed, greenhouse grown, 75c per 100; $6.00 per 1000.

FRESH CYCAS STEMS, 1-6 lbs. each.....$8.00 per 100 lbs; 300 lbs. for $21.00.

Arthur T. Boddington, 35 Warren St., New York.

Mention The Review when you write.

— SPECIAL OFFER —

Lilies=Clematis

Lilium Auratum bulbs, sound and in prime condition

	Per 100	1000
Good sized bulbs.....	$5.00	$45.00
Large bulbs.....	6.00	50.00

Clematis Home-grown plants in good condition.

	Per 100
Jackmani, 2 years old, medium.....	$12.00
" 1 year old, medium.....	8.00
Henryi, 2 years old, medium.....	14.00
" 1 year old, medium.....	10.00
Mme. Ed. Andre, 2 years old, medium...	14.00
" " 1 year old, medium....	10.00

Want 200 Plants Kumquat Orange.

V. H. Hallock & Son, Queens, N. Y.

Mention The Review when you write.

50,000 ALTERNANTHERAS

red and yellow, from 2-inch pots, at $1.50 per 100; R. C. 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book,** containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention The Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.

For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write.

Samuel S. Pennock, WHOLESALE FLORIST

The Newest Ribbons and Florists' Supplies,
SPECIALTIES FOR THIS MONTH:
Wheat Sheaves, Cycas Leaves,
Fresh Cape Flowers

Valley, Orchids, Wild Smilax.

1612 Ludlow Street, PHILADELPHIA.

Mention The Review when you write.

HIT BY HAIL.

A recent hail storm destroyed all the glass in our greenhouses and our crop of rose buds and carnation buds are slightly frozen. How may I manage the plants? F. W. R.

When buds have been badly frozen they are unlikely to develop properly, if at all, and should be removed from the plants as quickly as possible. The rose buds should be cut at the proper eye, just as if they were perfect, thus securing the best eyes for future crops. Carnations should also be picked with the same care as if they were perfect buds.

The cultural management should be guided by the extent of damage done to the plants. No forcing or feeding should be practiced until root action is again well established, which will be indicated by the breaking of eyes and the formation of new wood.

Above all give free ventilation, both by night and day, on every favorable occasion and keep the soil rather on the dry side. Use all precautions against mildew, as these checks are just the conditions that favor the germination and spreading of this pest.

I deeply sympathize with those of our brethren who were so unfortunate as to be situated in the path of the hail storms and floods, and as we happened to be among the number we fully realize the disappointment and loss. Ribes.

I have certainly been well pleased with the Review and would not like to be without it; I think every florist should take it.—C. L. Shanks, Newton, Kan.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

SITUATION WANTED—By young man to learn florist trade; age 20 years; strictly temperate; good health and willing to work. Address Chalmer Coblentz, New Madison, Ohio.

WANTED—Foreman for retail place of 20,000 ft. of glass; must be a man who understands his business; not an experimenter; give references and state salary expected. Address No. **114**, care Florists' Review, Chicago.

FOR SALE—A flower, seed and nursery business in a city of 100 000 inhabitants; good location; purchaser will have his money returned in a short time out of a good trade from a business established twenty years; reason for selling, owner has another business and cannot attend to two. Address J. Seulberger, 414 Fourteenth St., Oakland, California.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

WANTED—We have an opening for a capable rose grower for tea section. Poehlmann Bros. Company. Morton Grove, Ill.

WANTED—Working foreman to take charge of about 35,000 square feet of glass where roses and carnations are growing for cut flowers; must be up-to-date grower; my place is ten miles out of Pittsburg, Pa.; please state wages expected with board and washing; state age and how soon you could come. Address John L. Wyland, De Haven, Pa.

WANTED—A florist; good pay and good treatment. Address No. **117**, care Florists' Review, Chicago.

SITUATION WANTED—May 1, by young man capable of taking charge of store; good salesman and designer; references. Address No. **115**, care Florists' Review, Chicago.

WANTED—A competent rose and carnation grower by June 1. Address Tonseth Bros., Mt. Tabor, Portland, Ore.

FOR SALE—12,000 feet of glass; good house and barn, horses, delivery wagons and tools; houses recently built and well stocked for plant and cut flower trade; home demand for more than can raise; $1,500 cash, balance on long time; well worth $1 000 more; if taken soon spring trade will pay $1,000 on purchase price. For particulars address No. **118**, care Florists' Review, Chicago.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered. Address No. **119**, care Florists' Review, Chicago.

SITUATION WANTED—(May 15); German, married, aged 38; florist, landscape gardener, grower, designer, etc.; best references; charge of retail or private place within 150 miles of New York preferred. Braun, Box 54, Spencer, Mass.

WANTED—A man who thoroughly understands burning flower pots, competent to take full charge, or willing to go into the business. Apply to D. Rusconi, 32 West 6th street, Cincinnati, Ohio.

WANTED—Rose grower with experience; apply stating amount of wages wanted, also experience and with whom formerly employed; when disengaged, etc. Address J. A. Peterson, McHenry ave., Westwood, Cincinnati, Ohio.

WANTED—To rent, 15,000 to 25,000 square feet of glass in good condition on or before June 1st. Address No. **107**, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant of 40,000 square feet of glass; 2 acres; must sell; have other business; write for particulars. Address No. **106**, care Florists' Review, Chicago.

WANTED—A florist, who can grow carnations, roses, mums and a general line of plants; a steady job to the right man; wages $55 00 per month. Address No. **102**, care Florists' Review, Chicago.

WANTED—To rent, with privilege of buying a well established greenhouse in good running order May 1st; about 15,000 or 20 000 sq. feet of glass; well stocked; only well stocked place need answer. Address No. **103**, care Florists' Review, Chicago.

WANTED—Sober, reliable man, able to take charge; retail place; 5,000 feet, roses, carnations and budding plants; steady place for a good man; state wages expected with board and room. Address Murphysboro Greenhouses, Murphysboro, Illinois.

FOR SALE—Greenhouse property, consisting of 4 70-ft. houses with windmill, water tank, steam pump, boilers, etc., house, barn and plenty of shed room, also long time lease on 6 acres of good land, 2½ acres of which is in fancy asparagus; located on the Pan-Handle Railroad, 2 miles from Harvey, 2½ miles from Hammond, 4 miles from Pullman and alongside of a large cemetery; in good running order. Address Chas. Milhahn, Dolton Station, Ill.

FOR SALE—275 boxes, 16x18, double strength glass, part A and part B, cheaper than can be had anywhere in the market; this is strictly new glass; write at once for terms. Address No. **109**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a grower of twenty years' experience; best of references; married; good worker; steady habits. Address Chas. Duerr, Morton Grove Greenhouses, Morton Grove, Ill.

WANTED—At once, two first-class growers for roses and carnations, under foreman; none but good, steady men need apply. G. Van Bochove & Bro., Kalamazoo, Mich.

FOR SALE—New duplicating sales ticket machine; most approved pattern. For full particulars, address No. **110**, care Florists' Review, Chicago.

FOR SALE—Hot air pumping engine; safest machine made; used by many florists. For full particulars as to capacity and price, forward your address to No. **111**, care Florists' Review, Chicago.

SITUATION WANTED—By a good all around man; Missouri or Illinois preferred; best of references; state wages. Address No. **100**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—Account of health of owner, The Florence Greenhouses; completely stocked; hot water heat; doing good business; price $1,000, worth $3,000. Address Templin & Co., Florence, Colorado.

For Sale. Modern Cypress and Red Cedar Greenhouses

Of about 1500 sq. ft.; erected in 1903; equipped with Chicago Ventilator Lifters; city water; well stocked; doing a good business; only greenhouse within 35 miles. A rare bargain and an excellent opportunity. Address—

H. H. COTTON, Nebraska City, Neb.

FOR SALE.

To be removed—11 Greenhouses, complete or in parts to suit, ample time for removal, consisting of 7 000 ft. 4-inch cast iron and 2-inch and 1¼-inch wrought iron; 5,000 sash, 10x12 glass double thick; 4 No. 16 and 2 No. 17 Hitchings boilers, and 1 steam boiler; 300 boxes 12x16 French double thick glass, $2.30 per box. All in very good condition. Address

H. HOWARD, Hawley's Estate, Babylon, L. I.

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. Valentine,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL

By William Scott.

A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.

LEO NIESSEN.

Spring Weddings...
LILIES, VALLEY, BEAUTIES,
SWEET PEAS, WILD SMILAX

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Mention the Review when you write.

Charles F. Edgar & Co.

ROSES and CARNATIONS.

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROOTED Carnation Cuttings.
Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 per 1000.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Wholesale Florists,

1220 Filbert Street, Bell and Keystone Telephones. PHILADELPHIA.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100, $6.00-8.00	

	Per 100
CHATENAY, extra select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, extra select	10.00 to 15.00
" medium	6.00 to 8.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Wholesale Cut Flower Prices.

Philadelphia, April 20.

	Per doz.
Beauties, Specials	$3.00 to 4.00
" Extra	2.00 to 2 50
" No. 1	1.50
" Shorts	.75 to 1.00
Queen of Edgely, Extra	2.00 to 2.50
" " No. 2	1.50
" " Shorts	.75 to 1.00

	Per 100
Bride and Bridesmaid, Specials	8.00 to 10.00
" " Extra	3 00 to 4.00
Golden Gate, Firsts	6 00 to 8.00
" Seconds	3.00 to 4.00
Jacqueminot, Firsts	8 00 to 12.00
" Seconds	3 00 to 5.00
Kaiserin Firsts	6.00 to 8.00
" Seconds	3 00 to 4 00
Perle	3.00 to 5.00
Sunrise	3.00 to 6.00
Liberty, Specials	18.00 to 25.00
" Extra	8.00 to 12.50
" Short	3.00 to 6.00
Ivory, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Carnations, Commons	1.00 to 1.50
" Selected	2 00 to 2 50
" Novelties	4 00 to 5 00
Orchids, Coelogynes	12 00 to 18 00
" Dendrobium	10.00 to 40 00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " sprays	35 00 to 50.00
Callas	6.00 to 10.00
Daffodils	1 00 to 1.50
Daisies	.50 to 1.00
Lilac	$1.00 per doz.
Lilium Harrisii	3 00 to 8.00
Lily of the Valley	2.00 to 4.00
Smilax	15.00 to 20 00
Sweet Peas	.50 to .75
Tulips	2.00 to 3.00

BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

EDWARD REID,

WHOLESALE FLORIST.

EVERY VARIETY OF SEASONABLE **SPRING FLOWERS**

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Brides, Carnations, Sweet Peas.

1432 South Penn Square, Philadelphia.

Mention the Review when you write.

Arriving Daily

CHOICE

JONQUILS and NARCISSI

IN FINE VARIETY.

(OUT-DOOR GROWN)

30c to 50c per 100.

Tens of thousands of these are sold daily by Chicago retailers. They go like "hot cakes."

Just the thing to attract attention to your show window.

Try a sample 500 shipment. We guarantee arrival in good condition.

E. F. Winterson Co.

E. F. Winterson. J. P. Degnan. L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave. CHICAGO.

Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

Established 1891.

GEO. E. BRADSHAW

Wholesale Florist,

53 West 28th Street, NEW YORK.
Tel. 1239 Madison Square.

Consignments Solicited.
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JAMES McMANUS,

Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**

My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

Mention the Review when you write.

WALTER F. SHERIDAN,

Wholesale Commission Dealer in

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39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**

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WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.

OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention the Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

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Tel. 854 Madison Sq.,

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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WHOLESALE FLORISTS

Coogan Bldg., 55-57 W. 26th St., NEW YORK
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Shipping orders receive prompt attention.

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Geo. Saltford

WHOLESALE FLORIST,

48 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, April 18.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 6.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate	2.00 to 8.00
Liberty	5.00 to 20.00
Meteor	2.00 to 4.00
Orchids, Cattleyas	40.00 to 50.00
Carnations, Common	.50 to 1.00
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
" Novelties	3.00 to 4.00
Adiantum Cuneatum	.50 to .75
" Croweanum	1.50
Callas	3.00 to 4.00
Daisies	1.00 to 2.00
Hyacinths, Roman	.50
Lilac	.75 to 1.00
Lilium Harrisii	3.00 to 4.00
Lily of the Valley	1.00 to 3.00
Mignonette	.50 to 5.00
Narcissus	.50
Smilax	8.00 to 12.00
Sweet Peas	.50 to 1.25
Tulips	.50 to 1.50
Violets	.10 to .50

THE REVIEW is a ray of light, a morning sun to the progressive florist.—J. R. ELDER, Sioux City, Iowa.

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

LAUREL FESTOONING and SOUTHERN SMILAX

No. 1 quality laurel festooning, made all round and full and the best made; fresh from the woods. 4c, 5c and 6c per yard. 50-lb. case finest Smilax ever sold, only $6.00. Fancy Ferns, $2.00 per 1000. Dagger Ferns, $1.50 per 1000. A1 stock Bronze and Green Galax, 75c per 100; discount on 10,000 lots. Send us your orders and get the best to be had at bottom prices and fresh from the woods. Satisfaction guaranteed.

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Long distance telephone connections.
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Tel. 1905 Madison Square.

ORCHIDS. CATTLEYA TRIANÆ and all other choice orchids in season.

Everything in Cut Flowers—the best in the market

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Cattleyas, Gardenias, Violets, Roses, Carnations and all seasonable novelties. We are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Mention the Review when you write.

TEL. 756-MADISON.

NEW YORK CUT FLOWER CO.

GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.

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VALLEY, FARLEYENSE, CARNATIONS

Shipped at New York Prices

ALFRED H. LANGJAHR,

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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

ESTABLISHED 1872.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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Wholesale Florist.

☞ Special conveniences for both Wholesalers and Retailers this season. None better in the country.

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Telephone 1738 Madison.

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CUT FLOWER EXCHANGE.

Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a.m. to 5:00 p.m. Everything for the Florist in Seasonable Flowers all the year around.

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CUT FLOWERS

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Violets and Carnations our specialties. Telephone No. 299 Madison Sq.

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QUEENS, - L. I., N. Y.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, April 20.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	6.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	10.00
" " " Extra	6.00 to 8.00
" " " No. 1	3.00 to 5.00
" " " No. 2	1.50 to 2.50
Cusin	3.00 to 6.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 8.00
Ulrich Brunner	6.00 to 12.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 3.00
" Spengeri "	2.00 to 3.00
Callas	6.00 to 8.00
Daffodils	2.00 to 3.00
Daisies	.75 to 2.00
Freesia	2.00 to 3.00
Gladiolus	10.00 to 12.00
Lilac	1.00 to 1.25
Lilium Harrisii	3.00 to 8.00
Lily of the Valley	3.00 to 4.00
Mignonette	1.00 to 3.00
Narcissus	2.00 to 3.00
Pansies	.50 to 1.00
Smilax	20.00 to 25.00
Spanish Iris	8.00
Sweet Peas	.50 to 1.00
Candy Tuft	2.00
Tulips	1.00 to 3.00
Violets	.50 to .75

THE REVIEW is all right.—VICK & HILL Co., Rochester, N. Y.

WE cannot afford to do without the REVIEW.—G. M. THOST, De Soto, Mo.

YOUR paper is the only paper.—J. SANDSTROM, Momence, Ill.

MOVE YOUR SURPLUS.

Please discontinue the advertisement of Mt. Blanc cannas; have sold the lot through the first insertion in the REVIEW. Will want to move some other stock a little later. EDWARD HARRIS.

W. J. & M. S. VESEY, FORT WAYNE, INDIANA.

CUT FLOWERS—Roses ...5, 6, 8 and 10c
Carnations ..... 2, 3 and 4c
Calla Lilies ..... 10 and 12½c
Harrisii 12½c
Sweet Peas 40c

Orders filled on short notice, Cash or C.O.D.

Mention the Review when you write.

N. LECAKES & CO.

45 West 29th St., NEW YORK

Tel. No. 1214 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

JOHN I. RAYNOR,

49 West 28th St., NEW YORK.

Telephone 1998 Madison Square.

Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE

38 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED.

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111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

CUT ROSES Direct from the... GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

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For SOUTHERN WILD SMILAX

(Where Quality Is First Consideration.) Write, Wire or Phone the Introducers.

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents:—J. B. Deamud, Chicago, Ill.; W. F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Mention The Review when you write.

CARNATION CUTTINGS

STILL UNSOLD.

Mrs. Joost, Flora Hill, Gen. Gomez, fine, healthy stock at $1.50 per 100; $12.50 per 1000.

A good line of Geraniums in 2 and 3-inch pots at $2.50 and $5.00 per 100.

D. Petunia, Vincas, Heliotrope, Salvia, etc. Coleus—Verschaffeltii, Firebrand, Golden Bedder. Chrysanthemum Cuttings, etc.

C. W. BLATCHLEY,

PLANTSVILLE, CONN.

Wholesale Cut Flower Prices.

Chicago, April 20

		Per doz.
Beauties, 36-inch stems		$4.00
" 30 "		3.00
" 24 "		2.50
" 20 "		2.00
" 15 "		1.50
" 12 "		1.00
" Shorts	per 100	$4.00 to 6.00
		Per 100
Bridesmaids, Specials		$6.00 to $ 8.00
" Firsts		3.00 to 5.00
Brides Specials		6.00 to 8.00
" Firsts		3.00 to 5.00
Liberty, Specials		10.00 to 15.00
" Firsts		6.00 to 8.00
" Seconds		5.00
Golden Gate, Firsts		6.00 to 8.00
" Seconds		3.00 to 5.00
Meteor, Firsts		6.00 to 8.00
" Seconds		4.00 to 5.00
Mme. Chatenay, Firsts		8.00 to 10.00
" Seconds		4.00 to 6.00
Ivory, Firsts		6.00 to 8.00
" Seconds		4.00 to 5.00
Sunrise, Firsts		8.00
" Seconds		3.00 to 6.00
Perles, Firsts		6.00 to 8.00
" Seconds		4.00 to 5.00
La France		6.00 to 8.00
Kaiserin		6.00 to 8.00
Carnations, Fancy		3.00 to 4.00
" Common		1.50 to 2.00
Violets		.50 to .75
Sweet Peas		1.00
Easter lilies, $1.00 to $1 50 per doz.		
Callas, $1.25 per doz.		
Valley		2.00 to 4.00
Asparagus strings		40.00 to 50.00
" sprays	per bunch	.35 to .50
" sprengeri		3.00 to 8.00
Smilax	per dozen	3.00
Ferns	per 1000	4.00

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

WE are sold out of asparagus seed and will have to return orders unfilled. The REVIEW does the business.—WONSETLER GREENHOUSES, Bryan, O.

PROMPT RETURNS.

ED. FLORISTS' REVIEW.—There is an old saying, "Honor to whom honor is due," and we desire to give credit where it is due, and when. Our advertisement in your Special spring number has already (March 26) brought in several orders and we desire to express our appreciation of the "get-up" of the advertisement, which is most artistic and catchy.

N. LECAKES & Co.

G. STERN,
Manufacturer of
Wax Flowers,
416 West Chicago Ave., CHICAGO, ILL.
STAND IN FLOWER GROWERS' MARKET, 60 WABASH AVE.
Mention The Review when you write.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of Cut Flowers.
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

GARDENIAS, SWEET PEAS. A FULL LINE OF Spring Flowers

WRITE FOR PRICES TO

The Philadelphia Wholesale Flower Market, 1228 Cherry St. Philadelphia

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Wholesale Cut Flower Prices.

Cincinnati, April 20.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2	2.00 to	3.00
Cusin	2.00 to	6.00
Golden Gate	2.00 to	6.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	10.00
Meteor	2.00 to	6.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.50
" Selects	2.00 to	2.50
" Fancies	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings	50.00 to	60.00
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	6.00 to	10.00
Daffodils	2.00 to	3.00
Hyacinths	2.00 to	3.00
Lilium Longiflorum	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Narcissus	2.00 to	3.00
Pansies		.50
Smilax	15.00 to	20.00
Sweet Peas	.50 to	.75
Tulips	2.00 to	3.00
Violets	.35 to	.75

WANTS TO SEE THE ADVS.

Enclosed find money order for subscription to the FLORISTS' REVIEW. Please send as soon as possible, for we want to see the advertisements for some stock. J. C. GARDEN & SONS.

APPRECIATION.

From Massachusetts:—"Would not know how to get along without the REVIEW, as it contains much valuable information every issue."

From Ontario:—"We are much pleased with the REVIEW and would not care to do without it."

From New York:—"I am much pleased with your interesting paper; it is all anyone could wish for."

From Nebraska:—"The REVIEW has become indispensable to us."

From Kansas:—"The recent article on propagating hardy roses is worth a year's subscription to the average nurseryman."

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots or over. **Southern Smilax**—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. **Leucothoe Sprays**—Green, $1.00 per 100; $7.50 per 1000. **Green Sheet Moss**—$2.50 per bbl. sack. **Dagger Ferns**—$1.25 per 1000.

All Kinds Florists' Supplies.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. New York

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980 M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, April 20.

		Per doz
Beauties, Specials	$3.00 to	$4.00
" Extra	2.00 to	2.50
" No. 1	1.00 to	1.50
" Shorts	.60 to	.75
		Per 100
Brides and Maids, Specials	6.00 to	8.00
" " Extra	4.00 to	5.00
" " No. 1	2.00 to	3.00
Carnot	6.00 to	8.00
Golden Gate	5.00 to	8.00
Kaiserin	5.00 to	8.00
Liberty	3.00 to	5.00
Meteor	3.00 to	6.00
Perle	3.00 to	4.00
Sunrise	3.00 to	4.00
Carnations, Common	2.00 to	2.50
" Selects	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Callas	8.00 to	10.00
Daffodils	2.00 to	3.00
Hyacinths	2.00 to	4.00
Lilium Harrisii	8.00 to	12.00
Smilax	15.00 to	18.00
Sweet Peas	.50 to	.75
Tulips	2.00 to	4.00
Violets	.25 to	.50

WE are great admirers of the REVIEW.—H. O. HANNAH, Sherman, Tex.

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants TO ADVANTAGE.

Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Enrope. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Jable Address: ALEXCONNELL. WESTERN UNION CODE.
Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....
CHICAGO
WILL BE FILLED BY
P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.
1224 F Street, Northwest,
Washington, - D. C.

The J. M. Gasser Company,
EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR
RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

M. WEILAND,
602 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

WM. SCOTT CO.
Main and Balcom Sts.
Buffalo, N. Y.

J. J. Beneke,
1220 Olive Street. ST. LOUIS, MO.

Shibeley The Florist,
311 SUTTER ST., SAN FRANCISCO, CAL.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittaburg and vicinity

M. A. Bowe
1294 BROADWAY,
IN THE HEART OF
New York City
TEL. 2270 38TH ST.
OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons
2139-2141 Broadway,
Tel. 192 Riverside,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

ORDERS FOR Los Angeles and Southern California
will be filled by
E. J. VAWTER,
GROWER and DEALER,
522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.
Providence, Newport, and adjacent New England Cities.
T. J. Johnston,
171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,
116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

A. WIEGAND & SONS,
FLORISTS,
1610 to 1620 N. Illinois St., Indianapolis, Ind.

Always Mention the....
Florists' Review
When Writing Advertisers.

FRED C. WEBER,
FLORIST,
4326-28 Olive Street, St. Louis, Mo.
ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

HUGH GRAHAM,
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

The Park Floral Co.
J. A. VALENTINE, Pres. DENVER, Colo

Orders for Chicago and Vicinity
WILL BE FILLED BY
A. LANGE,
Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL or MINNEAPOLIS.

WILLIAM L. ROCK,
FLORIST,
1116 Walnut St., Kansas City, Mo.

Clarke Bros.
PORTLAND, ORE.

RETAIL FLORISTS.
(CONTINUED.)

C. B. Flick Floral Co.
FORT WAYNE, IND.

Extra Fine CARNATIONS in leading varieties. DOUBLE VIOLETS, JUNE DAFFODILS and EASTER LILIES. DESIGNS ON SHORT NOTICE. Write or Telephone.

Mrs. Chas. Eickholt,
2319 AVENUE M. Galveston, Tex.

S. B. Stewart,
119 No. 16th Street, OMAHA, NEB.

CARNATIONS!
COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink. Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.
C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

TORONTO.

The Market.

Weather this last week has certainly been against the development of flowers, as well as against the sale of them, having had nine inches of snow on April 15, and decidedly cold weather preceding and following it. This has had the effect of making both supply and demand very erratic. The development of outdoor stock has been retarded so that, where at this time of year we are usually cutting outdoor tulips, we now scarcely see a peep of them showing above ground yet. Indoor bulb stock has been scarce since Easter and the demand for roses and carnations has been keener on that account, which fortunately have been quite equal to it. At the time of writing, many of our retail men are making preparations for some big weddings and this will clean up considerable stock.

Various Notes.

The Georgetown Floral Company, who were frozen out after Christmas, are again cutting some very fair roses. Their carnation plants were completely ruined.

The hail storm which visited this locality two weeks ago did considerable damage to the greenhouses in this vicinity. Miller & Sons, at Bracondale, had their chimney struck by lightning, which accompanied the storm, this being the second time this winter. However, no serious damage was done.

We had a visit during the week from W. H. Kellem, proprietor of Nova Scotia Nursery Company, Halifax, N. S. It was his first trip to these parts and he unfortunately arrived with the snowstorm. D. J.

Rooted Carnation Cuttings.
TO MAKE ROOM -- Special low price.

On FLORA HILL and GUARDIAN ANGEL, Stock Best Quality, $8.00 per 1000.

PINK.	100	1000
Mrs. Lawson	$2.00	$17.50
Mrs. Nelson	2.00	18.00
Guardian Angel	1.00	8.00
Dorothy	1.50	12.50
Mrs. Joost	1.00	8.00
WHITE.		
Flora Hill	$1.00	$8.00
White Cloud	1.25	10.00
Queen Louise	1.25	12.00

RED.	100	1000
G. H. Crane	$2.00	$18.00
America	2.00	18.00
Mrs. Palmer	2.00	18.00
LIGHT PINK.		
Higinbotham	2.00	18.00
VARIEGATED.		
Prosperity	2.00	18.00

ROOTED ROSE CUTTINGS.

Bride	$1.50 per 100; $12.50 per 1000	Golden Gate	$1.50 per 100; $12.50 per 1000
Maid	1.50 " 12.50 "	Ivory	1.50 " 12.50 "

ROSE PLANTS, 2-inch Pots.

Bridesmaids	$3.00 per 100; $25.00 per 1000	Perle	$3.00 per 100; $25.00 per 1000
Brides	3.00 " 25.00 "	Golden Gate	2.50 " 20.00 "
Ivory	$2.50 per 100; $20.00 per 1000.		

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

BELLEVILLE, ILL.

The Democrat, of this place, prints the following under date of April 15:

James Gurney, the general superintendent of Tower Grove park and Shaw's Garden, in St. Louis, and Phillip Goble, the foreman of the propagation department of Tower Grove park and Shaw's Garden, were in this city on Wednesday, visiting Dr. A. S. Halstedt, of the St. Clair Floral Company. This was the first time that Mr. Gurney ever visited Belleville and he was very well pleased with the city and promised to renew his visits from time to time during the summer.

The two gentlemen came here on invitation of Dr. Halstedt to visit the greenhouses of the St. Clair Floral Co., and before leaving stated that they were well pleased with the trip. While here Mr. Gurney, who has been a botanical student from childhood up, and who since a boy has been connected with Shaw's Garden, one of the most famous botanical gardens in the country, commended Dr. Halstedt on the wonderful varieties of original seedling geraniums. The St. Clair Floral Co. has fifty-three varieties of geraniums, which were cross-fertilized in the company's greenhouses here. It is the intention of the company to exhibit three of the seedling geranium varieties at the World's Fair. When Mr. Gurney learned of this he advised Dr. Halstedt to give up the idea of exhibiting the plants, stating that the plants are worth thousands of dollars, and that the same should be carefully tended and watched. Dr. Halstedt is now considering whether to exhibit the plants, or leave the same in the greenhouses. Mr. Gurney was very loud in his praise of the St. Clair Floral Co. and predicted great success for the same.

NASHVILLE, TENN.—A farmer named Tygritt lost a turkey from a load while driving to town; it was found by an employe of C. J. Burdell, the florist. The farmer had the florist indicted by the grand jury for the theft of the bird, but the indictment was quashed when it was found he had nothing to do with the case.

ANDERSON, IND.—The four greenhouses of B. H. Klus & Sons were destroyed by fire April 14. The loss was about $2,000.

JOLIET, ILL.—The employes of the Chicago Carnation Co. gave a very successful entertainment and dance on the evening of April 9.

DAVENPORT, IA.—The Tri-City Florists' Association met April 14 and elected three new members. The next meeting will be held May 12 at Rock Island, Ill. John T. Temple is president.

ST. LOUIS, MO.—Wm. Kalisch & Sons have the large contracts for the planting around the Chinese pavilion and India building at the World's Fair. Their store business is the best they ever had.

DES MOINES, IA.—The Morris Cut Flower Co. has been incorporated with a capital stock of $10,000. W. L. Morris is named as president and treasurer and M. M. Morris as vice-president and secretary.

CADILLAC, MICH.—W. A. Tweedie reports 16 degrees above zero April 18. Over a foot of snow fell April 15 and the ground is still covered. A year ago we had July temperature and the ground was dry and dusty.

WHEELING, W. VA.—The seven greenhouses of the Wheeling Greenhouse Co. have been sold to John Dieckmann, its manager, who took possession April 12. Mr. Dieckmann retains his interest in the store business, where Miss Clara P. Forbes is in charge.

PETOSKEY, MICH.—S. J. Long says Easter trade was all that could be desired, carnations, lilies and violets taking the lead. Saturday and Sunday were ideal days for delivering and kept us busy until Sunday noon. Everything cleaned up, even inferior stock went, except a few lilies which did not open readily. Sales were twenty per cent better than previous years.

W. J. & M. S. VESEY,
FLORISTS,
GROWERS OF PLANTS AND CUT FLOWERS.

Fort Wayne, Ind., April 18, 1904.

Florists' Review,
Chicago, Ill.

Gentlemen:—Our advertisements in the Review have been very successful, so much so that we are sold out of cuttings and plants for the present. But we want to hold the yearly rate, so you may insert the enclosed cut flower advertisement in a one-inch space. Respectfully,

W. J. & M. S. VESEY.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

It having been shown that a rose is already in existence bearing the name of Enchantress, announcement is now made that the name Enchanter has been given to the variety registered as Enchantress by John Cook, of Baltimore. Dealers are urgently requested to make the necessary change in their trade announcements and catalogues that confusion may be avoided.

Wm. J. Stewart, Sec'y.

North Adams, Mass.—Easter trade was good with all the florists, everything selling out cleanly. Azaleas were in good demand and sold at from $1.50 to $6 each, roses at $2 to $3 per dozen, lilies 25 cents per flower and carnations 75 cents to $1 per dozen. A. J. Schmutz reports fine business and a good crop of lilies and carnations, with azaleas in fine shape. F. H. Pratt sold about everything there was in flower. His lilies could hardly have been better. The local dealers now have their houses full of spring stock coming on in nice shape. Geo. H. Phelps, of Blackinton, has been suffering for a long time with an abscess and underwent an operation at the City Hospital recently. He is now convalescing.

For Summer Blooming.

25,000 MRS. FISCHER,
$20 per 1000.

25,000 WILLIAM SCOTT,
$15 per 1000.

Strong, healthy plants from soil.
We guarantee satisfaction.

LEO NIESSEN,
1217 Arch St., Philadelphia.

ROSES From 2½-inch pots.

1,000 Golden Gate, 1,000 Ivory, a few Bride and Maid. Fine stock, free from disease at $2.25 per 100; $20.00 per 1000. Guarantee stock all O. K.

FOSTORIA FLORAL COMPANY,
Fostoria, Ohio.

A. W. SMITH'S
HYBRID MOON VINES
Ipomoea Noctiflora
2½-inch pots ..... $5.00 per 100
GODFREY ASCHMANN,
1012 Ontaria St., Philadelphia, Pa.
Mention The Review when you write.

American Beauties.

FINE STOCK, from 2½-inch pots, $5.00 per 100.
CUT ROSES of AMERICAN BEAUTY and all kinds of TEA ROSES at lowest prices.
Trial orders solicited.

HELLER BROS. (SOUTH PARK FLORAL CO.) **New Castle, Ind.**

Mention The Review when you write.

ROSE PLANTS Strong Stock from 2½-inch pots.

	Per 100	1000
UNCLE JOHN	$20.00	$150.00
Mme. Chatenay	6.00	50.00
Sunrise	5.00	40.00
AMERICAN BEAUTY	6.00	50.00
Liberty	$5.00	$40.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00
Sunrise (two years old)	$8.00	$70.00
Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal**, for next season.
Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

NEW ROSES CARDINAL and ENCHANTER

CARDINAL—A robust grower with massive red flowers first class winter bloomer, perfectly hardy.

ENCHANTER—The most prolific winter bloomer, every shoot produces a flower of a beautiful Testout color; never gets off color.

Price of both varieties $30 00 per 100; $6.00 per dozen.
CASH WITH ORDER.

JOHN COOK, 318 N. Charles St., **Baltimore, Md.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
LA FRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$6 00	$50 00
KAISERIN	3 00	25 00
LIBERTY	5 00	40 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. LAWSON	$1 50	$12 50
MRS. E. A. NELSON	2 00	18 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN, ROOSEVELT	3 00	25 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
QUEEN LOUISE	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

CARNATION CUTTINGS!

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Joost	1.20	9 00
Lorna	1.50	12.00	Flora Hill	1.50	10.00
White Cloud	1.50	12.50	Mrs. P. Palmer	1.50	12.50
Queen Louise	1.50	12.50	Prosperity	2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3.50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12.00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Brides, 3-inch, extra choice	5.00	40.00
Bridesmaids, 3-inch, extra choice	5.00	40.00
Mme. Chatenay, 2½-inch pots	5.00	45.00
" " 3-inch pots	6.00	55 00

Above prices are cash with order.

JOHN BROD, Niles Center, Illinois.

Mention The Review when you write.

ROSES

We grow over 100,000 annually for the trade of the following varieties:

No.	Variety.	R. C.	2x2½ in.	2½x3 in.	3x3 in.
1	Meteors	$1.50	$2.50	$3.50	$5.00
2	Brides	1.50	2 50	3.50	5 00
3	Maids	1.50	2.50	3.50	5.00
4	Ivory	1.50	2.50	3.50	5.00
5	Golden Gate	1.50	2.50	3.50	5.00
6	Perles	2.00	3.00	4.00	6.00
7	La France	2.00	3.00	4.00	6.00
8	Kaiserin	2.00	3.00	4.00	6.00
9	Woottons	2.00	3.00	4.00	6.00
10	Belle Siebrecht	2.00	3.00	4.00	6.00
11	President Carnot	2.00	3.00	4.00	6.00
12	American Beauties	3.00	6.00	8.00	10.00
13	Liberty	5.00	6.00	8.00	10.00

Write—**GEO. A. KUHL, PEKIN, ILL.**

Mention The Review when you write.

ORCHIDS

Just arrived in perfect condition **Cattleya Mossiae,** Oncidium Papilia (Butterfly Orchid), Peristeria elata (Holy Ghost Orchid), Catasetuma in var., Cychuaches, Epidendrums, Stanhopea, Dendrobium Nobile, D. Densiflorum and D. Chrysanthum. Also a lot of Bulbs of Calanthe Veitchii for immediate delivery.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

A'ways mention the Florists' Review when writing advertisers.

Indianapolis!

WE HAVE a fine lot of young plants in two inch pots, ready to plant right in the field. If you have not purchased any of this variety, you had better get some of these plants now.

INDIANAPOLIS is bound to become the standard pink for commercial use, as it has size, stem, color, perfect calyx, and wonderful freedom. Has outbloomed and outsold all other varieties in this market the past winter. There will be a great demand for this variety next season.

Per dozen ..... **$ 2.50**
Per hundred **12.00**
Per thousand **100.00**

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

Am. Beauties PLANTS FROM 2-INCH

40,000 ready; clean healthy, first-class in every respect; $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

CARNATIONS.

Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

Rooted Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	1000		Per 100	1000
Queen Louise,	$2 00	$15.00	Genev'e Lord,	$2.00	$15.00
Lillian Pond,	5.00	40.00	Mrs. Bradt,	3.00	25.00
Flora Hill,	2.00	15.00	White Bradt,	6.00	50.00
Mrs. T. Lawson,	2.50	20.00	MacRichmond,	1.50	12.00
Mrs. Joost,	2.00	15.00	Estelle,	3.00	

I. H. MOSS, Govanstown, **BALTIMORE, Md.**

Mention The Review when you write.

WHO SAID SO, INDEED!

Ed. Review:—Please discontinue my Smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the Review don't pay? It could only be the one who never tried them.

Harvey B. Snow.

Camden, N. Y., April 14, 1904.

SOCIETY OF AMERICAN FLORISTS.

The undersigned committee would urge every reader of this paper to write to the member of congress for his district, asking him to support H. R. 7874, proposed by Mr. Henry, of Connecticut, for the establishment of a parcels post and for the insurance of all mail matter against loss or damage, which law, if passed, will prove of vast benefit not only to our profession, but to individuals and business people in all lines. Impress upon your representatives the fact that we, as taxpayers and business people, are the bone and sinew of this great Republic, and as such demand our share of the benefits to be derived from the passage of this bill.

Insist that as our representatives they are in duty bound to deliver us from the greed of certain corporations which have fed upon us for so long a time and which have shown by their underbidding the postoffice department on registered second-class matter that outside of this class they are exacting from the public a profit of from 150 to 175 per cent per year on the actual express investment, and in many cases are collecting charges which are from 300 to over 20,000 per cent of corresponding freight rates.

Unless this bill is passed the present postal regulations virtually protect this carrying monopoly in its excessive exactions and it is due to us who have contributed so patiently and so long to have our wishes considered in the passage of this bill.

Prompt action is necessary; therefore write at once to your congressman and also influence your business friends in other lines to do the same and our concerted efforts may be crowned with success. Signed,

H. M. Altick,
Elmer D. Smith,
Committee.

Pine Bluff, Ark.—The season continues very backward, the temperature being as low as 36 degrees April 16. April 15 there was a very heavy hail storm which cut up outdoor crops very badly but broke no greenhouse glass. The weather is so wet that nothing is growing.

FIRST-CLASS STOCK.

All extra strong 2-2½-in., $1.75 per 100; $16 00 per 1000. Begonia Vernon, red, white, pink and mixed. Verbena, mammoth. Lobelia, erecta and trailing. Petunia, finest single fringed. German Ivy. Ageratum, Blue Perfection. Salvia Splendens and Bonfire. Mme. Salleroi Geraniums. Coleus Golden Bedder, crimson. Verschaffeltii, red with yellow border and fancy mixed. Extra strong 3-in. stock, $3.00 per 100; $25 00 per 1000.

Salvias, Petunias, Mme. Salleroi and Rose Geraniums, Verbenas, Heliotropes and French Cannas, mixed and yellow and red separate. Geraniums in bud and bloom, strong 4-inch, $5.00 per 100. Double Grant, Nutt, Poitevine, Buchner, Le Soleil and Castellane. Cannas. French yellow, red and mixed, $5 00. Dracaena Indivisa, strong 5-inch, $2.00 per doz.; $15 00 per 100. Rudbeckia Golden Glow, strong field divisions, 75c per 100; $6.00 per 1000. Achillea The Pearl, $2.00 per 100. Cash please. All plants shipped at special rate.

WM. S. HERZOG, Morris Plains, N. J.

Mention the Review when you write.

CARNATIONS, 2½-inch, extra fine stock.

Gov. Wolcott Lillian Pond, Apollo, Harlowarden, $1.00 per 100. Prosperity, Roosevelt, Lorna, Higinbotham, Lawson, Mary Wood, White Cloud, Palmer, $3.00 per 100. Flora Hill, Joost, $2.50 per 100.

ROSES. Maids, Brides, Gates.....$30.00 per 1000; $3.50 per 100. Strictly No. 1 Stock.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3 00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2 00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2 50
Appleton	1.50	2.50

Yellow.	R. C. Per 100	2½-in. Per 100
E. D. Smith	1.50	2.50
Whilldin	1.50	2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3 00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	1.50	2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1 50	2.50
Maud Dean	1.75	3.00
Liger	2.00	3 00
Richardson	3.00	4 00
Xeno	2.00	3.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C.....$25.00 per 100

Two-year-old rose bushes from benches, Beauties, Maids, Brides. Prices on application. Large quantities.

HEADQUARTERS FOR FINEST CUT ROSES.

Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,

MORTON GROVE, COOK CO., ILL.

Mention The Review when you write.

VERBENAS.

We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.

Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

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Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in **May, June and July.** Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.

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Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35.00
S. T. Wright, magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5.00	35.00
F. A. Cobbold, mauve pink, fine	.50	5.00	35.00
W. R. Church, rosy crimson	.25	2.50	20.00
John Burton, fine late white	.50	5.00	35.00
Lord Hopetoun	.50	5.00	35.00

	100
Convention Hall	$8 00
Mlle. M. Liger	5 00
Yellow Eaton	5.00
Alice Byron	$8.00
A. J. Balfour	8.00

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100: Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4.00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

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Carnations from BLACK SOIL. Ready for out-door planting.

STRONG, HEALTHY PLANTS.

Mrs. Lawson	per 100,	$2.00;	per 1000,	$16.00
Crane	"	2.00	"	16.00
Guardian Angel	"	1.75	"	14.00
White Cloud	"	1.75	"	14 00
Flora Hill	"	1.75	"	14 00

Cash with order.

Olaf E. Sandberg, PETERSON AVENUE, near Robey Street.

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HYDRANGEA HORTENSIS ROSEA

FINEST INTRODUCTION of late years. Several awards in Europe. Identical color of Begonia Gloire de Lorraine; very free flowering. Elegant Easter pot plant.

2½-in. Pot Cuttings, well rooted, $6.00 per dozen; $45.00 per hundred.

Orders filled in strict rotation for immediate delivery.

Julius Roehrs

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Fine, strong 3-in. stock, ready to plant, $8.00 per 100. You will like this stock.

BOSTON FERNS.

Large Stock. Low Prices. Ready to Retail.

2½-inch	$ 4.00 per 100	5-inch	$25.00 per 100
3-inch	8.00 "	6-inch	40.00 "
4-inch	12.00 "		

Please note special low prices on smaller sizes.

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1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Alyssum, Giant and Dwarf Double...	40c	$2.00
Abutilon, in variety.....	40c	2.00
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Asparagus Sprengeri, 2½-in.....	50c	3.50
Baby Primrose, "Primula Forbesii".	40c	2.00
Hardy Pompon Chrysanthemums, Large flowering, or Aster var.....		3.00
Small flowering or Button var....		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties....per 1000, $15.00,	40c	2.00
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Dahlia Plants, in good variety.....	40c	2.00
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GERANIUMS...

$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Gen de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Miss Francea Perkins, Miss Kendall, Mme. Barney, Mme. Canovera, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

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Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR.	50c	3.00
Moonvines, blue.....	50c	3.00
Nymphaea Odorata Gigantea.....	60c	3.50
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50.....		2.00
Sedum, variegated.....	40c	2.00
Smilax.....per 1000, $15.00,		2.00
Strobilanthes Dyerianus.....	50c	2.50
Swainsona Alba.....	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated.....	40c	2.00
Tritoma Pfitzeri, 2½-inch pots.....	75c	4.00
" **Uvaria,** 2¼-inch pots.....	60c	2.50

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Our selection of four varieties, 1000 for $15.00.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and HOLT'S MAMMOTH SAGE.

Cash must accompany the order.

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

R. VINCENT, Jr. & SON, White Marsh, Md.

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

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and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

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A most valuable variety; stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz.

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

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708 N. 16th St., Philadelphia, Pa.

25,000 WELL ROOTED CARNATION CUTTINGS Ready Now.

Enchantress, $6 per 100; Harlowarden, $5 per 100; Lawson, $2.50 per 100; $20 per 1000; Potter Palmer, $2.50 per 100; Flora Hill and White Cloud, $1.50 per 100; $12.50 per 1000; Norway and Morning Glory, $2 per 100; $15 per 1000.

Kaiserin and La France Roses, 2¼-inch pots, ready for a shift, $4 per 100; $35 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

YOU CAN ALL MAKE MONEY GROWING

ASPARAGUS PLUMOSUS.

We have a large stock of all sizes of this very profitable plant for every retail florist. Nothing but the best stock is shipped.

2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz., $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz., $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $10.00 per 100.

Latania Borbonica, we have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz., $37.50 per 100.
6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz., $50.00 per 100.
7-inch, 16-20 inches high, 7-8 leaves, $1.00 each, $12.00 per doz.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa,** strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100.

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BOSTON FERNS

Pot-Grown Plants. Finest Quality. Prompt Shipment.

Prices—2½-inch, $3.50; 3-inch, $8.00; 4-inch, $15.00; 5-inch, $25.00 per 100. 6-inch, 40c; 7-inch, 60c; 8-inch, 75c each.

PIERSONI FERNS, 2½-inch, $8.00 per 100; 4-inch, 35c; 5-inch, 50c each. **ALTERNANTHERAS,** red and yellow strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., MORRISON, ILL. —— and —— GENEVA, ILL.

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Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

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WAPPINGER'S FALLS, N. Y.

The Chroniele, of this place, says that so much has been heard with regard to Rhinebeck being the floricultural center of Dutchess county, that it believes something should be said for Wappinger's Falls. A half column is devoted to the several fine private establishments, notably those of W. P. Clyde, Henry Osterhout, gardener, and Irving Grinnell, John C. Galvin, gardener, after which the commercial places are described, as follows:

Joseph Jones, in spite of his illness most of the season, produced a fine display of roses, carnations, lilies and smilax.

A. Laub & Son, florists, of Hughsonville, report that their Easter business of this year exceeded any previous year. They have one house 16x100 feet, one 18x100 feet, two 16x100 feet, one 15x35 feet, and a carnation house 35x100 feet, one of the finest of its kind in the county, as well as a lily house, and a house for bedding stock. They shipped for their Easter trade 1,000 carnations and 23,000 violets, requiring eleven persons to do the bunching, as they shipped all the violets on Saturday.

James Duncan, formerly superintendent for J. F. S. Banks, now conducting the violet business for himself, made an exceptional showing for his first year. He has two houses, 20x150 feet, from which he picked 25,000 violets for the Easter trade, 9,000 of them being extra specials.

I. T. N. Harcourt rather exceeded his usual Easter display this year. Mr. Harcourt has on his place three houses, in which he grows carnations, cinerarias, pansies, ferns, palms, smilax and lilies, and especially good callas.

Lansdowne, Pa.—Both William Rementer and Anthony Language report the Easter business heavier than ever before.

Paducah, Ky.—Robert Rudolph has purchased the interest of his partner, Mr. Mattison, and is moving the six greenhouses to Rowlandtown, where he will continue the business.

Princess of Wales Violet

ROOTED CUTTINGS.
$8.00 per 1000; Cash or C.O.D.

SOL. GARLAND, Des Plaines, Ill.

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PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00	per 1000.
Strong, 2 to 2½ ft.	20.00	"
1000 Coreopsis, strong clumps	4.00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani	2.50	"
Roseum	3.00	"

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W. G. EISELE, West End, N. J.
Box 100.
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YOUNG ROSE STOCK

	Per 100	Per 100		Per 100	Per 100
BRIDES	2-in. $2.50	2½-in. $3.50	PERLES	2-in. $3.00	2½-in. $4.00
BRIDESMAIDS,	2-in. 2.50	2½-in. 3.50	LA FRANCE	2-in. 3.00	2½-in. 4.00
IVORY	2-in. 2.50	2½-in. 3.50	KAISERIN	2-in. 3.00	2½-in. 4.00
AM. BEAUTY	2-in. 4.50	2½-in. 6.00	WOOTTONS	2-in. 3.00	2½-in. 4.00
HERMOSA, strong, 2-year-old		5.00	SOUPERT and HERMOSA,		2½-in. 3.00

JAMES C. MURRAY - PEORIA, ILL.
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WE OFFER

500 leading varieties of **Roses** from 2½-inch pots and 4 and 5-inch pots. All on their own roots.
70 best varieties of **Chrysanthemums.**
60 varieties of **Geraniums.**
24 varieties of **Carnations,** healthy, well rooted, 2½-inch pot plants.
25 leading varieties of **Dahlias.**
50 varieties of **Cannas.**
Violets, California, Luxonne and Lady Hume Campbell.
Flowering and Rex Begonias in variety.
Fuchsias in variety.
Asparagus Plumosus and **Sprengeri.**
Calla Lily of the Nile, Little Gem, Yellow and Spotted Calla Lilies.
Hardy Vines, Ampelopsis Veitchii and Clematis Paniculata.
Moonvines, Blue and White.
Decorative Plants, Latania Borbonica, Kentia Fosteriana and Belmoreana.
Phoenix Canarienais and **Washingtonia Filifera Palms.**
Viburnum Plicatum and complete list of hardy shrubs, vines and miscellaneous plants of all kinds. Seventy greenhouses.
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Established 1850. **West Grove, Pa.**

Grafted Roses!

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Only the very best English Manetti used, and plants are strong and vigorous, with abundant roots, ready now to ship or re-pot into 3½-in. pots.

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ROSES

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	R. C.	2 x 2½	2½ x 3
METEORS	650	....	....
BRIDES	1100	10500	400
MAIDS	1500	7250	250
KAISERINS	....	2150	2950
PERLES	1500	7750	2800
BEAUTIES	8500	5800	3100
LIBERTY	....	750	300
GOLDEN GATE	....	4750	....
LA FRANCE	700	1250	....
BELLE SIEBRECHT	350	....	....
IVORY	....	2500	1300
WOOTTON	2100	....	....

Get your orders in promptly and we will send you No. 1 goods, or if you want 3 x 3-inch for late planting, order it now and we will get it for you.

Write— **GEO. A. KUHL, PEKIN, ILL.**

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SEASONABLE STOCK

	Pots.	Per 100
Asparagus Plumosus Nanus	2½-in.	$5.00
Asparagus Plumosus Nanus	2 -in.	4.00
Asparagus Sprengeri	2 -in.	3.00
Asparagus Tenuissimus	2 -in.	3.00

CANNAS

The Express, best dwarf Crimson Canna to date; strong plants, from 3-inch pots, $1.50 per doz., $10 00 per hundred.
The following varieties in two-eye, dormant roots, at $2.00 per hundred: Mme. Crozy, J. Colette Rochaine, Chas. Henderson, Pierson's Premier, Pennsylvania, and mixed.

MISCELLANEOUS

Pelargoniums—The following varieties from 2½-inch pots, at $8.00 per 100: Sandiford's Wonder, Capt. Raikes and Victor.
Salvia Patens (blue), from 2¼-inch pots, at $3.00 per hundred.
Vincas—Variegated, 2½-inch pots, $3.00 per hundred.
Lemon Verbena—From 2¼-inch pots, $3.00 per hundred.

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All the following are last season's propagation:
Anemone Japonica, from 2-inch pots, $4.00 per hundred, including the following varieties: Alba, Queen Charlotte, and Elegantissima.
Aquilegia (long spurred, mixed), 2-inch pots, $3.00 per hundred.
Coreopsis Lanceolata, 3-in. pots, $3.00 per 100.
Digitalis, extra strong, 3-in. pots, $3.00 per 100.
Helianthus Sparsifolia, grand novelty for cutting, 25c each, $2 50 per dozen.
Oriental Poppy, 3-in. pots, $5 00 per hundred.
Pyrethrum, strong clumps, $6.00 per hundred.
Rudbeckia Newmanii, 2½-in. pots, $3.00 per 100.
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Marie Louise

Sand Rooted ..... $10 00 per 1000
Unrooted ..... 8.00 per 1000

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AND PLANTS FROM POTS
Ready to Plant in the Field.

LADY BOUNTIFUL

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THE BELLE

The two largest and most prolific white carnations for 1904.

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THE PRESIDENT and **INDIANAPOLIS**, $12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Mauvina, Neptune, Aureola and **Senorita.** Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Adonis, Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties: Apollo and Lorna, $3.00 per 100; $25.00 per 1000. Gov. Wolcott, $4.00 per 100; $30.00 per 1000. Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

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LA FAYETTE, IND.

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ROSES.

Bride, Bridesmaid, 3-inch pots, ready for shift, $3.00 per 100; $25.00 per 1000.

VERBENAS.

Rooted Cuttings ..... 75c per 100;	$5 00 per 1000.	
Pot Plants .....$2 50 "	20.00 "	
AGERATUM—Stella Gurney.....	3 00 per 100.	
FEVERFEW—Little Gem	3 00 "	
HELIOTROPE—fine varieties	3.00 "	
LOBELIA Dwarf.....	2.50 "	
SALVIA Splendens and Clara Bedman	3.00 "	
GERANIUM S. A. Nutt, 4 in. pots.	9.00 "	

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CARNATIONS

Well established plants from soil. Vulcan, red, Mrs. Fisher, white, $2.00 per 100.

Carnations—Strong plants from soil. Enchantress, $6.00 per 100. Prosperity, $3.00 per 100. The following varieties at $2.00 per 100:—Queen Louise, Flora Hill, Lawson, Wm. Scott, Joost, Crocker, Harlowarden.

CHRYSANTHEMUMS—All the best standard varieties from soil, $1.50 per 100.

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ASPARAGUS PLUMOSUS and SPRENGERI. We are largest growers in the West. Over 20,000 in stock. All sizes, 2½-inch to 10-inch. Write us.

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TEN GOLD MEDALS AWARDED IN 1903.

POT ROOTS FOR SHIPMENT AT ONCE. Every section, including the popular Cactus Dahlias, at $4.00 per 100, in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Postage $1.00 per 100 extra. Terms—cash with order.

TEMPTING BARGAINS. There is money in the kinds named below and we offer them post free for cash. This is the first time we have been enabled to offer post free, as this means of transit has only recently come into operation.

SPECIAL OFFER OF 12 CACTUS DAHLIAS, as follows: free by post for $1.20; 6 of each, free by post, $2.50; 12 of each, free by post $10.00; 100 of each, free by post, $80.00. Rosine, Artus, Floradora, Galliard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows and Vesta, also Jealousy.

NEW SEEDLING CACTUS DAHLIAS. One each of the following 12 distinct varieties, all new and certificated by the Dahlia Societies of England, free by post for $2.00; 6 of each, post free, $10.00; 12 of each, post free, $19.00. Aunt Chloe, C. G. Stredwick, Flamingo, Gabriel, Clio, Miss Grace Cooke, Mrs. J. P. Clarke, Mrs. A. F. Ferkins, Mrs. H. J. Jones, Mrs. Edward Mawley, Richard Dean and Sailor Prince.

CACTUS DAHLIAS FOR CUTTING. Floradora, maroon (Cactus), $11.25 per 100, free by post. Lord Brassey, pink (Cactus), $11.25 per 100, free by post. Prince of Yellows (Cactus), $11.25 per 100, free by post. Winsome, white (new), $1.25 each, free by post. Guiding Star, white (Pompon), $8.25 per 100, free by post. Terms—cash with order.

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ROOTED CUTTINGS

Coleus—Ten best sorts.	$0.60 per 100	**Marguerites**—White and Yellow..	$1.00 per 100
	5.00 " 1000		
Colens—Verschaffelti, Golden Bedder and Firebrand.....	.75 " 100	**Asparagus Sprengeri**—4-in.pots, strong	8.00 " 100
	6.00 " 1000		
Salvias—Splendens and Bonfire	1.00 " 100	**Chrysanthemums**—Fine, healthy stock; Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Eaton (White), Chadwick, Golden Wedding, Mrs. Murdock.....	1.50 " 100
	9.00 " 1000		
Heliotropes—Light and Dark...	1.00 " 100		
	9 00 " 1000		12.00 " 1000
Argeratum — Stella Gurney....	.60 " 100		
	5.00 " 1000		
Water, or Parlor Ivy.....	.60 " 100		
Sweet Alyssum—Giant Double ..	.60 " 100		

Well packed ready to deliver. Satisfaction guaranteed. CASH WITH ORDER, PLEASE.

No orders for less than $1.00.

"CRITCHELL'S", Avondale, CINCINNATI, OHIO.

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Geraniums

	Per 100.
10 varieties, 2-in. pots, $2.50; 2½-in.....	$3.00
10 varieties, 3-in. pots.	4.00
Alternantheras, red and yellow.....	2.00
Seedling Petunias, May 1.....	3.00
100 Pelargoniums, 2 in.	3 00

COLEUS

	Per 100.
10 varieties.....	$2.00
Vinca Variegata Vines, 2-in.....	2.50
50 Boston Ferns, 5-inch pots, each, 25c.	
E. Crocker and F. Hill, 2-in.....	2.50
Asparagus Sprengeri, ...	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

DO IT NOW!

Invest a little cash in the **NEW CANNA,** **EMIL WIELAND** THE BEST SCARLET CANNA YET PRODUCED.

IT IS A WINNER and will grow into a Money Maker; 35 cents each, $3.00 per 10, $25.00 per hundred.

PHOENIX NURSERY CO., Sole Distributors for United States & Canada, **BLOOMINGTON, ILL.**

Mention the Review when you write

SEASONABLE STOCK.

Geraniums—Leading varieties, mixed, 2½-inch pots.. .....Per 100	$ 2.25
Petunias—Mixed, 2½-inch pots.....	2.25
Heliotropes—2-inch pots.....	2.00
Ivy Geranium—Finest var. mixed, 2-inch pots.....	2.00
English Ivy—3-inch.....	3.50
Rose Scented Geranium—2½-inch.....	2.50
Feverfew—2½-inch pots	2.25
Colens—2-inch.....	2.00
" **R. G.**.....$6.00 per 1000	.75
Vinca Variegata 4-in. pots, extra heavy.	10 00
Rooted Cuttings $7.00 per 1000	.75
Violets—R. Heads P. of Wales....per 1000	10.00
" Campbell Rooted Runners "	6.00
Boston Ferns—2½-inch pot, bound.....	4.00
Panaies.....$8.00 per 1000	1.00

Cash Please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Clean, Healthy, Strong

CARNATIONS.

From 2¼-inch pots.

We can supply the following varieties ready for the field or bench. **Will ship to reach you any date desired.**

Pink.	100	1000	White.	100	1000
Joost.....	$2.00	$18.00	Flora Hill...	$2.00	$18.00
Marquis.....	2.25	20.00	Innocence..	2.50	
Dorothy.....	2.50		Her Majesty	4.00	
			Glacier.....	2.25	20.00
Scarlet.			**Variegated.**		
Crane.....	$2.50	$22.00	Prosperity..	2.00	18.00

CASH

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratum White Cap, 2½-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

Ageratum Stella Gurney, $3.00 per 100.
H. S. Courtney, Sparkill, N. Y.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. Cash.
A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Three kinds, rooted cuttings, 50c 100; strong, bushy plants, $2.50 100.
R. S. Brown & Son, Kansas City, Mo.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALTHEAS

Althea or Rose of Sharon, fine plants, 7 kinds, 3 to 4 ft., $1.00 doz., $6.00 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Alyssum, Giant and Dwarf Double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double sweet alyssum, fine bushy plants, $2.00 100. W. W. Coles, Kokomo, Ind.

Sweet alyssum, giant dbl., 75c per 100 by mail. S. W. Pike, St. Charles, Ill.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, strong plants, 2½-in. pots, $1.00 100.
L. W. Franks, Montpelier, Ohio.

Alyssum Little Gem, 2-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 3 yrs., extra strong, $9.00 per 100, $85.00 per 1000; 2 yrs., first-class, $7.00 per 100, $65.00 per 1000; 2 yrs., selected medium size, $6.00 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, 3 years old, sold out; 2 years, transplanted, first-class, $5.00 per 100, $45.00 per 1000. Cash with order. Sample 10 plants by mail, prepaid, $1.00.
E. Ferrand & Son, Detroit, Mich.

Ampelopsis Veitchii, 2-in., 50c doz., $3.00 100, $25.00 1000; field-grown, 2 to 3 ft., $1.50 doz., $10.00 100. Good & Reese Co., Springfield, O.

Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa or Norfolk Island pine, 3 to 4 tiers, 85c each, $9.00 doz.
Good & Reese Co., Springfield, O.

BUSINESS BRINGERS—
Review
Classified Advs.

ASPARAGUS.

Asparagus plumosus nanus,	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, choice stock, ready for pots two sizes larger, 2½, 3, 4, 5, 6, 7-in. pots, 3c, 5c, 8c, 12c, 25c, 35c, 75c each. Asparagus plumosus nanus, $6.00 per 100.
J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 2-inch, $2.00 100; 3-inch, $3.00. Plumosus from flats, $1.75 100; 2-inch, $2.50; 3-inch, $4.00. Good stock and cheap.
Sherman Nursery Co., Charles City, Ia.

Asparagus Sprengeri, 2½-in., $2.50 100, $20.00 1000; 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus Sprengeri, 3-in., extra strong, $4.00; 4-in., $6.00; 5-in., $8.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Asparagua plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, from seed box, $1.00 100; $8.00 1000.
F. Walker & Co., New Albany, Ind.

Asparagus Sprengeri, extra heavy, 4-in., at $4.00 per 100.
C. L. Tipton, Little Rock, Ark.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
James D. Hooper, 812 Brook Ave., Richmond, Va.

Asparagus Sprengeri, 3-inch, strong, $4.00 100.
Wm. Keir, Pikesville, Md.

Asparagus Sprengeri, 2-in., $2.00 per 100.
Chase & Son, New London, Ohio.

Asparagus Sprengeri, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

ASPIDISTRAS.

Aspidistra, green, $10.00 per 100 leaves. Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Aspidistras, green, $6.00 per 100 leaves; variegated, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Asters, Semple's and Queen of the Market, separate colors, 30c per 100 by mail.
S. W. Pike, St. Charles, Ill.

Aster Hohenzollern, best early white, once trans., 50c 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

AZALEAS.

Azaleas, Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100. Azalea mollis (hardy), 35c each, $3.00 doz., $20.00 100.
Good & Reese Co., Springfield, O.

Azalea mollis, well-budded, from $35.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Azalea mollis, 30c each. Satisfaction guaranteed.
Frank Kadlec, 177 Johnston Ave., Chicago.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees, pyramids and standards, $10.00 and up. F. W. O. Schmitz, Prince Bay, N. Y.

BEDDING PLANTS.

Bedding plants in season. 50,000 geraniums, 300,000 pansies and all other seasonable bedding and some hardy perennial plants; also a few million vegetable plants in season. Price list mailed free on application from either place.
Ludwig Mosbaek, South Chicago, Ill., or Onarga, Ill.

Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

BEGONIAS.

Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea maculata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
W. T. Stephens & Co., Brookfield, Mo.

Flowering and Rex begonias in variety. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Begonias, rooted cuttings, $1.10 100, prepaid. Cash. Dann & Son, Westfield, N. Y.

Rex begonias, 4-in., $10.00 per 100.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

BOG PLANTS.

Bog plants, including Dionaea muscipula, Sarracenias flava, purpurea, rubra, etc. Write for prices. James M. Lamb, Fayetteville, N. C.

BOX TREES.

Boxtrees, standards and pyramids, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BOX WOOD.

3000 boxwood, dwarf, for sale. Fine, 3-yr.-old, $2.00 100; $15.00 1000. Cash with order.
John Kready, Mt. Joy, Lan. Co., Pa.

Boxwood, bush, Holland-grown, 2 ft., 75c.
Frank Kadlec, 177 Johnston Ave., Chicago.

BULBS.

Tuberous rooted begonias. 12 100 1000
Single mixed, all colors, 1 to 2-in. $0.30 $2.00 $18.00
Gloxinias.
White, blue, violet, red, sep. .40 3.00 25.00
Defiance, brilliant red..... .50 3.50 30.00
All colors mixed..... .30 2.50 20.00
Tuberose, Excelsior Pearl.
4x6-inch, superb quality..... .10 .75 6.00
3x4-inch, superb quality..... ... .40 3.00
Fancy leaved caladiums..... 3.00 20.00 .....
Lilium Harrisii, Bermuda.
5x7, case of 400, $7.00; 2 cases, $12.00
6x7, case of 300, 7.00; 2 cases, 12.00
H. H. Berger & Co., 47 Barclay St., N. Y.

Caladium esculentums. Nothing but first-class stock.
5 to 7-in. cir.....$0.40 doz., $2.50 100
7 to 9-in. cir..... .60 doz., 4.00 100
9 to 12-in. cir..... .90 doz., 7.00 100
Mammoth ..... 1.60 doz., 13.00 100
Tuberoses. Dwarf Excelsior Pearl.
Mammoth, 6 to 8-in.....$1.50 100.
No. 1, 4 to 6-in..... 1.00 100, $7.50 1000
Medium ..... .60 100, 4.50 1000
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Single begonias. 12 100 1000
1¼-in. and upward, scarlet white, crimson, rose, yellow.30c $2.25 $20.00
Tuberous rooted, dbl. 5 sep. col.50c 4.00 35.00
Gloxinia crass. erecta, 1¼-in. to 2-in. .....60c 4.00 .....
Second size, 1¼-in. and up, mix.40c 3.00 .....
Johnson & Stokes, 217-219 Market St., Phila.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required.
J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

10,000 Ismene calathina, fine bulbs. First size, large bulbs, $8.00 100; $70.00 1000. Second size, blooming bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

Lilium auratum, sound and in prime condition, good sized bulbs, $5.00 100, $45.00 1000; large bulbs, $6.00 100, $50.00 1000.
V. H. Hallock & Son, Queens, N. Y.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Caladiums, 5 to 7-in., 25c doz., $2.00 100; 7-9-in., 50c doz., $4.00 100. Cash.
Dann & Son, Westfield, N. Y.

Caladium bulbs, 5-7, $3.00, 7 to 9, $4.50; mammoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

Tuberoses. Excelsior Pearl. 4-6, $6.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

CACTI.

One spherical specimen plant of mammoth cacti of the Cereus colubrinus variety; 9 main branches varying from 9 to 16 feet in length.
Mrs. Lydia Ridings, Buford, Ohio.

CAMELLIAS.

Camellia japonica, all colors, 2 ft., 60c each, $6.00 doz., $45.00 100.
Good & Reese Co., Springfield, O.

CANNAS.

Cannas, dry tubers, our choice of sorts and colors, $1.00 100. We will furnish good assortment in the following varieties: Florence Vaughan, Canary, Burbank, Grand Rouge, Mme. Crozy, Chas. Henderson, Bronze Bedder, Beaute Poitevine, J. Montel, J. D. Eisele, Duke of Marlborough, Scarlet Queen, etc.
R. S. Brown & Son, Kansas City, Mo.

Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
Good & Reese Co., Springfield, O.

Cannas Austria, Pennsylvania, Black Prince, Henderson, Chicago, large, strong plants from 2½-in. pots, $3.00 100.
Springfield Floral Co., Springfield, O.

The Express, strong, 3-in. pot plants, $10.00 per 100. Crimson Bedder and C. Henderson, dormant, $1.00 per 100.
W. W. Dedrich, Ashley, Ind.

Cannas. Chas. Henderson, $1.00 per 100. Florence Vaughan and A. Bouvier, $2.00 per 100. Mme. Crozy, $1.50 per 100. Kate Gray, $5.00 per 100. All rooted and ready to pot—no soil to pay express on.
James Frost, Greenville, Ohio.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

10,000 cannas, good, live eyes. Rosemawr, Gloriosa, Mme. Crozy, Queen Charlotte, 1500 crimson seedlings (this is a good canna), and 1500 bright red seedlings (extra good variety), at $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

A few thousand mixed cannas, all are good varieties; 90 per cent red, names lost; dry roots, $5.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

50,000 named cannas, best colors, $2.00 100; not named, $1.50 100. Cash. Send for list of cannas and bedding stock.
Benj. Connell, West Grove, Pa.

Canna roots, Austria, Florence Vaughan, $1.00 per 100. Sam. Trelease, Duke of Marlborough, $1.25 per 100.
C. M. Niuffer, Springfield, Ohio.

Canna Austria, rooted ready to pot, $15.00 per 1000. Cash with order.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Emil Wieland, the best scarlet canna yet produced, 35c ea.; $3.00 10; $25.00 100.
Phoenix Nursery Co., Bloomington, Ill.

Cannas. Mrs. Kate Gray, started plants, large size, $3.00 per 100. Cash.
A. A. Harper, Pine Bluff, Ark.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

10,000 canna roots, in 10 leading varieties, from 75c to $1.25 100.
J. H. O'Hagan, Little Silver, N. J.

50 varieties of cannas. Send for list and prices.
The Pingee & Conard Co., West Grove, Pa.

Cannas, $1.00 per 100 and up. Send for varieties. W. W. Coles, Kokomo, Ind.

CARNATIONS.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100.	1000.		100.	1000.
Lawson	$1.50	$12.50	Murphy's White	$3.00	$25.00
Nelson	2.00	18.00	Flora Hill..	1.25	10.00
G'n Angel.	1.25	10.00	Wh. Cloud.	1.25	10.00
H'botham..	2.00	15.00	Peru	1.25	10.00
Sybil	3.00	25.00	Q'n Louise.	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'nden	3.00	25.00
Estelle	2.50	20.00	Marlon	1.25	10.00
Mrs. Ine..	1.25	10.00	Bradt	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Roosevelt	3.00	25.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham.	5.00
Lorna	2.50	Cressbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson.	3.00
Flora Hill	1.50	Mrs. T. Lawson..	3.00
Mrs. P. Palmer	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Florlana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt.	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise..	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt..	6.00	50.00
Lawson	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnation cuttings. Well-rooted, strong, healthy.

	100	1000		100	1000
Oriole	$1.50	$12.50	Prosperity.	$2.00	$15.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	Hill	1.50	10.00
W. Cloud..	1.50	12.50	Palmer	1.50	12.50
Q. Louise..	1.50	12.50	Mrs. Ine..	1.25	9.00

John Brod, Niles Center, Ill.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties:
Lady Bountiful — Judge Hinsdale
The Bell — The President
Mrs. Patten — Indianapolis
$12.00 per 100; $100.00 per 1000.
A very profitable and novel set of bright shades, odd colors and very attractive—Bizarre Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100	1000		100	1000
Adonis	$6.00	$50	Apollo	$3.00	$25
Harlowarden..	6.00	50	Lorna	3.00	25
McKinley	5.00	40	Wolcott	4.00	30
M. Field	5.00	40	Gov. Lowndes..	5.00	40
Mrs. Roosevelt.	5.00	40	G. Roosevelt..	2.50	20

F. Dorner & Sons Co., Lafayette, Ind.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise..	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink— Enchantress	6.00	50.00
H'owarden.	3.00	25.00	Mor'ng G.	2.00	15.00
White— H. Majesty	3.00	25.00	Higinb'am..	1.50	12.50
W. Cloud..	1.50	12.50	G. Angel..	1.25	10.00
Flora Hill..	1.50	12.50	Cressbrook..	1.50	12.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations. Most of the following stock is from soil.

	100	1000		100	1000
L. Bountiful.	$12.00	$100	The Belle..	$12.00	$100
H. Majesty.	5.00	40	Wolcott	4.00	30
Pond	4.00	30	Q. Louise..	3.00	20
Hill	2.00	15	Moonlight	10.00	75
Vesper	10.00	75	Potter	12.00	100
Harlowarden	4.50	40	Field	4.50	40
D. Whitney.	5.00	40	Estelle	3.00	25
Prosperity	3.00	20	Higinbotham	4.00	30

Chicago Carnation Co., Joliet, Ill.

Special low prices for 10 days on rooted carnation cuttings.

	100	1000		100	1000
Lawson	$2.00	$17.50	Palmer	$2.00	$18.00
Nelson	2.00	18.00	Hill	1.00	8.00
G. Angel.	1.00	8.00	W. Cloud..	1.25	10.00
Dorothy	1.50	12.50	Q. Louise.	1.25	12.00
Joost	1.00	8.00	Higinbotham	2.00	18.00
Crane	2.00	18.00	Prosperity.	2.00	18.00
America	2.00	18.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations, from 2¼in. pots, ready for the field or bench. Will ship to reach you any date desired.

	100	1000		100	1000
Joost	$2.00	$18.00	Innocence	$2.50	
Marquis	2.25	20.00	H. Majesty.	4.00	
Dorothy	2.50		Glacier	2.25	$20.00
Crane	2.50	20.00	Prosperity..	2.00	18.00
Hill	2.00	18.00			

Buckley Plant Co., Springfield, Ill.

The best selected carnations.

	100		100
Strong, from soil.		Rooted cuttings.	
Gov. Wolcott	$4.00	Gov. Wolcott	$3.00
Boston Market	4.00	Boston Market	3.00
The Queen	5.00	The Queen	3.50
Pres. McKinley	3.00	Prosperity	2.00
Estelle	5.00	Enchantress	5.00

Geo. Hancock & Son, Grand Haven, Mich.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttings, first-class stock.

	100	1000		100	1000
Q. Louise..	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud..	1.00	9.00	Armazindy..	.85	7.00
America	1.00	9.00	Prosperity..	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100	1000		100	1000
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den.	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations:

	100	1000		100	1000
Lawson	$2.00	$16.00	W. Cloud..	$1.75	$14.00
Crane	2.00	16.00	F. Hill	1.75	14.00
G. Angel..	1.75	14.00	Cash with order.		

Olaf E. Sandberg, Peterson Ave., nr. Robey St., Rogers Park Sta., Chicago, Ill.

500 Enchantress carnations out of 2¼-in. pots, ready to plant out, at $7.00 per 100.
Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation Ethel Crocker from soil, $1.25 100. Cash with order.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

CARNATIONS—Continued.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Carnations, 2½-in., extra fine stock. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Roosevelt, Lorna, Lawson, Higinbotham, Mary Wood, White Cloud, Palmer, $3.00 100.
Flora Hill, Joost, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

New scarlet carnation Crisis, to be distributed in 1905; early and continuous bloomer; color the richest scarlet, size three inches and over; never bursts; stems long and very strong; we court investigation; $2.00 doz.; $12.00 100; $100.00 1000. Davis Bros. Co., Bloomsburg, Pa.

Summer flow. carnations, Vulcan, red, Mrs. Fisher, white, $2.00 100. Strong plants from soil, Enchantress, $6.00; Prosperity, $3.00 100. Queen Louise, Flora Hill, Lawson, Wm. Scott, Joost, Crocker, Harlowarden, at $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crowa Point Floral Co., Crown Point, Ind.

Carnations for summer blooming. Mrs. Fisher, $20.00 1000. Wm. Scott, $15.00 1000. Strong, healthy plants from soil. We guarantee satisfaction.
Leo Niessen, 1217 Arch St., Philadelphia.

We have a small surplus of carefully selected, well-rooted carnation cuttings. Write us if you are looking for the best stock.
Bassett & Washburn, 76 Wabash Ave., Chicago.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

10,000 extra fine rooted cuttings of carnations. The Queen, $40.00 per 1000, $5.00 per 100. Cash with order.
Geo. E. Buxton, Nashua, N. H.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

24 var. of carnations, 2½-in., healthy, well-rooted. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Beruheimer, 11 So. 16th St., Phila.

2000 Boston Market rooted cuttings, $3.00 per 100, $25.00 per 1000.
F. H. Pasell & Son, New Bedford, Mass.

Carnations. Crocker and Hill, 2-in., $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

CENTAUREAS.

Surplus stock. Centaurea gymnocarpa (Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

CHRYSANTHEMUMS.

Rooted cuttings of Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100.

Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Maud Dean, Primo, Intensity, Adrian, H. Hurrell, Brutus, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, rooted cuttings from sand, $1.50 100.

Bonnaffon, Mrs. H. Robinson, Niveus, Jerome Jones, F. B. Hayes; Merry Monarch, white and yellow; Ivory, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. Neipp, Aqueduct, Woodhaven, N. Y.

Chrysanthemums, strong plants, 2-in. pots, $2.50 per 100, $20.00 per 1000:
Mrs. Henry Robinson, W. H. Chadwick,
Mrs. O. P. Bassett, Polly Rose,
Gov. Beckham, Col. D. Appleton,
White Bonnaffon, Bouquet of Roses,
A. J. Balfonr, E. Dailledouze,
Ivory.
NANZ & NEUNER, Louisville, Ky.

White Varieties.	R. C. Per 100.	R. C. Per 1000.	2-inch. Per 100.
T. Eaton	$2.00	$15.00	$3.00
W. H. Chadwick	2.00	15.00	3.00
Wht. Bonnaffon	1.50	12.50	2.00
Wanamaker	1.50	12.50	2.00
E. S. Kalb	1.50	12.50	2.00
Estelle	1.50	12.50	2.00
Robinson	1.50	12.50	2.00
Ivory	1.50	12.50	2.00
Merry Xmas	1.50	12.50	2.00
Polly Rose	1.50	.....	2.00
Wht. Mayflower	1.50	.....	2.00
Yellow.			
Golden Beauty	1.50	12.50	2.00
Golden Wedding	1.50	12.50	2.00
Oct. Sunshine	1.50	12.50	2.00
Col. Appleton	1.50	12.50	2.00
Bonnaffon	1.50	12.50	2.00
Yellow Mayflower	1.50	.....	2.00
Omega	1.50	.....	2.00
Pink.			
W. Duckham	25.00	.....	....
Murdock	1.50	12.50	2.00
V.-Morel	1.50	12.50	2.00
Mrs. Perrin	1.50	12.50	2.00
Glory of Pacific	1.50	12.50	2.00
Marion Newell	1.50	.....	2.00
Richardson	1.50	.....	2.00
Lavender Queen	1.50	.....	2.00
J. K. Shaw	1.50	.....	2.00
Red.			
Oakland	1.50	.....	2.00

Wietor Bros., 51 Wabash Ave., Chicago.

Rooted chrysanthemum cuttings.

Lady Fitzwygram	Niveus
Yellow Fitzwygram	Mutual Friend
G. S. Kalb	Helen Bloodgood
Monrovia	White Ivory
Florence Teal	Pink Ivory
Glory of Pacific	Cullingfordii
Polly Rose	Adula
Willowbrook	Jerome Jones
Golden Trophy	Blackhawk
Mrs. H. Robinson	Golden Wedding
Appleton	W. H. Lincoln
Minerva	Maud Dean
J. W. Childs	Nagoya
John Shrimpton	Timothy Eaton
Philadelphia	Mme. F. Perrin
Viviand-Morel	Bonnaffon
Halliday	

$1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
WM. F. KASTING, Buffalo, N. Y.

Rooted chrysanthemum cuttings, strictly first-class in every respect, $1.25 per 100; $10.00 per 1000.

White Fitzwygram	Heno
Yellow Fitzwygram	Lincoln
Robinson,	Nagoya
John Shrimpton,	T. Eaton
Philadelphia	Robert Halliday
Helen Bloodgood	Monrovia
White Ivory	Golden Trophy
Pink Ivory	Childs
Maud Dean	Mutual Friends
Pacific	Mrs. Jones
Kalb	Blackhawk
Polly Rose	G. Wedding
Minerva	Perrin
Adula	Yellow Bonnaffon
Cullingfordii	

H. G. FISHEL, Corfu, N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100:

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
H. N. EATON, South Sudbury, Mass.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pockett varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemums, strongest plants in the market, from flats. Golden Beauty, Col. Appleton, Eaton, Niveus, Polly Rose, Henderson, Red and others, $2.25 per 100; $20.00 per 1000. Send 25 cents for samples.
John Stamm, Hutchinson, Kans.

Chrysanthemum rooted cuttings. Maud Dean, Kalb, Ivory, Robinson and G. Pacific, $1.50 100. Robinson, Dean and Kalb in 2 and 2½-in., good, strong plants, $2.50 per 100. Cash.
W. T. Stephens & Co., Brookfield, Mo.

Chrysanthemums. Colonel Appleton, Major Bonnaffon, Mrs. Perria, Minnie Wanamaker, Timothy Eaton, Viviand-Morel, Marion Newell, rooted cuttings, $1.25 100, $10.00 1000. Cash.
J. E. Felthousen, Schenectady, N. Y.

Chrysanthemums, Bonnaffon, Pacific, Ivory, Perrin, Eaton, and all other commercial varieties, 2½-in. pots, $2.50 100; rooted cuttings, $1.25 per 100.
J. H. Orth & Co., McKeesport, Pa.

Chrysanthemums, assorted, $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Chrysanthemums, well-rooted cuttings. Glory of Pacific, $1.25 per 100. T. Eaton and Col. Appleton, $1.50 per 100. By mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum rooted cuttings, from flats. Ivory, Queen, Pullman, Eaton, Perrin, Lavender Queen, Polly Rose, $1.25 100. Cash.
W. W. Stertzing, Maplewood Sta., St. Louis, Mo.

White Maud Dean, ready now, 2½-in. pots, $15.00 100, $2.50 doz. Estelle and 6 other var. from soil, $3.00 100, $25.00 1000.
S. S. Skidelsky, 708 No. 16th St., Phila.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.50 100; $12.50 1000.
Chase & Son, New London, O.

Chrysanthemum cuttings, Major Bonnaffon, Mrs. Robinson, Golden Wedding, $1.00 per 100. Chadwick cuttings later.
Otto Hausen, Mont Clare, Ill.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

Chrysanthemums, standard sorts, 2½-in. pots, $2.50 and $3.00 per 100.
B. Hasselbring, Flint, Mich.

Chrysanthemums, all the best standard varieties from soil, $1.50 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

70 best varieties of chrysanthemums. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Chrysanthemums, 50 standard and new varieties. Orders booked for rooted cuttings and 2¼-in. Samuel S. Peckham, Fairhaven, Mass.

Chrysanthemum White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Chrysanthemums, 2-in., best sorts, 40c doz., $2.50 100, $20.00 1000. New var., 2-in., $1.00 doz. Good & Reese Co., Springfield, O.

Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
H. Weber & Sons, Oakland, Md.

Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon chrysanthemums, $2.00 100.
W. W. Coles, Kokomo, Ind.

Chrysanthemum rooted cuttings, leading standard varieties, $1.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums, young plants, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

CINERARIAS.

Surplus stock. Several hundred Cineraria maritima (white leaved Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

CLEMATIS.

Clematis, Holland-grown, 2-yr.-old Jackmani, Henryi and Gypsy Queen, 25c. Home-grown 2-yr.-old. No. 1 stock, purple, white, red and pink, 20c; 2-yr., lighter grade, 15c. Small flowering, 2 and 3-yr., red, blue and white, 15c. If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Home-grown plants in good condition: Jackmani, 1-year, medium, $8.00 100; 2-year, medium, $12.00 100; Henryi and Mme. Ed. Andre, 1-year, medium, $10.00 100; 2-year, medium, $14.00 100.
V. H. Hallock & Son, Queens, N. Y.

Clematis, H. P. roses, Hydrangea pan. graud. and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Clematis paniculata, 2-in., 50c doz., $3.50 100. C. Jackmanii, 30c each, $3.00 doz., $20.00 100. Good & Reese Co., Springfield, O.

Clematis, strong 2 and 3 yr., $3.00 doz. C. paniculata, 2 and 3 yr., $1.00 doz. All outdoor grown. F. A. Baller, Bloomington, Ill.

Jackmani, 2-year-old field-grown, fine, $2.50 doz.; paniculata, 75c doz. Cash.
Benj. Connell, West Grove, Pa.

Clematis Jackmani, field-roots, $12.00 per 100. Sample mailed for 15 cents.
O. H. Drew, Hibernia, New York.

Clematis coccinnea, $40 to $45; crispa, $35 to $40 per 1000. William Tell, Austin, Tex.

COLEUS.

Coleus, 2-in., 20 best sorts, 30c doz., $2.00 100, $15.00 1000. C. Thyrsoideus, Christmas Gem, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
N. O. Caswell, Delavan, Ill.

Rooted cuttings of Verschaffeltii, Chicago Bedder or Golden Queen and Firebrand, 60c 100; $5.00 1000, by express. Registered mail, purchaser's risk, 75c 100.
Frank A. Pierson, Cromwell, Conn.

Coleus in variety, rooted cuttings, 60c 100; 2-in., $2.00 100. Satisfaction guaranteed or money refunded.
Edw. W. Button, Fredonia, N. Y.

Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
The Livingston Seed Co., Columbus, O.

Golden Bedder, Queen, Verschaffeltii and twenty-five other varieties, 60c 100, $6.00 1000. Cash. J. E. Felthousen, Schenectady, N. Y.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
L. H. Foster, Dorchester, Mass.

Coleus Verschaffeltii, rooted cuttings, 75c 100 by mail; $5.00 1000 by express.
Rutledge Nurseries, Rutledge, Pa.

Coleus rooted cuttings, 60c 100; $5.00 1000; 2-in., $2.00 100, $15.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus, 2-in., $2.00 100. Rooted cuttings, 75c 100, $6.00 1000. Cash.
Converse Greenhouses, Webster, Mass.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus cuttings, 10 varieties, $8.00 per 1000.
The McGregor Bros. Co., Springfield, Ohio.

Coleus, 70c 100; $6.00 1000. Exp. prepaid. Cash. S. D. Braut, Clay Center, Kan.

Rooted cuttings, 75c 100; strong plants, $2.50 100. R. S. Brown & Son, Kansas City, Mo.

Coleus. 15 sorts, 2-in., $2.00 100, $17.00 1000.
Springfield Floral Co., Springfield, O.

Coleus, 10 varieties, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

CONIFERS.

NORWAY SPRUCE, twice transplanted, bushy; 2-3 ft., $7.00 per 100, $65.00 per 1000; 18-24 in., $5.50 per 100, $50.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

American arbor-vitae, fine stock, 3½ to 4 ft., $15.00 per 100, $120.00 per 1000.
E. Ferrand & Son, Detroit, Mich.

CRYPTOMERIAS.

Cryptomeria japonica (Japan cedar), the novelty decorative pine. Strong stock, 2-in., $5.00 100, or a sample of 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

CUPHEAS.

Cuphea, 2 sorts, red and purple, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

CYCAS

Sago palm stems (Cycaa revoluta), in sizes to suit the large or small buyer. Stems, 1 to 5 lbs. each, 12c lb., $1.00 10 lbs., $2.00 25 lbs., $8.00 100 lbs.
Johnson & Stokes, 217 Market St., Phila.

Cycaa revoluta, long-leaved var., atema from ½ lb. up, $7.50 per 100 lbs.; $32.50 per 500 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas revoluta stems, 1 to 5 lbs. each, 300 lbs. to case. Sold in case lots only. Write us for special price.
Suzuki & Iida, 31 Barclay St., New York.

Cycas revoluta, from $4.00 to $10.00 and $15.00 doz.; also $24.00 doz., according to size.
Good & Reese Co., Springfield, O.

Fresh cycas stems, 1 to 6 lbs. each, $8.00 per 100 lbs., $21.00 per 300 lbs.
A. T. Boddington, 35 Warren St., New York.

Cycas stems, fresh importation, 10 lbs., $1.25; 25 lbs., $2.50; 100 lbs., $8.00.
W. C. Beckert, Allegheny, Pa.

Cycas revoluta, long leaved, 10 lbs., $1.00; 100 lbs., $8.00; 1000 lbs., $60.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

CYCLAMEN.

Cyclamen. My own strain, the best that can be raised in Giants, once transplanted, $2.00 per 100, $18.00 per 1000; 2¼-in. pots, excellent stock, 5 colors, $4.00 per 100; $36.00 per 1000. Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, Ohio.

Cyclamen gig., our well-known strain, twice transplanted, ready for 3-in. pots, $5.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen per gigan., 2-in., 50c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

DAHLIAS.

DAHLIAS. Pot-roots for immediate shipment. Every section, including the popular CACTUS Dahlias, $4.00 per 100 in 25 sorts. Better and newer kinds, $5.00 and $6.00 per 100. Postage, $1.00 per 100 extra.
Special offer of 12 Cactus dahlias—Rosine, Artus, Floradora, Gaillard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows, Vesta and Jealousy; 1 of each, $1.20; 6 of each, $5.50; 12 of each, $10.00; 100 of each, $80.00. These prices include free delivery by parcel post.
New seedling Cactus dahlias, 12 distinct varieties, all new and certificated by the Dahlia Societies in England—Aunt Chloe, C. G. Stredwick, Flamingo, Gabriel, Clio, Miss Grace Cook, Mrs. J. P. Clarke, Mrs. A. F. Perkins, Mrs. H. J. Jones, Mrs. Edw. Mawley, R. Dean and Sailor Prince; one of each, $2.00; 6 of each, $10.00; 12 of each, $19.00. These prices include free delivery by parcel post.
Cactus Dahlias for cutting—Winsome, white (new), $1.25 each; Guiding Star, white (pompon), $8.25 per 100.
Floradora, maroon, Prince of Yellows, Lord Brassey, $11.25 per 100. These prices include free delivery by parcel post. Cash with order. Send for our 144-page catalogue; it's free.
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Hollyhocks. Double, field-grown, in separate colors of red, white, pink, yellow and maroon, $3.00 per 100. Also Allegheny strain in mixed colors, $3.00 per 100.
Send for catalogue of hollyhocks, dahlias and hardy herbaceous plants.
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HYDRANGEAS.

Hydrangea azurea, sky-blue, new Paris variety; 2-year-old plants for growing on to specimens, from 6-in. pots, $75.00 per 100. Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Hydrangea hortensis rosea, finest introduction of late years, 2½-in. pot cuttings, well-rooted, $6.00 per 12; $45.00 per 100. Ready for immediate delivery.
Julius Roehrs, Rutherford, N. J.

Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Hydrangea Otaksa, 6-7-in. pots, good, strong plants that will need 7-8-in. pots, 25c and 35c.
Crown Point Floral Co., Crown Point, Ind.

Hydrangeas. Thos. Hogg, 2½in., $2.50 per 100, $20.00 per 1000; monstrosa, 2½in., $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Hydrangeas Otaksa, Hortensis, 4-in. pots; mostly in bud, $8.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

Hydrangea paniculata grandiflora, home-grown, 2 to 3 ft., $1.50 per doz.
Frank Kadlec, 177 Johnston Ave., Chicago.

Hydrangeas, strong stock, 4 to 6-in. pots, 10 to 20 cents.
Levant Cole, Battle Creek, Mich.

Hydrangea monstrosa, 2½-in., $4.00 100, $30.00 1000. Springfield Floral Co., Springfield, O.

Hydrangea Otaksa, 6-in., 3 to 4 buds, $2.50 per doz. Geo. H. Benedict, Yorkville, N. Y.

IMPATIENS.

Impatiens sultani, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

IVY.

Boston ivy, Holland-grown, 3 to 4 ft., per 5, 75c; per 100, $13.00. Home-grown, 2-yr.-old, per 100, $10.00.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, 1000 extra strong bushy plants, 4-ft. high, $15.00 100; $2.25 doz. 100 extra fine 8-ft. plants, $4.00 doz.
John Reck & Son, Bridgeport, Conn.

English ivy, rooted cuttings, $1.25 100, $10.00 1000. 2½-inch, $2.00 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

English ivy, 2-inch pots, $1.50 100; $12.00 1000. F. Walker & Co., New Albany, Ind.

English ivy plants, 8-in. long, $2.00 per 100.
J. H. Bornhoeft, Tipton, Ind.

English ivy, strong, 4-in., $10.00 100.
H. Weston, Hempstead, N. Y.

German ivy, 2½-in., $2.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

English ivy, 3-in., $3.50 100. Cash.
Converse Greenhouses, Webster, Mass.

German ivy, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

JASMINES.

Jasmines Grand Duke, Cape, 2-in., 50c doz., $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Lantanas, assorted, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LEMONS.

Lemon ponderosa, 2-in., 50c doz., $3.00 100; 15 in. high, 3-in., $1.00 doz., $8.00 100; 20 in. high, 4-in., $1.50 doz., $12.00 100; 36 in. high, 6-in., $5.00 doz.
Good & Reese Co., Springfield, O.

LILIES.

Calla lily of the Nile, Little Gem; yellow and spotted callas. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
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Empress lily of valley, $12.00 1000. Case 2500, $25.00.
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Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

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Lobelias, dwarf, $2.50 per 100.
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MADEIRA VINES.

Madeira vines, strong roots, 25c doz., $1.50 100, $10.00 1000.
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Madeira vines, 60c per 100.
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Magnolias, with buds, $1.25 each.
If goods are not satisfactory, return them and get your money back.
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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Ipomaea mexicana (Mexican morning glory), strong 1 and 2-yr.-old roots, $1.75 doz. Cash.
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A. W. Smith's hybrid moonvines, Ipomea noctiflora, 2½-in., $5.00 per 100.
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5000 moonvines, 2¼-inch pots, $3.50 100; 3-inch, very strong, $5.00 100.
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Moonvines, blue and white. Send for prices.
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Moonvines, 2-in., blue and white, 40c doz., $2.50 100. Good & Reese Co., Springfield, O.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Moonflower, white, 2½-in., $2.50 100.
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Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
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ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

PALMS, ETC.

	100	1000
Kentia Forsteriana, 2-in. pots	$6.00	$50.00
Kentia Belmoreana, 2-in. pots	6.00	50.00
Phoenix canariensis, 2½-in. pots	2.00	18.00
Phoenix tennis, 2-in. pots	2.00	18.00
Chamaerops, latania, corypha, 2½-in.	2.00	18.00
Chamaerops, exc., latania, ptychosperma from benches	1.00	8.00
Washington filifera, robusta, 2½-in.	2.00	18.00
Thuya orientalis nana (Arbor-vitae), 2-in.	2.00	.....
Asparagus Sprengeri, for 6-in. pots	15.00	.....
Asparagus Sprengeri, 1 yr., from benches	1.00	8.00
Italian cypress, 3 ft., 4-in. pots	15.00	.....

Exotic Nursery, Santa Barbara, Cal.

Palms, fine plants; more for your money than from Belgium.
Latania borbonica, from 5½-in. pots..$25.00 100
Kentia Belmoreana, " 3-in. " .. 15.00 "
" " " 4-in. " .. 25.00 "
" " " 4½-in. " .. 35.00 "
" " " 5-in. " .. 45.00 "
" Forsteriana, " 3-in. " .. 20.00 "
" " made-up plants, 5 to 7-in. pots, about 2½ to 3-ft., high, $18.00 per doz.
Cash with order, please.
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Here are some good palms cheap.	100
Latania Bor., 2-in. pot, seed leaves	$ 3
" " 3-in. pot, 15-18 in., 2-3 ch. lvs.	12
" " 5-in. pot, 18-20 in., 3-4 ch. lvs.	15
" " 5-in. pot, 20-24 in., 4 ch. lvs.	20
Kentia Bel., 2½-in. pot, 8-10 in., 2-3 leaves	12
" " 2½-in. pot, 15-18 in., 3-4 leaves	15
" " 3-in. pot, 15-18 in., 4-5 leaves	18
" " 3-in. pot, 18-24 in., 5-6 leaves	20

Sherman Nursery Co., Charles City, Ia.

Latania borbonica, Kentias Forsteriana and Belmoreana, Phoenix canariensis and Washingtonia filifera. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Latanias, kentias, arecas, phoenix, pandanus, etc., 3-in., 10c each; 4-in., 15c; 5-in., 25c; 6-in., 40c. Batavia Greenhouses, Batavia, Ill.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Kentias, strong; 3-in., $12.50; 4-in., $25.00 100. W. W. Coles, Kokomo, Ind.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

100,000 pansies, superb strain, ready now. Fine, large fall transplanted pansies, in bud and bloom. A trial order will convince you that these are the best you ever handled. $1.25 100; $10.00 per 1000. Cash with order.
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PASNY PLANTS—Continued.

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100, $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

Pansy plants of my largest flowering mixture of show varieties; unsurpassed quality; large, stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansy plants. Prize strain of Bugnot, Cassier and Odier, once transplanted, $4.00 1000; extra large plants, $1.25 100.
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Pansies, strong plants in bud and bloom, $2.00 100. Cash.
H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Pansies. Strong transplanted plants, in bud and bloom, $1.00 per 100 by mail; $8.00 per 1000 by express. S. W. Pike, St. Charles, Ill.

Pansy plants, fall transplanted, large flowering, mixed, in bud, $1.50 per 100.
A. R. Knowles, Bloomington, Ill.

Pansies, $1.00 100, $8.00 1000. Cash, please.
Converse Greenhouses, Webster, Mass.

PELARGONIUMS.

Pelargoniums. Mme. Thibaut, Sandiford, Victor, Red and Jack, 2-in., $2.00; 3-in., $4.00; 4-in., $8.00. Batavia Greenhouses, Batavia, Ill.

Pelargoniums, 2½-in., 6 leading varieties, fine stock, $4.00 100. R. C., $2.00 per 100.
KRUEGER BROS., Toledo, Ohio.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

Double Chinese herbaceous peonies, splendid roots with 2 to 5 eyes. Pink—$1.25 doz.; $7.00 100. White—$1.50 doz.; $10.00 100. Dark red—$1.25 doz.; $7.00 100. Mixed—$1.00 doz.; $6.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Peonies, Holland-grown, 3 eyes and up. Queen Victoria, double white; officinalis, double dark red, $1.80 doz., $12.00 100.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Peonies, in 10 distinct popular kinds, for florists; early, medium and late, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, double pink, good variety; good roots, $6.00 per 100.
Levant Cole, Battle Creek, Mich.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

PETUNIAS.

Double fringed petunias, 2½-in., ready for 4-in., $2.50 100, $20.00 1000; separate colors. Rooted cuttings, $1.00 100, $9.00 1000.
KRUEGER BROS., Toledo, Ohio.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Petunias, dbl. and single California Giants, in bud, 2½-in., $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Petunias, dbl., fine, assorted, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double-fringed petunias, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Seedling petunias, May 1, $3.00 100.
Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

Poinsettias, dormant, 6-in., 30c each.
Batavia Greenhouses, Batavia, Ill.

Poinsettias, dormant, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

PRIMULAS.

Primula obconica, 4-in., $6.00 per 100. Baby primrose, 3-in., $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Primula Forbesii, Baby primrose, 2-in., 50c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

CALIFORNIA PRIVET.	1000
1-yr., 12 to 18-in., branched	$ 7.50
2-yr., 18 to 24-in., branched	15.00
3-yr., 24 to 30-in., branched	18.00
6-yr. specimens, $50.00 per 100.	
1-yr. culls	5.00

Cash with order.
Port-An-Peck Greenhouses, Long Branch City, N. J.

CALIFORNIA PRIVET.	1000.
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18-in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
Good & Reese Co., Springfield, O.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

California privet, 3 to 4-ft., transplanted, $4.00 100; 18 to 20-in., bushy, $2.00 100.
Benj. Connell, West Grove, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendrons ponticum, 40c each.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Rhododendrons, large plants, $90.00 100; specimens, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Rhododendrons, 2 ft. high, 85c each, $9.00 doz. Good & Reese Co., Springfield, O.

ROOTED CUTTINGS.

Rooted cuttings at 50c per 100, dwarf blue lobelias. At 75c, dbl. sweet alyssum, annual pinks, single mixed; double, red and white; hardy pinks (cyclops). At $1.00, dbl. yellow dais, heliotrope. Salvia Silverspot, weeping lantanas, feverfew, vincas light or dark varg.; large-flowering Marguerites, yellow and white; English and German ivy, artillery plant, cigar plants, Venus' hair and Abutilon Savitzii. At $2.00, the new ivy geraniums, Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, big 3-in. Sprengeri, vincas and Boston runners.
J. A. Wibe, Box 125, Downers Grove, Ill.

Rooted cuttings. Ageratums—Gurney, Pauline; Alternantheras—yellow, 50c 100. Double petunias—13 kinds, $1.05 per 100. Salvias—Splendens, Bonfire, Silver Spot; Stevia var., 90c per 100. Hardy pink—5 best kinds; Vinca var., 75c per 100. Fuchsias—5 kinds. Latanas—Harkett's Perfection and trailing. Heliotropes—blue, $1.00 per 100. Rex begonias, asst., $1.10 per 100. Prepaid. Cash.
Byer Bros., Chambersburg, Pa.

ROSES.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTER, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

Young rose stock. Per 100:				
Brides,	2-in., $2.50;	2½-in.,		$3.50
Bridesmaids,	2-in., 2.50;	2½-in.,		3.50
Ivory,	2-in., 2.50;	2½-in.,		3.50
Beauties,	2-in., 4.50;	2½-in.,		6.00
Perles,	2-in., 3.00;	2½-in.,		4.00
La France,	2-in., 3.00;	2½-in.,		4.00
Kaiserin,	2-in., 3.00;	2½-in.,		4.00
Woottons,	2-in., 3.00;	2½-in.,		4.00
Hermosa and Soupert, 2½ in.,				3.00
Hermosa, strong, 2-year-old.				5.00

James C. Murray, Peoria, Ill.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty	6.00	50.00			

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

500 American Beauty roses, own roots, strong plants from 2½-in. pots, now ready, $6.00 per 100. W. E. Fowler & Co., Holly Oak, Del.

Rose cuttings, choice, well rooted stock. Bridesmaid and Bride, $1.25 100, $12.00 1000. Chatenay, $3.50 100, $30.00 1000. American Beauties, $3.00 100, $25.00 1000. Golden Gates, $1.25 100, $12.00 1000.
Rose plants, strong 2½-in. stock, Bridesmaid and Bride, $2.75 100, $22.50 1000. Golden Gates, $2.50 100, $20.00 1000. Bride and Maids, 3-in., $5.00 100, $40.00 1000. Chatenay, 2¼-in., $5.00 100, $45.00 1000; 3-in., $6.00 100, $55.00 1000.
John Brod, Niles Center, Ill.

Rose plants, strong, 2½-in. stock.

	100.	1000.		100.	1000.
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridemaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise ... 8.00 70.00
Liberty	8.00	70.00	G. Gate... 7.00 60.00

The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Low-budded H. P. roses, in all colors, $1.75 per doz.; 10 of same variety in good assortment, $11.00 per 100.
Climbing roses, Crimson Rambler, Pink Rambler, Seven Sisters, 4 to 5 ft.; White Rambler, Gloire de Dyon and Lenchstern, 3 to 4 ft., assorted, $3.00 per doz.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France..	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00			

Rooted rose cuttings.

Bride	$1.50	$12.50	Maid 1.50 12.50
G. Gate	1.50	12.50	Ivory 1.50 12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. American Beauty, rooted cuttings, $3.00 100, $25.00 1000; 2¼-in., $6.00 100, $50.00 1000. Bride, Bridesmaid, Meteor, Ivory, Liberty and Perle, 2¼-in., $3.00 100; $25.00 1000. Rooted cuttings, $1.50 100; $12.50 1000. All strictly A1 stock. Perfect satisfaction guaranteed on all orders.
J. F. WILCOX, Council Bluffs, Iowa.

AMERICAN BEAUTIES, clean, healthy stock.
2-in., $5.00 per 100; $40.00 per 1000.
3-in., $6.00 per 100; $50.00 per 1000.
Orders booked now for Beauties from 4-in. pots, $7.50 per 100; $65.00 per 1000.
Goods returnable and money back if not satisfactory.
Grand Rapids Violet Co., Grand Rapids, Mich.

Choice grafted roses, on extra selected English Manetti stock, 2½-inch pots.

	100.	1000.		100.	1000.
Brides	$12.00	$100.00	Maids	$12.00	$100.00
Gates	12.00	100.00	Ivory	12.00	100.00

Franz Deegen, $18.00 per 100.
Ready now.
S. J. Renter, Westerly, R. I.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Brides and Maids, $12.00 per 100; Libertias, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, 2½-in. Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Glory de Polyantha, Mignonette, $2.50 100, $20.00 1000; 4-in., Crimson Rambler, Kaiserin, Ball of Snow, 2-yr.-old, $8.00 100.
Springfield Floral Co., Springfield, O.

Roses, 2-yr.-old dormant plants of Yellow Rambler, Gardenia, Wichuraiana, Universal Favorite, Manda's Triumph, Evergreen Gem and South Orange Perfection, 6c each, $5.00 100.
Iowa Seed Co., Des Moines, Iowa.

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2-yr.-old Beauties, Maids, Brides, from bench. Price on application.
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Grafted Bride and Bridesmaid, clean and in splendid condition to shift into 3-inch pots, $12.00 100; $100.00 1000.
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Extra cheap offer roses for winter forcing, true and good. Ideal (Improved La France). Catherine Guillot (orange), 2-in. pots, ready for 3-in., $5.00 per 100.
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Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
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Roses from 2½-in. pots, 1000 Golden Gate, 1000 Ivory and a few Bride and Maids, $2.25 100; $20.00 1000. Fine stock, guaranteed O. K.
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Extra heavy dormant field-grown Crimson Ramblers, finest you ever saw; 12 for $2.50; 25 for $4.50; 50 for $8.88; 100 for $15.00.
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Crimson Ramblers, strong, 2-inch, ready to shift, $3.00 100. 50 two-year-old, dormant, canes four to five feet, 20c each. Cash.
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Good & Reese Co., Springfield, O.

Hardy roses, 2-year-old bushes, all leading var., $11.00 per 100, $100.00 1000.
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Roses. Bride and Maid, 2-in., $2.50 per 100. Am. Beauty, 2-in., $4.50 per 100.
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H. S. Courtney, Sparkill, N. Y.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

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Rosea. Brides and Maids, 2½-in. pots, bushy, $3.00 per 100. J. H. Boroboeft, Tipton, Ind.

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Manetti stock for fall delivery.
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Salvias. Bonfire, Silverspot and splendens, 2¼in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
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Salvias splendens and Bedman, rooted cuttings, $1.25 100, $10.00 1000. 2½-inch, $2.00 per 100. Cash.
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Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

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Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Salvia Bonfire, 2-inch, $1.50 100. Cash with order. Wm. Keir, Pikesville, Md.

Salvia splendens and Clara Bedman, $3.00 100.
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Salvias, nice 2¼-in. stock, $2.00 per 100.
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Salvia splendens, 2½-in., $2.50 100.
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Primula chinensis, alba magnifica, white; Holborn Blue; Kermesina splendens, crimson; Rosy Morn, pink; fern-leaved, mixed colors, 60c trade pkt., $1.00 trade pkt. Michell's dbl. white and dbl. mixed. Michell's choicest European mixture, same price as above; also 1-16 oz., $2.00.
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California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophyla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
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SPRENGERI, 50c per 1000.
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Asparagus plumosus nanus	$ .65	$5.00	$45.00
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Musa Ensete, fresh	1.00	8.00	
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Selaginella Emmeliana, 3-in., $6.00 100.
Batavia Greenhouses, Batavia, Ill.

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Smilax, strong, well-grown plants for 2-in. pots, $1.50 per 100; $12.50 per 1000.
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Howard Miles, Parkersville, Chester Co., Pa.

Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
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CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.
TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Manl's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.
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The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.
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CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100; $1.25 per 1000.
CELERY—White Plume and Golden self-blanching, 25c per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

VEGETABLE PLANTS—Continued.

Wakefield, Winningstadt, Early York, strong, transplanted, $2.00 per 1000. Cabbage plants out of seed bed, $1.00 1000. Cauliflower Early Paris, transplanted, 50c 100. Tomato Dwarf Champion, New Stone, strong plants out of seed bed, $1.00 1000. Celery plants, $1.00 1000; transplanted, $2.00 1000.
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Cabbage and cauliflower, transplanted, and all vegetable plants in season. Special price on 25,000 and 100,000 lots; also bedding plants and pansies in season. Price list mailed free from either place. Ludwig Mosbaek, Onarga, Ill., or 8500 Anthony Ave., South Chicago, Ill.

Tomato plants from seed bed, fine plants. Livingston Improved, Dwarf Champion, Stone, Beauty, Buckeye, Favorite, 15c per 100, if by mail 25c; $1.00 per 1000.
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Cabbage—Winningstadt, Succession, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Tomatoes, $1.25 per 1000.
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Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
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Rooted cuttings, 75c 100, $5.00 1000. Pot plants, $2.50 100, $20.00 1000.
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Verbenas, white, pink, scarlet, purple, mixed, 2½-in., $2.00 100.
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Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
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Verbenas, in bud, 2½-in., $2.00 100; $18.00 1000. Cash.
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Mammoth verbenas, stocky, 60c 100; $4.50 1000; 2¼-in., $1.50 100.
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Lemon verbenas, good, 3-in., at $3.00 per 100.
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Viburnum plicatum. Send for prices.
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Vinca var., 2-in., $2.00 per 100, $17.50 per 1000. C. M. Niuffer, Springfield, Ohio.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100. Rooted cuttings, 75c 100, $7.00 1000. Converse Greenhouses, Webster, Mass.

Vinca variegata, out of 4-in., very strong, $7.00 100. Vinca rooted cuttings, 60c 100.
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Vinca variegata, 4-in., long vines, $1.00 per doz., $8.00 per 100.
Geo. H. Benedict, Yorkville, N. Y.

Vinca Major var., 2-in., 40c doz., $2.50 100, $20.00 1000.
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Vinca variegata, 2½-inch, $2.00 100, $18.00 1000. J. E. Felthousen, Schenectady, N. Y.

Vinca variegata, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Vinca var. vines, 2-in., $2.50 100. Cash.
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Vincas, 4-in., 7c; 3-in., 5c; 2-in., 2c. Cash.
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Marie Louise violets, fine large clumps with plenty of runners to propagate from; grown very cold. Splendid stock; come and look at them—18 miles from New York City. $5.00 100; $35.00 1000. 10c for sample. All plants shipped, without soil. Cash, please.
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Princess of Wales violets are the best violets to grow and I have the best stock in the country. Strong, transplanted stock. May delivery, $2.00 100, $15.00 1000; 500 at 1000 rate.
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Sol. Garland, Des Plaines, Ill.

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To Exchange—Or for sale, 1000 2 to 3-yr.-old Clematis paniculata, all well-established pot-grown plants, $2.00 to $3.00 per 100. Will exchange for good young roses, blooming and Rex begonias, B. Poitevine or S. A. Nutt geraniums; Tuberose, The Pearl or good gladioli, or what have you? C. G. Nanz, Owensboro, Ky.

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Wanted—Japan lilies of all kinds. State quantity, sizes and price.
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Wanted Silver striped pepperomia.
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Galax, bronze or green, and small green galax for violets.
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500 boxes 16x24 double thick A glass at $3.50 per box, net cash. F. O. B. Chicago, Cleveland, Milwaukee, Detroit, Indianapolis, St. Louis, or any intermediate point. Other sizes at correspondingly low prices.
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Green moss for vases, extra fine quality, $1.25 per bbl.
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Salesmen calling on florists and greenhouse owners can obtain well paying side line of rubber hose by applying with particulars of the ground covered to Mineralized Rubber Co., 18 Cliff St., New York.

"ANCHOR" greenhouse hose, specially constructed for florists' use.
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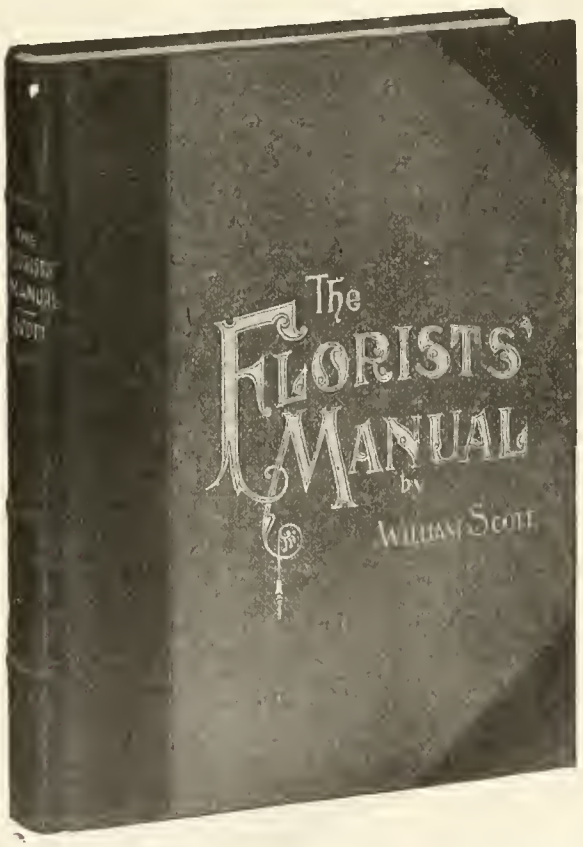
I would be pleased to know what carnations to plant in the warmest part of the house. I shall have Lawson, Enchantress, Harlowarden, Potter Palmer, Flora Hill, White Cloud, Nelson and Mary Wood. L. A. D.

I presume that all these varieties are to be planted in one house. You have a pretty wide range of temperatures in these varieties and unless your house varies a great deal between the two ends they will not all be suited together. I will give you the temperatures best suited to each variety and then you can plant them accordingly: Lawson, 56 degrees; Enchantress, 48 to 50; Harlowarden, 50 to 52; Mrs. Palmer, 52 to 54; Flora Hill, 54 to 56; White Cloud, 48 to 50; Mrs. E. A. Nelson, 50 to 52; Mary Wood, 52 to 54. This is, of course, providing your soil is of a medium texture. If it is very heavy Enchantress will stand two degrees warmer and so will White Cloud. In a light soil and a high temperature Enchantress is liable to have a weak neck and a poor color. It takes a heavy soil and a cool temperature to keep the stem stiff and to give it that beautiful Daybreak color.
A. F. J. BAUR.

CARNATIONS IN ENGLAND.

John Kneller, gardener at Penrhyn Castle, says that Mme. Franco is decidedly ahead of other winter-flowering carnations. It has a perfect habit, tree form, fine deep color and much fragrance. Its one fault is a propensity to split the calyx. Flowered in 7-inch pots many blooms are four inches in diameter. Mr. Kneller says Daybreak is another good variety, but smaller and lighter in color. "Mrs. T. W. Lawson with us is only moderately good and quite third class as compared with Franco."

NEWTON, KAN.—C. L. Shanks says business was very good at Easter, Harrisii lilies being in particularly good demand and his stock unusually good. He is thinking of putting in a wholesale florists' supply house in connection with his florists' business.



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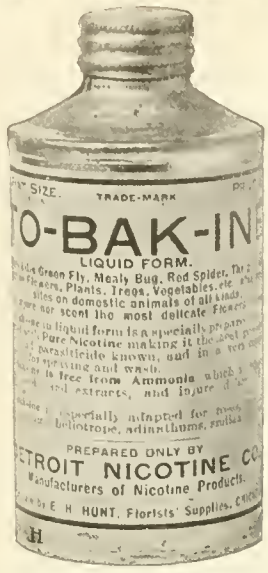

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EBEN E. REXFORD.

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CINCINNATI.

The Market.

Things are brightening a great deal at present, both as to weather conditions and business. After a miserably cold spell we are having a few days of good spring weather, not so very warm, but still the sun is shining and it makes us feel as if life is worth living again. Business has taken a brace also and, while it is not working any of us overtime, yet there is a considerable increase in demand. The supply is not nearly so heavy as it was, either, and prices are consequently moving upward a trifle. There have been some good wedding decorations but nothing of unusual interest.

The supply of roses is not quite so heavy but the quality is much improved. Good quality Liberty and Meteor are scarce. Carnations are about equal to the demand and in very good shape. Prices are holding up first class, much better than on roses. Bulbous stock is moving steadily but at very low prices. There are a great many Harrisii and callas and they sell at about $1 per doz. Valley is in good demand and scarce. Violets sell at sight and whoever happens to have a good crop of them is hitting it rich. Green goods are still scarce.

Various Notes.

Hardesty & Co. had a narrow escape from fire last Tuesday. The blaze was next door and had it not been for the prompt work of the fire department they would have suffered considerable damage.

A number of the craft tendered a surprise on Walter Gray Sunday evening, it being the anniversary of his birth. There were all kinds of good things to eat, and a good time was had by all those who were fortunate enough to be present.

Fred L. Schulz, of Louisville, Ky., was in the city Sunday, visiting some of the greenhouse plants. H. C. Dieterich, of Maysville, Ky., was also a visitor.

C. J. Ohmer.

Youngstown, O.—When Walker & McLean have a surplus they donate it to the Detention Hospital instead of offering their trade old stock at cheap prices.

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from $1.00 per 100 up; write for prices and varieties. **Kentias**—Strong, 3 in., $12.50 per 100; 4 in., $25.00 per 100. **Mums**—Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon, $2.00 per 100. **Double Sweet Alyssum**—Fine bushy plants $2.00 per 100. **Rooted Carnation Cuttings**—Cheap to close out.

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Fuchsias, Begonias — Flowering and Rex, Sweet Alyssum, Feverfew, Cuphea, Lantanas, Coboea Scandens, Ageratum, Pansies, Verbenas, Salvia, Vincas, Lilies nearly all summer. Small Ferns for Fern Dishes. Write—

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PETUNIAS, Double and Single California Giants, in bud. **VERBENAS,** Mammoth, strong and healthy, in bud both from 2½-inch pots, $2.00 per 100; $18.00 per 1000. Cash please.

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Good, Clean, Seasonable Stock at Cheap Prices

Alyssum, Little Gem, from 2-in. pots, $2.00 per 100
Ageratum, White Cap, " 2½-in. " 2.00 "
Achillea, The Pearl, " 2½-in. " 2.00 "
$18.00 per 1000.
Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000. 4-inch, $7.00 per 100.
Asparagus Plumosus Nanus, 2½ in., $3.00 per 100; $25.00 per 1000. 4-in., $8.00 per 100.
Abutilon, Souv. de Bonn and Eclipse, 2½-in., $2.00 per 100. Coleus, 15 fine sorts, 2-in., $2.00 per 100; $17.00 per 1000. Cannas, Austria, Pennsylvania, Black Prince, Chas. Henderson and Chicago, large, strong plants, from 2½-inch pots, $3.00 per 100.
Chrysanthemums, assorted, $2.00 per 100; $18.00 per 1000. Daisy, white and yellow, 2½-inch pots, $2.50 per 100; $20.00 per 1000.
Geraniums, scented, 2½-in., $2.50 per 100.
Heliotrope, Florence Nightingale, $2.50 per 100.
Hydrangea, Monstrosa, 2½-in., $4.00 per 100; $30.00 per 1000. Honeysuckles, Goldeu Leaved, Halliana and Chinese Evergreen, $2.00 per 100.
German (Parlor) Ivy, 2-inch, $2.00 per 100.
Impatiens Sultani, 2½-inch, $2.00 per 100.
Lantanas, assorted, 2-inch, $2.00 per 100.
Moonflower, white, 2½-inch, $2.50 per 100.
Rudbeckia (Golden Glow), 2½-inch, $2.00 per 100.
Salvia Splendens, 2½-inch, $2.50 per 100.
Violets, Princess of Wales, California Luxonne, Swanley White and Lady Hume Campbell, nice, clean stock from 2½ inch pots, $2.00 per 100; $18.00 per 1000.
Vinca Variegated, 2½-inch, $2.00 per 100; $18.00 per 1000.
Verbenas, white, pink, scarlet, purple and mixed, 2½-inch, $2.00 per 100.
Good, strong stock from 2½-inch pots of the following named Roses:—Ball of Snow, Pink Rambler, Yellow Rambler, Pyscbe, Empress of China, Pres. Cleveland, Gloire de Polyantha, Mignonette, $2.50 per 100; $20.00 per 1000.
Crimson Rambler, Kaiserin Augusta Victoria and Ball of Snow, 2-year-old plants from 4-inch pots, $8.00 per 100.

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Prize strain of Bugnots, Cassiers and Odiers, fine, large plants, once transplanted $4.00 per 1000; extra large plants, $1.25 per 100. **Mammoth Verbenas,** stocky plants, 60c per 100; $4.50 per 1000; 2¼-inch, $1.50 per 100. **ASPARAGUS PLUMOSUS,** from flats, ready for potting, $2.00 per 100; $18.00 per 1000. **Maidenhair Ferns,** 4-in., $1.25 per doz. **Dracaena Indivisa,** 5-inch, $16.00 per 100. **Begonia Rex** 4-in., $10.00 per 100. **Geraniums,** bushy plants in bud and bloom. S. A. Nutt, Ricard, Beaute Poitevine, J. Viaud and La Favorite 4 in., $7.00 per 100. **Roses,** Brides, Bridesmaids and Golden Gates, 2-inch, $2.50 per 100.

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See page 943, March 24th issue, for prices.

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ENTIRE TOWN SOLD.

Under the above caption a Youngstown, O., newspaper publishes the following account of the sale of Templin property at Calla, O.:

Richard and Wilbur Templin have sold their Calla Greenhouses, together with their good will, to Norman Bashinger, of Columbiana, and Charles W. Hendricks, of Leetonia, for a consideration not given, and the latter will incorporate and take actual charge of the famous seed farm after May 15.

The Calla Greenhouses were organized thirty years ago by Lewis Templin and have since passed into the hands of his sons and grandson. They were transferred to Richard L. Templin and Mark B. Templin. Wilbur W. Templin, a son of Richard, and his father have sold their two-thirds interest in the property, which is really the whole town. All of the land, together with twenty greenhouses and eight dwellings, were sold to Norman Bashinger, cashier of the First National Bank at Columbiana, and Charles W. Hendricks, teller of the First National Bank at Leetonia. These young business men are hustlers and the change augurs continued prosperity for the people of Calla and success for the members of the corporation that is to organize.

Through the enormous business of the Templin company the postoffice there is second to Youngstown in this county and pays a salary of $1,700 a year to the postmaster, who is Wilbur Templin, placed there after a hot political struggle. The change may result in his resignation, and it is said that he and his father may embark in the same business in some other place. They have no plans at present, but their hosts of friends will wish them continued prosperity in any line and in any field.

OCEANIC, N. J.

The Monmouth County Horticultural Society held its regular monthly meeting April 15. The following committees were appointed: Exhibition committee, Geo. Hale, A. G. Williams, W. W. Kennedy, N. Butterbach, James Dowlen and H. A. Kettel; executive committee, C. H. Walling, G. R. Kuhn, John Yeomans, W. H. Griffiths and N. Butterbach; investigating committee, Horace Longstreet, John Kennedy and H. A. Kettel. The discussion of the evening was on chrysanthemums. George H. Hale showed a vase of very fine amaryllis, scoring 100 points, and Wm. Turner showed some excellent melons, which also received 100 points. The judges of the evening were N. Butterbach, W. W. Kennedy and A. G. Williams.

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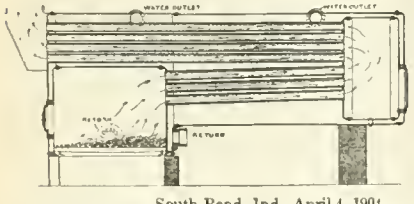

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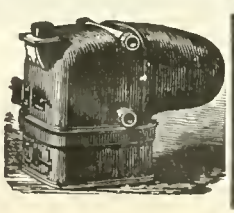

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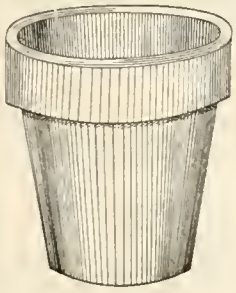

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520-535 Caxton Building,
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New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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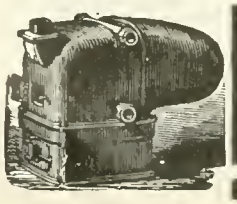

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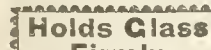

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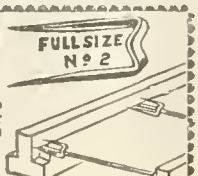

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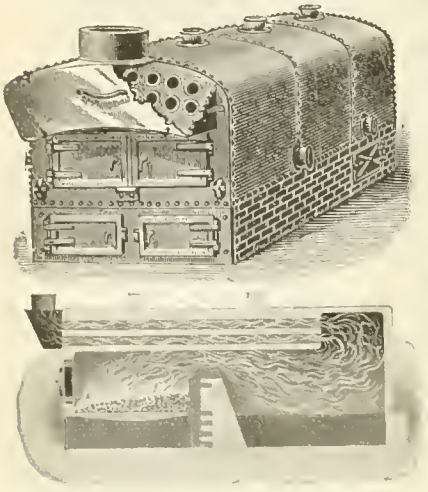

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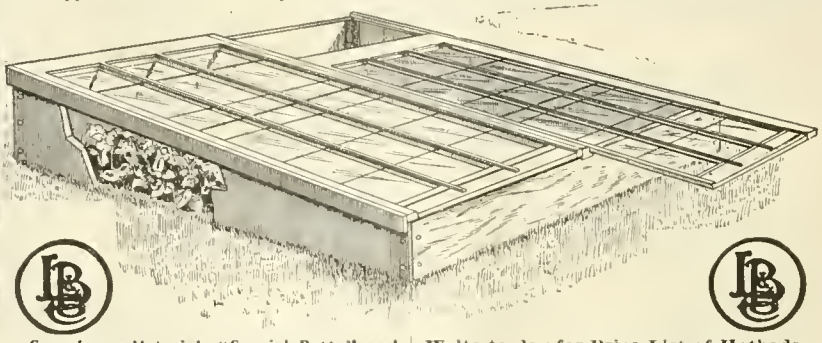

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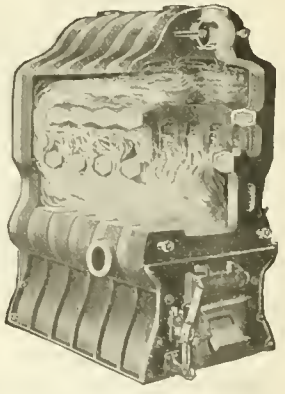

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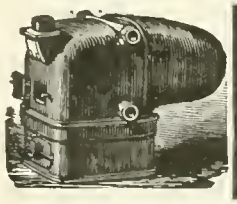

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Salvia Azurea Grandiflora	3	1.00	8.00
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Fresh Cocos Weddelliana	65c	5.00	....
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Areca Lutescens	75c	6.00	25.00
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Primula Forbesi, Baby Primrose, trade packet, 50c. Primula Obconica Grandiflora, rose, trade packet, 50c. Primula Obconica Grandiflora, white, trade packet, 50c.

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CHRYSANTHEMUMS

CARE OF YOUNG STOCK.

Propagation should be continued right along as fast as good cuttings can be procured, as the main crop of stock should be all rooted this month. Cuttings so rooted are nice little stock for planting in June, which is a favorite month with the average florist. Many of the best exhibition growers plant in May, rightly claiming that the plants are benefited by a longer growing season, but these growers have their stock already rooted and potted up. The dividing line between the exhibition grower and the grower for the cut flower market is every year becoming more marked in the east, as the latter cannot afford to compete with the former any more on the exhibition boards.

More care is necessary from now on in rooting cuttings, because the sun is getting more powerful every day and if the propagating bench is in a position where the sun strikes it at all, shading of some kind is necessary. Much more water, too, is necessary and the cuttings should be frequently syringed to keep them from wilting, as the less a cutting wilts the quicker it will root.

While on the subject of wilting it may be well to add that it is a very wrong practice, though quite common, to take the cuttings off the old stools and leave them lying around for hours before putting them in the sand. Get off a batch of cuttings, prepare them, and put them in the sand at once. You will then have less cause to complain about your cuttings not rooting good.

When your cutting has emitted roots half an inch long it is time to get it out of the sand and potted up, because if left too long in the sand the plant gets spindly and drawn up and its constitution is greatly impaired. Begin right, with good cuttings, always do things when they need doing, and the chrysanthemum will be found one of the easiest subjects to handle.

For a first potting use nothing but a good, fibrous loam, unless it be a little leaf mold or very rotten manure. Bone or any other prepared fertilizer should never be used at this stage, because the plant is not in a condition to use food of that description. I have before now seen cuttings killed by kindness in this respect by young and enthusiastic beginners, who were going to show the other fellows how to do things.

Fire heat should not be used any more now and if you have by chance other things in your house that need heat yet awhile, the best thing to do is to get the chrysanthemums out into a cold frame. I would rather have my plants out in a cold frame at this time than any other place, providing one has a conscientious man to look after them. They need considerable attention in watering, ventilating and protecting nights from frost, but it is wonderful how they strengthen up and show by their improved appearance how they appreciate the change to what is for them more natural surroundings.

Brian Boru.

TROUBLE WITH CUTTINGS.

I am having difficulty in rooting my chrysanthemums. The stock plants were wintered under the bench in a cool house and seem to have been in fine shape when started up to make cuttings. They are planted on a bench in good soil, night temperature about 52 degrees. The growth is slow and when I take off the cuttings they are slow to root, and many do not root at all. Is it because the growth is too hard? We keep the sand wet and the temperature of the house 65 to 70 degrees. One of my neighbors tells me to take up the stock plants and plant them all but the tops under ground in rather poor soil, keep warm and water well. He says I will get more sprouts, soft growths which will root well. Is that right? Is there still time to try it? How late can cuttings be taken and get the cut flowers for November 1? I grow all my own flowers and can't afford to be late. Would I better buy plants than try to root them now?

A. H. D.

It is difficult to say just what the trouble is with the stock of A. H. D. He remarks that the stock plants were wintered under the bench in a cool house, a proceeding that, while often done, is wrong. I have often in these notes urged my readers to keep their plants up to the light even though something else had to be thrown out to make room for them. A. H. D. says that "while the plants seemed to be in fine shape when started up, the growth is slow." I have often noticed that stock plants when moved into new soil do not take hold kindly, in fact will sometimes die outright unless they are made very firm in the soil. A good pounding round the roots with a half brick will perhaps be time well spent.

There should be no difficulty in rooting cuttings in April if the sand is kept moist and the cuttings shaded. The growth is evidently too hard to root well as he suggests. I would not follow the advice of his neighbor and bury the plants. Such a proceeding would most probably mean that they would die outright. The weather is getting warm now and if A. H. D. has his old plants well established in the bench and keeps them well watered he will get all the cuttings he needs. Cuttings may be rooted up to the end of July and still flower by November 1, as the flowering period is more a question of bud selection than of early or late propagation, though if he wants good flowers with a two or three foot stem, plants rooted in May are late enough. If A. H. D. finds himself short of stock at planting time in June he had probably better lay in some young stock, but if the old stock gets to growing well they will produce a great many cuttings next month and he can afford to wait for the present.

Brian Boru.

GRADING MUMS.

Will you kindly tell us the standard method of grading chrysanthemums? Anything else pertaining to mum shows will be read with interest. G. N. Co.

If the G. N. Co. is asking for the standard method of grading chrysanthemums for market I would say that there is no fixed standard of grade, as there is with roses, for instance. The flowers are sold on their merits, the largest flowers, if all other considerations as regards foliage, stem, color, etc., are equal, bringing the highest prices. I have seen chrysanthemums bring from 1 cent up to 50 cents each, wholesale, the difference being entirely one of size and excellence.

The latter part of this letter referring to mum shows leads me to think that perhaps it is information concerning the judging or disposition of classes in an exhibition that is asked for. If this is the case and your correspondent will tell me just what he wants I will be happy to go into detail with him. I hope to have considerable to say in these notes later concerning exhibitions, as I think the subject is one of growing importance to chrysanthemums and chrysanthemum lovers. Brian Boru.

Festival Hall and Cascades, Worlds Fair.

(The Fair opens on Saturday of this Week and Closes December 1.)

Milwaukee, Wis.—Forest Home Cemetery, Mr. Currie superintendent, will build three greenhouses this season.

GERANIUM DISEASE.

I enclose a geranium leaf. Can you tell me what the trouble with it is and what to do for the plants. L. A. D.

We have seen this same trouble on some varieties of zonale geraniums, notably on the old single scarlet, General Grant. While the leaf was dotted over with a number of spots that remained green and apparently healthy, the body of the leaf was withered and yellow. I am not able to say what disease it is, except that I believe it is a fungus, although it does not show on the surface of the leaf as the common mildew does on our roses and other plants. I don't believe there is any antidote you could apply, or rather that it would pay to bother with, except the best of all cures, proper conditions. A cool temperature with little ventilation and a damp house with, perhaps, too much water at the roots is, I feel sure, the cause of this trouble. The zonale geranium is largely a succulent. If kept at a high temperature in winter they will grow fast and then would need a liberal supply of water, but if kept cool during the dark months, as they always should be when grown for flower gardening purposes, they want little water in the winter months. Pull off all leaves showing signs of the disease, give them the full sun, room to grow, a little fire heat and plenty of ventilation and they will grow out of this yellow jaundice disease.

Just a word about the geraniums in winter. I can well remember the method in vogue forty years ago in England. A dozen cuttings were put into a 6-inch pot, perhaps in November, where they remained till the following March, and in the mild winters of the south of England would go through the winter with perhaps not six days of any fire heat the whole winter and for a month at a time no water was given them. W. S.

MISCELLANEOUS SEASONABLE HINTS.

The Season of Rapid Growth.

We are about to enter the month and season when it calls for skill, watchfulness and energy to keep our rapid growing plants in good order, far more than it does in the cold months of winter, when to keep up the temperature is the main object. Growth is exceedingly rapid just now. If you don't realize it just keep out of a house for a week and notice the great change on your visit again.

One of the mistakes too often made by those growing many kinds of bedding plants is to let the fires go out in early May. I would rather have many tender plants in cold frames, where an abundance of fresh air could be given day and night, than in a house with no fire and little ventilation.

On this important subject I am going to trespass a moment on some good men's territory.

Fire Heat in Cut Flower Houses.

I never saw after May 1, or when there was no longer danger of the nights going below 45 degrees outside, any harm in letting the fires out in the carnation houses. From early April to the end of May their growth is wonderful. But when you cease firing give plenty of ventilation day and night.

Now about roses. There is no one who is growing roses in our climate who will not agree that it is impossible to dispense with fire heat before the middle of June. And is it wise or profitable to shut off the heat even at that late date? No, it is not. Last summer there were not seven consecutive days when you could do without fire and not have mildew.

Localities differ. I have seen a first-class rose grower of Darby Road leave the end door of the Bridesmaid house wide open in October while he showed visitors around the house. On being questioned, "Are you not afraid of mildew?" "Oh, no, that won't hurt," was the reply. It would hurt sorely with us, and mildew would appear. A little steam and ventilation will be the order of things every night this summer unless we should get a hot, dry spell, and then all things should be in readiness in case of a sudden change.

I am not going to say any more about carnations or roses, because experts tell you all about them, only the firing question opened up the subject.

Heat for Bedding Plants.

In the houses where a great variety of our summer bedding plants are grown the sudden stopping of fire heat is very disastrous to many plants. The show pelargoniums, as well as the single zonale varieties, will drop their petals the first cool, damp night and the florets of the semi-double zonales will rot. If you had a house with nothing but zonale geraniums in it, if there was not a speck of shading on the glass, if you were very particular that before night came there was not a drop of moisture in the house, and if you had ventilation on all night, then you might get along with these popular plants without fire, but a little heat is much safer through the month of May. Avoid that dampness that you see settled on the plants in the morning after a night without fire, for it is deadly.

Don't think for a moment that a little heat from the pipes and at the same time ventilation is by any means forcing. It is not. Pure, fresh, warm air is more conducive to hardiness than a close, stagnant atmosphere, even if it is cool. Coleus, acalyphas, achyranthes, cannas, caladiums, in fact all these tropical plants, will just stand still if you let out your fires before settled warm weather. The brightest coleus becomes as lustrous as brown paper. Besides these tropical plants there are any amount of others, such as fuchsias, abutilons, salvias, heliotropes, etc., which will be sadly stunted with such a check. There are three places or positions for our plants for the next three or four weeks: the cold frame for the almost hardy plants, such as the young carnations, feverfew, seedling hardy annuals and others; the mild hotbed, where so many things that are slow-growing but want heat do so well, and, thirdly, the greenhouse, with fire heat kept judiciously going.

Shading.

Shading is important just now, and often as important left off as put on. Common whitewash is often used, but white lead and naphtha makes a better looking shade, and will subdue the sun's rays without giving so dense a shade as lime. Don't use any linseed oil in the lead unless you want to get on the roof and scrub it off in the fall.

I heard a most illustrious carnation grower when in Detroit say that he had just shaded his Lawson carnations, that was about March 1. "What shade did you use, Eugene," was the query. "Cheesecloth tacked on inside the roof." We have used this material for shading the cutting bed for years, and it is excellent for the purpose, or anywhere where shading is necessary. Light filters through the thin cloth but it stops the direct rays of the sun. To keep the temperature down the cloth should be on the outside, but that, of course, is almost impracticable and this cheesecloth, either inside or out, for general use would be too expensive, so some easily applied liquid shading we have to depend on. Don't put it on with a syringe; you will get over the job quicker with a syringe, but it would not be as well done, and you will use much more material than with a brush.

It is not necessary early in the season, when some shade is needed, that the panes of glass be entirely covered. If it is to keep down the temperature in the bright suns of May, then a streak of the brush down the center of the glass will do, leaving two or three inches of clear glass next to the bar. The sun, or rather the earth, is ever moving, so that every few minutes all the plants in turn get the direct sunlight.

Broadly, I would say put off shading your fast-growing, soft-wooded bedding plants as long as possible. They will be all the better suited for outside if you do. Coleus, cannas and caladiums want no shade at any time, and a whole lot of other plants would not if you could keep their roots uniformly moist. It is in the bright, sunny days of May, if watering is neglected, that the plants in the small pots begin to suffer.

Plunging the Pots.

Did you notice, but of course you have, that you can plunge the pots of geraniums and even tuberous rooted begonias in the soil of a hotbed and let the fierce rays pour down on the clear glass and your plants will smile and grow strong, simply because the roots are moist, the hot, dry clay pot is not parching the roots? We used, in times gone by, to begin to plunge our zonale geraniums on the benches about May 1 in some easily handled material, decayed leaves, or, best of all, decayed refuse hops. Supposing these plants were in 4-inch pots and the plunging material was only two or three inches up the side of the pots, as in most cases it was. The difference in vigor, size and robustness of these plants compared with those just standing on the bare sand or ashes was simply marvelous, and so it is with all plants grown in pots. It is not the sun's rays on the foliage that burns and exhausts; it is the continual drying out and injury to

Lilium Candidum at Easter, 1904, Grownby W. N. Craig at North Easton, Mass.

the roots. I am not going to say that all your thousands of bedding plants should be plunged, but I will say that you can delay shading for a month, save hours of labor, watering and grow infinitely better plants in every respect if you plunge your plants.

Protect the Hydrangeas.

Last year we had a rather sad experience with a number of large hydrangeas that had been wintered in a shed where there was plenty of light and the temperature kept but a few degrees above the freezing point, an ideal place for sweet bays, hydrangeas, box trees, oleanders, etc. The hydrangeas during April will grow, and grow weak and spindling, and they should be got outdoors as soon as it is safe, but look out for the frosts that may come, and did come last year, about May 20, for this tender young growth will freeze, and that will settle the flower buds for that year. They should be outdoors, but in such position that they can be laid down and covered at any danger of frost. The sweet bays will stand any cold that we will get from November on, unless they have been coddled in a greenhouse, and have started to grow.

Crimson Ramblers.

I think it was in the Boston notes that I saw that the Crimson Ramblers that were summer-grown in pots and sold the past Easter were much superior to those lifted and potted in the fall. Of course they were, and always will be. Now is the time to start with them, either with plants you have in the field, or some you must buy from a nurseryman. Cut them down severely. If you leave two or three inches of last summer's growth it is plenty. You only want five or six canes of this summer's growth. Pot into 6, 7 or 8-inch, according to size and strength of plant. Pot firmly and put them into the coolest house you have, or in a cold frame. They will soon make roots, and at the same time start growth. If in a cold frame, I would prefer them moved into a light house as soon as root growth is active. When the young growths are an inch or two long, select five or six of the strongest, and rub off the rest. Let them come along slowly in the greenhouse, no forcing. Tie the canes to a stake as they grow, and when real hot weather comes be sure they don't suffer for water at the roots. A hot day and dry at the roots will produce mildew. And as I can see these pot-grown Ramblers on July 4 with canes five and six feet high, I will take a rest. William Scott.

LILIUM CANDIDUM.

The merits of the ascension or annunciation lily, Lilium candidum, were at one time fully recognized by florists and large numbers were disposed of in our eastern markets. During the past six or eight years, however, they have been almost entirely dropped by trade growers. Not without some reason, 'tis true, for the major portion of the bulbs sold at low rates, produced miserable, diseased plants, yielding only three to five flowers per stem. At one time candidum lilies cut quite a feature in our Boston Easter market; this year we failed to find a spike in the wholesale flower market and only a few wretched little spikes in one of our Boylston street stores.

Our experience with Lilium candidum of late years has been that the cheap bulbs grown in Turkey, Holland, or the south of France are useless; they produce poor spikes and are full of disease. But bulbs from the north of France can be absolutely relied upon; for five years we have not seen a trace of disease on any of our indoor stock. We have had quite good success with bulbs grown in the sandy soil of Cape Cod, in Massachusetts and believe bulbs equal to the French ones could be grown in our eastern states if some enterprising grower could take them in hand.

The culture of this lily is very simple. We pot our bulbs as soon as received, three in an 8-inch pot. The extra large bulbs will need 10-inch pots. We get much better returns by using the larger size pots than can be had by potting bulbs singly in 6-inch pots. A compost of turfy loam, well decayed cow manure and sand is used. After potting the bulbs are stood on a bed of ashes in an open, sunny position outdoors until the advent of frost severe enough to freeze the compost quite hard, when they are placed in a frame. Bulbs for Easter blooming are housed about January 1. Lilium candidum does not take kindly to hard firing; in a temperature of 50 degrees at night it was in good season for Easter this year.

Plants in 8-inch pots carried four to six spikes with from six to twelve flowers per spike; good ones had fifteen each. This lily needs plenty of liquid food and is very susceptible to the attacks of green aphis, like others of its family. We consider well-grown specimens of this lily far superior to Lilium longiflorum, either for cut flowers or for conservatory decoration, and visitors are nearly unanimously of like opinion. Its cheapness, usefulness and ease of culture should commend it to florists generally.

W. N. Craig.

Grand Rapids, Mich.—Eli Cross will shortly begin work on another violet house.

Polo, Ill.—The greenhouse owned by H. D. & R. E. Davis was burned April 21. There was no insurance.

NARCISSUS TRUMPET MAJOR.

Please inform me why Trumpet Major narcissus has failed to bloom after the first year's planting out of doors. Should the clumps be lifted, dried off and replanted? L. M. G.

In Holland, where these bulbs are grown to supply all Europe, they are lifted every summer, after the tops are ripe and withered, the large bulbs selected for sale and the off-sets planted again in the fall. But that is no reason why you should lift them if you want a bed of them. I don't see why they should not thrive and come up and flower annually, as the Von Siens will, or the tulip beds which we have seen remain untouched for many years. You must look to some other cause for their not flowering. If they were planted in the open ground in the fall and flowered the following spring they should flower again the second spring, whether they were lifted during the summer or not. But if they were bulbs that you forced in the winter and then planted out last fall, that is another thing, and you should not expect much results for what with the forcing and cutting flowers and foliage close off to the ground, and a sudden cessation of growth just when it should be storing up strength and substance for another year's growth and flower, you are doing the very reverse of what nature demands. W. S.

ROSES

SEASONABLE WORK.

In order to have large thrifty bushes from which to begin cutting in September, planting should be proceeded with as early as possible, especially in extensive places, where so much has to be accomplished in such a short time. All planting of young stock should be completed before July.

Young stock must now, as the season advances, make its early summer growth, and if the growth takes place while the plants are in the pots we must not expect it to be so large or of such fine quality as that produced in the freer possibilities of the bench. Consequently, there is a decided loss in vigor, besides a curtailment of the growing season, which counts for a good deal in houses meant for the early work.

Growers who have studied the wants of their customers and the general trend of the market during the past season will now have their planting plans so far completed that they will be in no doubt as to the varieties and their different proportions of color wanted, and should let no considerations deter them from proceeding at once.

When the market remains good and the plants are producing heavy crops, it does seem like a sacrifice to throw them out, and this is frequently the cause of a glut in the market, reducing prices to the lowest ebb, where they are likely to remain during the rest of the season. With the early summer crops coming we ought to be able to keep our customers going from half the space required during the winter, thus protecting ourselves from an over-supply and its consequences.

To derive a little more profit from the old stock the judicious grower will make an endeavor to find a market for them. Beauties, Meteors, Golden Gate and Ivory make excellent stock for bedding out, and if these can be disposed of at prices to repay careful lifting, and delivering, it is like mercy found; they have to go anyhow.

After the bushes are disposed of the old soil should be removed and all accumulations of soil and rubbish from under the bench cleaned out. The benches should be thoroughly overhauled, and all necessary repairs made, making certain that they are strong enough to outlast the season. The woodwork of roofs, walls and benches should then get a thorough washing with the nozzle, using sufficient force to remove all accumulations of scum and dirt.

The benches should then get a coat of hot lime wash. This acts as a preservative of the wood, and is sure death to insects and their eggs. Some good growers claim that the addition of sulphur in the proportion of about one-fourth of the bulk of the lime is a sure preventive of mildew. Whether this is so I cannot say, but it is an inexpensive experiment and free from danger to either roots or foliage.

To prevent the soil from running through the cracks, some straw or sod fiber should be placed on the bench. The soil should then be carefully spread, taking care not to let any inequalities, such as the hard bottom of the hills, remain. The benches should be filled flush, assuming that the sideboards are five inches high, and if bone is to be used as a fertilizer it should be added now. As this material can be added at any future time, it is better not to be too liberal in its use while the plants are small, twenty pounds to each 500 square feet of bench being within the lines of safety. This can either be left on the surface, or ruffled in previous to planting. Ribes.

SHORT STEMMED WOOTTON.

Our Wootton roses come full of short-stemmed buds and we seldom get a nice long stem, although the buds are perfect. The plants were set last spring and they commenced to throw an enormous lot of buds, and the more we disbud the more we produce. The plants are apparently healthy. What is the correct treatment to get better stems? S. S. B.

This condition is very common to Wootton roses and often arises from the quality of wood used in propagating. Other conditions, such as poverty of soil, or lack of ventilation will produce the same results. As a remedy, when taking the cut, cut back to one or two eyes, give liquid manure once a week, keep the night temperature at 60 to 62 degrees, day temperature 75 to 80 degrees, according to intensity of sunshine, and give plenty of ventilation on all favorable occasions, both night and day. Ribes.

Steilacoom, Wash.—We are having fine weather, after three months when the temperature was at the freezing point almost constantly, with no sun. Lettuce and cucumbers took a lay-off and stock had to be shipped in from California.

Columbia Avenue Store of John C. Gracey, Philadelphia.

Easter View of the Columbia Avenue Store and Conservatory of John C. Gracey, Philadelphia.

TARIFF ON CUTTINGS.

In the case of the American Express Co., which protested at the duty assessed at the port of Buffalo on certain rooted rose cuttings imported for the Heller Bros., of the South Park Floral Co.; John Burton and others, the decision of the Board of General Appraisers is so important that is is given here in full:

These protests relate to importations of so-called rooted rose cuttings, which were assessed for duty at 2½ cents each under the following provision of paragraph 252 of the tariff act of 1897:

"Rose plants, budded, grafted, or grown on their own roots, 2½ cents each."

They are claimed to be dutiable at twenty-five per cent ad valorem under the last subdivision of the paragraph, which reads as follows: "Stocks, cuttings, and seedlings of all fruit and ornamental trees, deciduous and evergreen, shrubs and vines, manetti, multiflora, and brier rose, and all trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock, not specially provided for in this Act, twenty-five per centum ad valorem."

The official samples consist of small rose cuttings, with slight tendrils or rootlets sprouting from the base. The evidence is not in the most satisfactory form, but tends to show that the cuttings have been placed in sand a sufficient length of time to start root action in order to make them more hardy for transportation; that they have never been in soil or in pots; that they are advertised in trade papers as "rooted cuttings," the price ranging from $1.50 to $2.50 per hundred; that they are intended to be grown into plants after being placed in soil in pots; that rose plants are usually sold in soil in pots, and range in price as high as $20 per hundred.

The Board has hitherto held that rose cuttings were not dutiable as "rose plants" under said paragraph 252, being the youngest virgin stock from which hybrid rose plants "grown on their own roots," as distinguished from roses grafted, budded, or grown from seed, are cultivated. The record in this case supplies no good reason why a different rule should apply to the so-called rooted cuttings in controversy. On the contrary it is persuasive of the view that the term "plants" was not meant to include articles such as these, in which the root development is so small and to all appearances so immature as to be insignificant.

The last subdivision of paragraph 252 is not altogether free from ambiguity, owing to the uncertainty as to how far the expression "stocks, cuttings and seedlings of" qualifies the clauses which follow it in the paragraph. The cuttings involved, while they may have been grown by budding or grafting upon wild or hardy stock—such as manetti, multiflora, or brier roses—are themselves, it would appear, hybrids, intended to be reared into plants having such names as "Bride," "Bridesmaid," "Meteor," "Perle," "Sunset," etc. Since rooted rose cuttings can not be said to be either "trees," "shrubs," "plants," or "vines," if these goods are dutiable at all under the provision referred to, it would seem to be as "cuttings of plants commonly known as nursery or greenhouse stock." This construction, it will be seen, extends the effect of the expression "stocks, cuttings and seedlings of" to all the subsequent members of the paragraph, and reads it as though as it were printed as follows:

Stocks, cuttings and seedlings (not specially provided for in the act) of all
(1) fruit and ornamental trees, deciduous and evergreen.
(2) shrubs and vines.
(3) manetti, multiflora and brier rose.
(4) trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock.

The Board is of opinion that this interpretation should be adopted. Although it may appear doubtful upon a strictly grammatical construction of the paragraph, it accords with what we believe to have been the purpose of Congress, viz., to include within the comprehensive language of paragraph 252, together with paragraph 251, practically everything in the nature of nursery or greenhouse stock. (Tariff Hearings, 1896-7, vol. 1, pp. 1038-50.) In construing statutes the intent is to be sought without controlling regard for mere grammatical rules. (Endlich on Interp. of Stat., secs. 81, 295, 414, et seq.) The protests are sustained and the collector's decision is reversed in each case.

VIOLETS.

Decline of the Specialist.

Anyone who will look fairly and understandingly at the situation will be compelled to admit that the day has passed when the grower can make the good money growing violets that he did a few years ago. In our estimation, there are several reasons that cause us to arrive at this conclusion. First is the overproduction that always occurs when someone sees somebody else having what looks like a good thing, and all plunge into it. This, then, leads to another thing, the lessening demand when the product becomes too plentiful and common, and this always to the result that the best paying customers, those who have the most money to spend for flowers, naturally turn away and look for something that is not so constantly before them.

Another reason is that violets never seem to be grown with equal success year after year, even when they receive the same careful, painstaking attention, due, I think, much to atmospheric conditions over which we have no control, and not thoroughly understood, often blocking our efforts for what otherwise gave promise of a fine crop.

Notwithstanding these and other reasons, violets hold a place, and always will, by reason of their color and fragrance, that nothing else will fill, and will continue to be grown; but I incline to the opinion that it will be more and more by the individual grower, in connection with his other stock, for his own trade, rather than by the specialist, mainly for two reasons:

For the specialist it is yearly becoming more and more risky, owing to decrease and uncertainty in prices. The general grower will take them up because he so often wants them on short notice and has not the time to send for them and, owing to the lessened call for them, finds it unprofitable to have a regular daily consignment of them, as at present

prices those that he is compelled to lose more than counterbalance his profits. He will find that if he has a small house of his own for immediate use he can make them pay their general average in his profits on the whole establishment. It will be necessary for him to bestow the same constant care on his violet house as he does on his rose, carnation and other houses, being ever alert that they are in no wise neglected or uncared for, as they will be more certain to show it than the other houses do, if possible, although they all must have the care in order to have the best results.

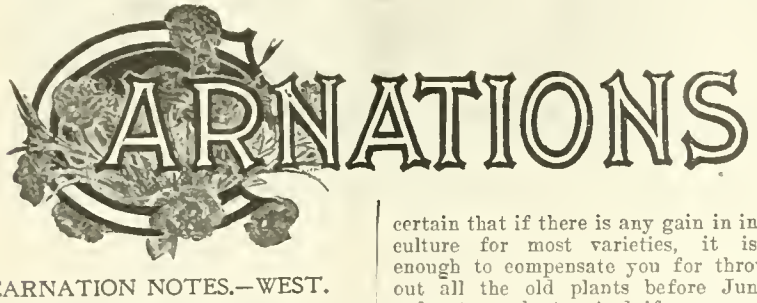
A General Grower's Beginning.

If you have come to the determination to grow a house for yourself, it is time that you were planning for it, getting any repairing done that may be needed, all the old woodwork removed and old soil cleared out. Then treat the paths and borders to a good liberal coat of fresh lime, too heavy to be called a dusting, and syringe heavily enough to slack the same, letting it lie several days. If it is possible close the house tightly and fumigate heavily with sulphur, once at least, and twice would be better, with a few days intervening. Then give all the woodwork a good painting. All of this in order that the house may be in the best of shape for your violets when you get ready to plant the house.

What I have said refers to the grower who has to convert to violets a house that he has been using for other purposes. Of course, where you can do so I would by all means advise building a new house especially for them, one great reason being that they seem to delight in new quarters. However, I should not hesitate to try the other quarters if this were not possible.

Do I hear you say that you have no house suitable? Perhaps, still we have tried them in nearly all styles of houses and find that you can grow them with care in any of them, only you will have to adapt your cultural care to the exposure and style of house, and if I wanted to grow them I should not let this stand in my way, only be sure that you take a house that has plenty of ventilation, as this is very essential.

R. E. Shuphelt.



CARNATION NOTES.—WEST.

Indoor Summer Culture.

I just want to say that if you are going to grow some of your carnations inside this summer, it will pay you to get them planted just as soon as you can. The end of April or the first half of May I consider the best time to plant them. It is not so hot then as it is in June or later and there is no doubt about the carnation liking a cool temperature to take hold and start growing. If you put up your soil last fall you will have good soil to plant in, but if you neglected it last fall, and had none left last summer, you will hardly be in shape to give your carnations a good show. Better plant them in the field and house them as early as you can.

A few years ago, when Jubilee first came out we planted our Jubilees on the benches in the spring. It worked so well that we jumped to the conclusion that indoor culture was the proper way of growing carnations, regardless of variety. We tried other varieties but found that in most cases our success was not so good as when the plants were out in the field a couple or three months. They get a sturdy growth on them in the field that we have never been able to get inside on most varieties. After that we confined the indoor culture to such varieties as Jubilee and Bradt and a few others that transplant poorly. Most of them have been discarded and now we plant only Mrs. Lawson on the beds in the spring.

I do not think that we will ever plant all our carnations inside from pots, but only such varieties as transplant poorly. That it pays to handle such varieties in that manner I am sure, but I feel equally certain that if there is any gain in indoor culture for most varieties, it is not enough to compensate you for throwing out all the old plants before June in order to replant. And if you want to give your plants the very best show, you should have them all planted by May 20. The advantages in indoor culture would have to be quite considerable to make us willing to sacrifice the blooms we cut during May and June and for which we find a ready sale. Just now our bed of Lawson is giving us a big cut of as fine blooms as any we could ask for and we would hate to throw them away for at least six weeks yet.

A. F. J Baur.

RUST AND THRIPS.

I send with this a Lawson carnation bud, also some leaves affected with something I will call rust. The leaves are from our Glacier plants. These plants have not done at all well this winter, the stems being short and weak and the foliage very bad. We have Lawsons next to them in the bed which are not affected at all. The cuttings taken from them are the same way, only getting worse. As a remedy we have put on two or three strong applications of Bordeaux mixture besides giving them a good spraying with kerosene emulsion just a day or two ago. We also notice that about fifty feet farther down in the house, which is 100 feet long, there are some Daybreak that are getting the same disease. Also on the side bench in same house our young stock of Glacier, Peru, Enchantress, Daybreak and others are coming to the same thing. Now I want you to tell me what can be done for these carnations in order to clear the house of this rust, for we think we have a pretty bad case.

And about the Lawson bud, you will notice that its petals have white spots on them similar to those described in your valuable paper as made by thrips. Our entire Lawson crop shows the work of thrips, if that is what it is. In order to check this we tried smoking six times a week for three weeks, except one night, and burning cayenne pepper in the house for half a dozen nights, besides, using three eighteen-pound packages in the 100-foot house. After this was all done our regular weekly smoking was continued till now. We could see no marked improvement in our blossoms. There are other varieties in the same house which seem to be hardly affected at all. We would like to know if there is any way of getting rid of this pest. The smoking was made very strong, using three pans. We spray the entire bed often, have good sun and good ventilation. J. W. M.

The leaves you sent are badly affected with common carnation rust. Glacier seems to be quite a favorite with this disease, and so does Daybreak. The latter was always sure to have some rust on it as long as we have grown it. This disease is not feared so much, by the expert carnation grower, as it was ten years ago. Bordeaux mixture and kerosene emulsion will not help you much in fighting it, but dusting your plants with air slaked lime and syringing only enough to keep off red spider will check it materially. Pick off all the badly affected leaves before dusting the plants. Unless the plants are too weakened they will grow free from it in a little while after being planted in the open ground. If you could keep the plants dry overhead all winter you would have very little trouble with this disease, as it remains dormant as long as it is kept perfectly dry, which of course is impossible to do in a greenhouse in the winter. Excessive syringing will aggravate it, and especially if the plants are in a weakened condition.

The bud of Lawson showed those white and brown spots we too often see on this variety at this time of the year. While I believe that Mr. Thrips is responsble for these to a certain extent, I also think that the hot sun is responsible for at least half of the damage. During the winter there may be many thrips in your house, and they will cause white spots on your Lawsons and some of the red varieties, but the spots do not turn brown like they do at this season. The thrips bruise the petal and then the hot sun burns the bruised parts. J. W. M. does not say just when he did the smoking, but I presume it was while the present crop of buds was on the plants. If it was as recent as any time during this month it is too early to expect the blooms to be free from the spots. The half open bud may have been bruised several weeks ago, as the thrips are very tiny and they work themselves between the petals long before the buds begin to show color. I would smoke only a couple of times each week, and put a good shade on the glass over the Lawsons and see if that does not help matters a good deal. Do not make the shade too dense, but just enough to break the force of the sun. Give them plenty of water and ventilation. A. F. J. Baur.

CRICKETS ON CARNATIONS.

Please tell me how to get rid of the crickets that eat my carnations. They are very active and difficult to catch.

T. T.

We have never been troubled by crickets eating our carnations, but if they

devour the buds or blooms it seems to me you ought to be able to poison them. Just what kind of bait would be most tempting you can find out by a little experiment. Try several to begin with and note the results, changing off to some other kinds every day or so, until you find one that is effective. If any of the readers of The Review have had experience in combating this pest we should very much like to hear of their experience and remedies. A. F. J. Baur.

SUMMER CULTURE INDOORS.

[A paper by Peter Fisher, of Ellis, Mass., read before the Boston Gardeners' and Florists' Club, April 20, 1904.]

I have been asked to speak to you tonight on the carnation. It would be a waste of time to attempt a lengthy review in the progress made in the development and improvement of this popular flower during recent years, as it is no doubt fresh in your minds. As compared with five or six years ago the carnation of to-day looms up like a new creation, scarcely recognizable as a descendant from the family from which it has evolved. Strong and vigorous, of mammoth proportions, in beautiful and varied shades of color; and the end is not yet.

With this change in general characteristics has also come a change in modes of culture. Where a few years ago it was considered the proper time to house carnations from the field in September, we find them being planted in July. The latter part of August is now considered late. Experiments have also been made in exclusive indoor culture and this method is what I want to say a few words upon tonight.

The first requisite to successful indoor culture is properly constructed carnation houses. They must be large and airy, with ample ventilation on both sides of the ridge and in the side walls, the latter to be used judiciously. By that I mean opened on cool or cloudy days or during the night, but closed when a hot, dry wind is blowing and vegetation outdoors is wilting. If opened on such a day, or succession of days, red spider is sure to cause trouble.

A very convenient type of house, with which I have been experimenting, is of the following dimensions: Length 300 feet, width thirty-three feet, height to ridge fifteen feet, height of sides five feet, three feet being glass, with side ventilators and ample ventilation at the ridge. Last season we built a house of this size with detached roof ventilators. This season we have nearly completed one of similar size with continuous ventilation on both sides of the ridge, using 30-inch glass in same. My purpose is to test the merits of both systems. Another 300-foot house has continuous top ventilators, but without any on the sides. In this I have grown with excellent results some of our latest varieties. My intention is to plant directly from pots into the three different styles of houses and carefully note the results.

The advantages of indoor culture include perfect control of conditions necessary for the successful culture of the plants. They are not subject to the extremes of a dry or wet season, or often extremes of both, which invariably causes stem-rot. You save the time and labor of one planting. You don't check the plants as is the case when lifted from the field, which process has always seemed to me to be unnatural and gives some varieties a check from which it takes weeks to recover, and the larger the plants the more they are affected. Indoor-grown plants give a steadier supply of blooms, are not so liable to crop and are usually of better form and quality, invariably giving a longer stem.

Again, there are no doubt disadvantages to this method, especially with the average florist, who needs his flowers during the early summer months and who cannot afford to throw them out in order to plant into the benches before the young stock gets pot-bound. But if properly arranged there are few who cannot spare at least one house for trial. And where a grower has, say, from 20,000 to 40,000 feet of glass, or more, and besides carnations grows chrysanthemums or other quickly developing crops, a little forethought will always arrange sufficient space so as to be available when time for planting comes around.

The time for propagating the cuttings to be used for all-bench culture will depend upon the varieties and time when space is available. Slow-growing or late-blooming sorts ought to be propagated early in any case. But where they are of free and easy growth they may be rooted any time from January to April as required, first potting them into a 2 or 2½-inch pot, according to the strength of the cutting, and repotting until required for benches. But great care should be exercised never to let them get stunted or pot-bound; a 3½-inch pot ought to be about the limit in which to have them growing at planting time, as larger sizes take up too much valuable space.

Planting can be done with excellent results any time from February to July. I prefer May or June, the distance between the plants being governed by the variety and season when propagated. Strong growing sorts planted before May will require twelve to fifteen by nine inches, weaker sorts or later propagations correspondingly less, but in no case should free-growing sorts be planted closer than eight by twelve inches. This insures a better circulation of air around the plants during summer, and light during winter, which means better stems and quality of blooms, with few if any of second quality.

I prefer benches four feet wide to those of five feet or more, as the plants get a much better circulation of air. An extra path in the house is not waste space, for you always get more and better stems and blooms along the sides of the benches. Care should be exercised not to over-water the plants, as the carnation thrives best in a moderately moist soil and excess of moisture will cause the soil to become sour. Always damp down the paths and under the benches freely during hot or sunny days. Fumigate regularly every week for greenfly and syringe every ten days with salt water, two ounces to a common pail, for red spider.

No doubt some of the objections to this indoor culture will be the following: Attacks of red spider or greenfly; over-watering and souring the soil. And yet we have just those same conditions to contend with in the field, where it is often very difficult to subdue the insects and we have no power over the excess of moisture, usually accompanied by severe attacks of rust on varieties so inclined. Under glass we can keep those evils under control, the worst condition with which we have to contend being excessive heat. Yet I doubt if the plants suffer as much from this, providing proper ventilation and atmospheric moisture are maintained, as they do in the field when a dry, hot wind causes them to wilt.

Anything really worth having in this world costs something, and we usually pay the full price. This is well, as we are more apt to appreciate it when once obtained. To produce and put upon the market a new carnation often costs far more than the average grower thinks, in time, patience and hard cash, before being tested and its cultural requirements understood. How often have we heard of some originator, on the eve of reaping his hard-earned reward, losing almost his entire stock of some promising new variety in the field, as the result of an unfavorable season, either too wet or too dry. I have come to the conclusion that it does not pay to run this risk and to my mind indoor culture is the solution. It will be adopted gradually no doubt, but I venture to predict that five years from now few carnations will be grown in the field.

There never was a time when a better all around grade of carnation blooms was put on the market, never a time when we growers had less excuse for failing to produce them. With improved varieties to work upon and modern facilities at hand for their successful cultivation it clearly becomes a duty, not only to ourselves professionally but to the flower loving and consuming public, to place our product on the market in the best possible condition to insure their continued popularity and lasting qualities. Flowers have passed the stage of mere luxuries, they have become a daily necessity and among them the carnation is neither last nor least.

FLORISTS ADVISE AMATEURS.

The florists of Madison, Wis., and neighboring towns are active members of their local horticultural society and do much practical work in guiding the amateurs to safe paths. At the meeting April 22 Wm. Toole, of Baraboo, the extensive grower of pansies, said:

"If you want flowers all summer, you must put out the plants in the spring and also sow some seed at the same time. If the seed is sown now and until the middle of May plants will begin to bloom in August. They will do best in a medium clay and loam soil. The soil must be well fertilized and cultivated thoroughly all the time. It is not so necessary to water the plants every night as it is to keep the soil well stirred around the plant. The flowers as soon as they reach full size should be picked from the plant if a continual bloom is desired."

Frank Ovenden, foreman for Fred Rentschler, discussed bedding plants, as follows:

"The soil for nearly all kinds of bedding plants is similar. If one is making a new bed the chances are that the soil is not what it should be. If this is so, dig out about a foot deep and fill in as follows:

"Take well rotted sod or rich, black soil, not marsh soil, about a foot deep. Spread over it a liberal dressing of well rotted manure, about two inches thick. Dig well and thoroughly mix. Rake well and fine, leaving the center somewhat highest. Just a fine dressing of bonemeal given before raking will give color

and quality to the flowers, but should be used sparingly.

"The geranium is the oldest, best known and most popular of all bedding plants. It is easy of cultivation and will stand more hard usage than any other, therefore it is often despised and put in 'any old place' and neglected, and then abused because it does not flower well. If given a good location with proper environments it will repay the gardener better than any other bedder. Though the geranium does fairly well in a partially shaded location it should, if possible, have the full benefit of the sun. Plant them about a foot apart and give plenty of water. Keep them well watered through the summer and all faded flowers pinched off and there will be a mass of bloom all summer and fall, till frost comes.

"The best kind of geraniums to plant are young stock which are propagated by cuttings from September to February. They are vigorous, healthy, stocky and will grow rapidly. They have the finest flowers and foliage and bloom more freely than old stock. Old, saved-over plants that have been stowed away in the cellar all winter or in some window exposed to the hot, dry atmosphere of the house never give satisfaction as bedding plants. They are too large and lean-looking, bearing small clusters of small flowers. They have but few leaves, which are usually small and far apart. If one cuts them back before planting it will be half the summer before one gets any good from them. The only place where an old 'saved-over' can be used is in an urn out in the cemetery. The best varieties for bedding are, among the doubles, S. A. Nutt, a bright crimson, and very thrifty grower and great bloomer; Bruant, a scarlet, a good, standard variety, but rapidly giving place to the Alphonse Ricard, a very bright vermilion scarlet; Beaute Poitevine, a salmon pink shaded very light at the outer edge of petals; Jean Viaud, a soft, pure pink; Frances Perkins and Montmort; La Favorite, the standard double white.

"There are but few single geraniums used for bedding. The best are Queen of the West and General Grant, scarlets. Nearly all the whites are good. There is one single geranium that stands high up in the list of bedders, E. G. Hill, a salmon pink. No bed of geraniums is complete without a border and I know of no plant better than the pretty little silver leaved geranium, Mme. Salleroi.

"The next in importance is the coleus. Though they do well in a shady place, in order to bring out the beautiful colors they must have the full benefit of the sun and plenty of water. They are propagated by cuttings in March and April and grow very rapidly, especially as the weather grows warmer, for they are a hot weather plant.

"I put cannas and caladiums together as caladiums are seldom used except with cannas. A bed of cannas with two or three castor beans or an African banana in the center and surrounded with caladiums is indeed a very fine bed. It gives a tropical appearance and a cooling effect in hot weather. When one has a large lawn they are one of the finest beds to be had."

DAHLIA PROPAGATION.

In view of the recent discussion with regard to dahlia propagation, the following from the pen of Richard Dean, descriptive of "The Dahlia Industry" in Great Britain will be of interest. The extract is from an article in the Gardeners' Magazine for April 12, 1902:

"During February and March the work of dahlia propagation is in full swing. The large grouud roots kept through the winter, and such pot roots as may be required of some varieties, are half buried in soil over pits in propagating houses, through which pass hot-water pipes. Growths are thrown up from a circle of eyes formed round the base of the previous year's main stem. As soon as they are three inches or so in length, they are taken off and placed round the sides of small pots in a prepared suitable compost, plunged in a heated dung or hot-water frame, where they make roots in from three to five weeks, according to the time of year; they are then potted singly in thumb pots, returned to a close frame till root action commences, gradually hardened off, and in April placed in a cold frame for the execution of orders.

"It is usual for the green plants unsold or retained to be stood close together on an ash bottom in a cold frame; they are abundantly watered overhead in dry weather, and in the autumn cut down, turned out of the pots, and dried; they are then known as 'pot roots,' and are very useful for sending long distances during the winter months, and for the execution of orders at that season of the year."

SOMETHING FOR THE STREET.

Will you or some of your readers kindly make some helpful suggestions. A customer wants a row of plants out near the curb on a prominent street. Cannas were tried last year but were not entirely satisfactory. Direct sun does not reach them till about 11 a. m. and between 3 and 4 p. m. they are in the shade of trees on the other side of the street. Something showy without being very elaborate or expensive is wanted. What will serve the purpose? Also, is the water hyacinth safe or satisfactory for an aquarium? We get many helpful hints from the Review and always look through the classified list when in need of plants. F. A. F.

From the limited amount of sunlight that this row of plants would get it is not easy to suggest any showy flowering plants. It is too shady for geraniums or salvias, and, as cannas were tried, it is supposed that something rather tall is wanted. Why not plant a row of some free-flowering herbaceous plant? Rudbeckia Golden Glow, the dwarf double sunflower, Tritoma Pfitzerii, or still better, the perennial phlox, either of these would make a fine show and last a long while in bloom.

Now, I can scarcely imagine a row of flowering plants "out near the curb" of the street; that would be outside the property line and would, I should imagine, have a ginger bread sort of appearance unless the whole street was so embellished. If this row of plants is put there to define the property line, as fences are, then I should decidedly say don't put either bedding or herbaceous plants there, because they would be out of place. Plant a row of the beautiful little shrub, Berberis Thunbergi, pretty, neat and attractive in flower, foliage and fruit. Left to its own free growth it is compact and graceful, or it can be kept to a smaller or more formal shape with shears. It is there all the year and far more pleasing, as well as suitable for the position, than any of our summer-flowering tender plants.

The water hyacinth is all right for an aquarium, but it is a most rampant grower, as the conditions of the rivers of Florida testify. As it spreads throw away the older plants or it will soon cover the entire surface of the water. It is safe in every other way. W. S.

HYDROCYANIC FUMIGATION.

Results of Various Experiments.

The most widely used insecticide for greenhouse fumigation is tobacco in its various forms. In many instances it is without doubt the cheapest and safest insecticide to use against plant lice and a few other greenhouse insects. Its effectiveness, however, under the best conditions is not great, as it requires repeated use at short intervals. Moreover, it may cause serious injury to the plants. In the case of violets it has been found to be of only slight value against plant lice working in the bud, and while it may destroy the so-called green aphis when exposed it is not effective in killing the brown aphis. On the other hand, tobacco may prove injurious to the foliage and flowers, bringing on epidemics of spot. Tobacco is also useless against scale insects in general and mealy bugs. The desirability of some insecticide as easy to use as tobacco but more penetrating and effective and less likely to injure plants was apparent and became absolutely necessary in our study of the diseases of certain crops, write A. F. Woods and P. H. Dorsett in their bulletin on the use of hydrocyanic acid gas.

Hydrocyanic acid gas since its introduction by the United States Division of Entomology in 1886 as a remedy against scale insects of the orange has proved of great value as an insecticide. Previous to our experiments early in 1895, though it had been occasionally tried in greenhouses, hydrocyanic acid was not recommended on account of its injurious effects upon plants. As a result of a series of careful experiments we found that, as a rule, plants were less injured by a short exposure to a relatively large amount of gas than they were by a long exposure to a relatively small amount. On the other hand, a strong dose for a short time was the most effective in killing insects. Different species and varieties of plants, however, were found to vary remarkably in their power of withstanding the poison. This in many cases appeared to depend upon the open or closed condition of the breathing pores, as well as upon peculiarities of the cell contents. Fumigation an hour or two after sundown, with the temperature as low as practicable, was found to give the best results. In all cases the foliage must be perfectly dry or it may be injured by the gas. In each case the proper amount of gas to use and the length of exposure must be determined by experiment. It is impossible at present to give a general rule applicable to all plants in all stages of development. When the conditions are once determined they must be strictly followed to insure the greatest success. The cyanide, as well as the gas made from it, is exceedingly poisonous, and both must be used with the greatest care.

The following are some of the crops on which the gas has been successfully used:

Ferns—For Davallia Mooreana infested

with a scale insect .075 gram of ninety-eight per cent potassium cyanide should be used for each cubic foot of space to be fumigated, not deducting the space occupied by the plants. Length of exposure, twenty minutes. Adiantum cuneatum and A. Ballii have been tried on a small scale and were not injured by the treatment.

Coleus—Golden Bedder, Verschaffeltii and others; 24,000 plants in pots, badly infested with the white-tailed mealy bug. The house contained 15,587 cubic feet of space. Treated at the rate of one-tenth of a gram of ninety-eight per cent cyanide of potassium per cubic foot of space for twenty minutes, one hour after dark. Mealy bug all killed and plants not injured in the least. All other means of destroying mealy bug had been tried without effect. Large numbers of the common mealy bug were also killed by this treatment, but it was not nearly so effective as for the white-tailed mealy bug. All coleus cuttings made by the United States Propagating Gardens for the past two years have been fumigated before being prepared for the cutting bed.

Double Violets—Marie Louise, Lady Campbell and others. For plant lice and general fumigation fifteen-hundredths of a gram of ninety-eight per cent cyanide of potassium for each cubic foot of space is required. The exposure if made according to directions will not hurt the plants in any stage of growth. The gas has been used on a large scale in fumigating violets for the past three years with the greatest success, only a few treatments during the season being required. Length of exposure, twenty to thirty minutes. Leaf-eating larvæ, slugs, millipedes, cutworms, etc., when exposed are killed as well as plant lice. Red spiders, however, are not entirely eradicated by the treatment. The foliage of single violets, like California and Princess of Wales, are sometimes slightly injured by the stronger dose of gas. A weaker dose (one-tenth of a gram potassium cyanide per cubic foot) should be used when they are to be treated.

Roses—Perle des Jardins, Mermet and Bride. The young growth on roses is particularly sensitive and has been more or less injured in all our experiments.

Carnations—Scott, Garfield, Meteor and McGowan will stand one-tenth of a gram ninety-eight per cent cyanide per cubic foot of space for fifteen minutes without material injury. This will kill about ninety per cent of the plant lice, but will not kill thrips. The use of the gas for carnations needs to be more carefully investigated before it is recommended. The same is true of chrysanthemums, on which it has been tried with only partial success, the young growth being very sensitive.

BOSTON.

The Market.

Cut flower prices have hardened considerably during the past week, continued cold weather and an increase in social activity each assisting. American Beauties bring $25 for the best, but quite good stock is to be had for from $10 to $15. Brides and Bridesmaids are of good quality, $6 to $8 being the ruling price, extra fine stock selling at from $10 to $12 per hundred, and poor grades down as low as $8 per thousand. Liberty brings $20 to $25, and a variety of hybrids from $2 to $16. Carnations bring from $1 to $2, fancy stock being $3 to $4, and a few selling even higher. Quality continues first-class. Violets are still fairly plentiful at 40 to 50 cents per hundred for the best. Lilium candidum is more plentiful, and sells better than Lilium longiflorum. Sweet peas seem to be as numerous as in July, the best going for $1, ordinary grades selling for one-fourth that price. Antirrhinum, stocks, pansies, violets, lilacs and other flowers are plentiful. Gladioli are seen in one or two stores.

Club Meeting.

The last meeting of the Boston Gardeners' and Florists' Club, on April 20, was very successful, about fifty members being present. Five new members were elected. President J. A. Pettigrew was appointed chairman of a reception committee, which will include members from the various horticultural interests in Boston and vicinity, for the coming meetings of the C. S. A. and A. R. S. in Boston.

It was voted to award $50 in special prizes at each of these exhibitions.

Peter Fisher's paper on carnations, elsewhere reported, caused a very interesting and instructive discussion in which many of the members participated. For commercial growers it seemed to be the opinion that indoor culture will eventually supersede the present plan of lifting from the field, but the fact that it pays growers to run their plants the last of June may prevent its general adoption. In regard to fertilizers, Mr. Fisher uses sheep manure and bone. In using the latter he mixes one-half with his compost in the fall, the remainder in the spring; he did not measure quantity used. He considers horse manure equal to cow manure, especially if the latter is fresh. Mr. Patten has had excellent results from placing two inches of cow manure in the bottom of his benches and mixing none in his compost. He has grown equally good carnations in coal ashes, meadow mud and loam by mixing other needful ingredients.

Mr. Fisher considers there is no necessity to hose plants for red spider if plants are syringed once in ten days with salt and water, two tablespoons of salt to a pail of water. Rust will be entirely overcome by indoor culture. J. K. M. L. Farquhar said naphthalate of soda was recommended to him by an eminent French professor as a cure for rust. For fumigating Mr. Fisher uses tobacco dust. M. A. Patten considers watering of outdoor stock, if it can be thoroughly done, of great benefit, giving instances to prove it. Mr. Fisher does not believe sub-irrigation will be generally adopted; it is too expensive and too dangerous. Charles Sander spoke of the "critter" which causes trouble to outdoor blooming stock by stinging the shoot below the bud. Fumigation clears it away indoors.

James Wheeler spoke of his acquaintance with Peter Fisher on coming to America, and stated that Mr. Fisher wrote to him from America nineteen years ago, when he was coming over, to be sure to bring him a plant each of Croton Chelsoni, white cyclamen and Malmaison carnation. He was then with the late David Allan, and even in those days had a strong regard for the divine flower. The speaker denounced the comparisons of Fiancee and Enchantress recently given in a contemporary. Others spoke in a similar vein.

J. W. Duncan gave a list of varieties disseminated by Peter Fisher. Those of his own raising included Edith Foster, Freedom, Boston Market, Gov. Wolcott, Mrs. Lawson, Enchantress and Mrs. M. A. Patten. Other seedlings are being tried, some of which will create a sensation later.

John Farquhar spoke of visits he has paid to carnation establishments in Europe, including Turner's and others, in England; Benary's, in Germany, and Vilmorin's and others, in France. Kenneth Finlayson advocated the use of Malmaison blood to produce strength of stem, size of flower and fragrance. Mr. Fisher has never used any of this blood. He has always selected extra fine plants of varieties to be crossed, and uses the very finest flowers when the plants are at their zenith; to this he attributes much of his success.

The Chicago Carnation Co. showed a vase of The Cardinal, which created a favorable impression. Emil Johansson, gardener to J. E. Rothwell, showed a finely flowered plant of Odontoglossum Pescatorei carrying forty-five flowers on a spike grown in leaf mold, also a poorer specimen grown in fern fiber. This provoked a discussion of the merits of the two composts in which Messrs. Johansson, Craig, Pettigrew, Finlayson and others took part.

Various Notes.

Doyle made a fine display of the yellow Calla Elliottiana in one of his windows the past week.

Horse show week was the occasion of numerous receptions and dinner parties. Ladies attending the show carried more flowers than ever before. Violets seemed to be the favorite. Violets mixed with English primroses were also popular, as were white roses and gardenias.

An immense amount of damage was done during the past winter to trees and shrubs in this section by field mice and rabbits. At the Arnold Arboretum some thousands of shrubs are ruined, many of them very valuable ones. As snow lay on the ground continuously for fully three months, these animals were driven by hunger to eat the bark from trees and shrubs.

N. F. McCarthy & Co.'s auction sales of nursery stock continue to attract plenty of buyers. Roses, especially, are selling well, owing to the heavy mortality in outdoor stock the past winter.

The governor's proclamation this year recommends the destruction of injurious insect pests on Arbor day. This advice is excellent, as our gypsey, brown-tail, tussock and other moths, also beetles, canker worms and similar foes are very numerous. The trouble is that Arbor day comes too soon, April 30, for some of these pests to show themselves.

Weather conditions continue to be quite extraordinary for April. Temperatures as low as from 16 to 20 degrees have been recorded as late as the 23d, and showers have mostly been of snow. In our neighboring state of Vermont a foot of snow, fine sleighing and a temperature of zero were the conditions on the 20th. The run on the coal pile is continuous, and a change to warmer conditions will be very welcome to florists, to whom the past winter has been a very expensive one.

W. N. Craig.

Benton Harbor, Mich.—F. L. Tornquist has removed here from Elkhart, Ind.

CHICAGO.

The Market.

The market has been very erratic during the past week. The ups and downs of the mercury have been reflected in the receipts, and also in the demand for stock. The out-of-town buyers are heard from regularly, and the number of shipping orders going out is satisfactory, but the size of the boxes is out of proportion to the supplies on hand. In some quarters it is said that the rose cut is going down, but there is still more first-class stock than the trade can use, and the better grades are many times sold at a sacrifice. Cheaper roses clean up better, because the bulk of the requirements is for funeral work. Carnations have taken a relapse after the few days of stiffening prices last week. There are large quantities of Easter lilies and callas still about, but other bulb stuff is little seen. Violets are practically out of the market.

The receipts of smilax have increased slightly, and there is an abundance of asparagus, but it is in very good demand, as the scarcity of hardy ferns throws the call more or less to other greens. Some of the dealers still have a few cases of ferns in cold storage, but they are all rapidly drawing near the end of their supplies, and prices are going up in consequence, as no one wishes to run entirely out before the new crop is in sight.

Various Notes.

John T. Muir, manager of the estate of S. Muir, has completed the construction of a row of stores and apartments at Grand boulevard and Forty-seventh street. The retail flower store will shortly be removed to one of the stores in the new building and the structures and lease at the old stand, 3530 Michigan avenue, where the business has been located so many years, are offered for sale. The change was prompted by the fact that trade has been steadily moving south for several years and by the opportunity to make a favorable ninety-nine-year lease on this admirably located corner.

The bowlers held a meeting Tuesday evening to discuss the season's work preparatory to the S. A. F. contest at St. Louis. There was but one dissenting voice on the proposition that a try-out should be had, and the proposition of George Asmus, that a handicap tournament be rolled at the same time, to keep up the interest, was generally approved. The committee of the Chicago Florists' Club, which has bowling matters in charge, Phil Hauswirth, George Asmus and George Stollery, will prepare rules for a contest to begin at the Gereaux alleys on Tuesday evening, May 10, when everyone interested in the club's bowling is asked to be present.

P. J. Hauswirth goes to Quincy Saturday night to spend four or five days at a state meeting of Red Men.

The Fleischman Floral Co. is moving from State street to the new store which was leased some time ago in the Railway Exchange building, at 3 Jackson boulevard.

Among the spring flowers in the market this week were peonies from New Orleans, lilac, jonquils, narcissi and arbutus from the south. The E. F. Winterson Co. is getting in from 40,000 to 50,000 jonquils and narcissi a day.

After May 1 N. C. Moore, who has bought the Morton Grove greenhouses, formerly owned by Paul Kreisman, will occupy the sales counter in the Flower Market recently vacated by M. Winandy.

J. A. Budlong is putting in a new and much larger ice box.

Bassett & Washburn have 12,000 bulbs of Lilium longiflorum giganteum in cold storage for summer and early autumn forcing.

At the Florists' Club last Wednesday evening Prof. H. Hasselbring read an essay on coal. The Chicago Carnation Co. exhibited vases of Fiancee and The Cardinal carnations. Fiancee has been shown several times this season and at each appearance it makes a more favorable impression.

Albert Amling's addition this season will cover ground 128x265. He expects to plant it to asparagus eventually, but will put in other crops at first so that he does not get his cut all in at once. Poehlmann Bros. Co. will also build two large asparagus houses this year.

The John C. Moninger Co. reports that the greenhouse material business for this year is considerably ahead of last season.

A. Lange has been ill for a couple of weeks and Chas. Balluff is helping out at the Monroe street store.

Peter Reinberg is the Mayor's choice for delegate to the national democratic convention against Sheriff Barrett, who represents the other faction of the party. Thus far in the contest Mr. Reinberg is ahead.

Visitors:—L. A. Jennings, New Castle, Ind.; J. J. Van Leuven, Brighton, Mich.; Mr. Lozier, Des Moines, Ia.

NEW YORK.

The Market.

Monday was the hottest April 25 in seven years. The long delayed, snowbound and sidetracked spring is here. With a temperature of nearly 80 degrees the transition from the snow storm of a week ago is oppressive. From now on there will be night and day work for the seedsmen and nurserymen and the accomplishment of six weeks will have to be completed in less than half the usual time. Never was a winter more disliked and the kick he received as he departed was a universal one.

Extra fine sweet peas and tulips are abundant. Ford Bros. are handling immense quantities of them. The extensive carnation output of novelties from the Cottage Gardens still keeps the force at John Young's hustling and the orchid supply at this center is always abundant and superb. Brunner is king just now, even Beauties doffing their caps to the transient favorite. The supply is abundant. Langjahr handles a large quantity of them daily. The warm spell will see the farewell of the violet. Quality and quantity now are at low ebb. The end of the week will see their finish. Prices on all kinds of cut flowers are falling. The decline began on Monday. The week promises to still further depreciate values. Narcissi and tulips were in good demand last week and prices were excellent, as also were lily of the valley and smilax. The spring weddings continue abundant and the retail houses share the honors equally. Some of the most elaborate of the year occur this week.

Various Notes.

Charles Millang is utilizing his conservatories now for a choice selection of bedding plants of all kinds, a great convenience to the city retailers without facilities for the proper care of perishable stock.

Lager & Hurrell, the orchid specialists, of Summit, N. J., have arranged with James McManus, the wholesaler of West Thirtieth street, to handle their entire supply of cut orchids and are shipping a fine variety and quantity to him daily.

The American Institute of New York has decided to hold a great flower, fruit and vegetable exhibition at the Herald Square Hall, November 8 to 17 inclusive. Complete arrangements have already been consummated for the big show and a new departure may be noted in the continuance of the exhibition over Sunday, that day being made the popular day of the celebration. The committee in charge includes Dr. Hexamer, C. H. Allen, Dr. Taylor and Mr. Engleman.

Henry & Lee, the Bermuda, China and Japan importers, have moved into very handsome and commodious offices, one flight up at the old number, 97 Water street. Mr. Henry is still visiting his western patrons.

The Stumpp & Walter Co. is doing a big nursery business this season. The display at both its stores includes every variety of fruit tree, shrub and rose worthy of cultivation. They have some exceptional values in dahlias of all the best kinds for September and October flowering.

William Ghormley celebrated his "steenth" birthday on Friday last and we noted a handsome silver headed cane encrusted with violets.

The Morris County Gardeners' Bowling Club is growing quite chesty since Mr. Duckham's recovery and Mr. Herrington's return to this country and contemplates challenging that aggregation of veterans, the New York Club, to a series of contests. It will be a case of Russia and the Japs, so far as the ultimate result is concerned. It's a shame to have to do it, but unlike the Russians the New Yorkers are ready for the fray and the foe.

A week from Monday evening comes the exhibit of bedding plants at the rooms of the New York Florists' Club and the humorous lecture by William Elliott, the veteran auctioneer, and the wit of the organization. The combination of exhibit and discourse should crowd the rooms. The promise for a successful outing seems already assured. Out of over 200 tickets sent to the club members only two have been returned and these were from members whose absence in Europe on June 29 would prevent their attendance. Every member with the club's welfare at heart will be there. Remittances may be made to Charles Schenck, treasurer.

The new fern, Scottii, seems to grow rapidly in practical, popular favor. Mr. Scott has already many orders booked from the leading plantsmen of the country. If they can grow it as well as Mr. Scott there is no doubt of its general popularity.

The friends of Alex Wallace, the genial author of The Heather in Lore, Lyric and Lay, will be pleased to know of the recovery of Mrs. Wallace from the effects of a severe accident that necessitated a surgical operation.

The Hinode Florist Co. will soon remove its headquarters from Secaucus, N. J., to Woodside, L. I., and will also erect additional greenhouses at Whitestone, L. I., during the season. This company

made a phenonenal record with its lilies this season and its fancy dwarf Japanese productions are a part of the decoration of all the leading retail establishments.

Bowling.

The attendance at Monday evening's game was inexcusably light, the warm weather and the evening both making the enthusiasm scarce. A change to a more generally desirable and convenient evening seems a necessity. Some of the faithful show marked improvement in the averages, however, as the following scores demonstrate:

Roehrs	125					
Traendly	124	164				
Craw	100	149	161			
Guttman	121	131	134	134	153	
Gibbs	116	126	129	131	135	157
Frank	153	155	155	156	160	164
Shaw	125	130	143	159	170	171
James	147	148	155	159	168	191

J. Austin Shaw.

DENVER.

Current Topics of Interest.

Business among the retailers has been quite satisfactory. The cut flower trade has kept up remarkably well considering the absence from our city of many of our best entertainers. Carnations, as usual at this time of year, are quite abundant and a few varieties of roses are also in excess of the demand. All spring flowers are rather scarce; especially so are shrubs, which generally fill up a vacancy at this time of year. The recent frosts have been very detrimental to lilacs and the crop for this spring will be almost a total failure. Consequently Mr. Valentine, of the Park Floral Co., is importing this popular flower from California and those already arrived have come through in pretty good condition, some of the varieties retaining their fragrance. Judicious cutting and careful packing would insure more satisfactory results from many of the California products in t floral line.

The past season has been so satisfactory that several additions are now under way with the growers. Davis Bros. are adding to their carnation houses. Fred Hall is increasing his rose plant and the Park Floral Co. is building a range of carnation houses for summer use. These are of the simplest construction and will be covered with light muslin through the hot summer months. The carnations now in the houses will be transferred to them and will in every respect get a field cultivation. This system has been practiced heretofore on American Beauties, with very satisfactory results. The transparency of the muslin admits enough light and the partial shade creates a longer stem growth and a better color in blossom, two defects impossible to overcome in the open ground in this climate. The transferring of the carnations at this time of the year enables them to plant up the houses at an early date, which insures more satisfactory results in September than from those lifted from the field.

Old-fashioned flower gardens are coming into vogue here. Shrubs and perennials have been in good demand this spring and an annual increase in the call for this stock is looked for hereafter. Many of our natives do very well under cultivation.

The Park Floral Co. has propagated several thousand Begonia Gloire de Lorraine and is now shipping them east.

Albert E. Mauff, of Harmon, is a candidate for alderman of his ward and, although his constituency is in the minority, relies upon his popularity to gratify his aspirations.

The members of the Scott Floral Co. are contemplatng a little recreation in the near future; Scott will visit St. Louis in May and Reynolds will go to California in June. Both have overworked since they started into business last December.

John Ferris, who has been growing carnations for the Colfax Avenue Floral Co. for the past ten years, is to become a frnit grower in the future, but thinks he will not be able to pick all the strawberries himself, so consequently is going to take into partnership one of the gentler sex. Great Divide.

ST. LOUIS.

The Market.

The conditions of the market have changed but little from those of the previous week. The weather had a great deal to do with trade. The early part of the past week we had a snow storm, which interfered greatly with the landscape work about town and at the World's Fair grounds. A few weddings in the west end and considerable funeral work among the down-town florists is about all that can be reported this week.

The opening of the great World's Fair on Saturday should make trade in cut flowers lively. Prominent men from all parts of the world will take part in the opening exercises, and quite a number of orders for this occasion have been reported. The great concourse of people that the opening will attract should be of much benefit to our trade, at least until the real hot weather sets in.

The consignments at the wholesale houses the past week were quite heavy, and prices a trifle easier on first-class stock. Carnations are greatly in excess of demand, with extra fine quality going at $3, good firsts $2 and $2.50, and common at $1.50 per hundred. The prices run considerably less in thousand lots. White and Lawson seem to have the best call. The rose stock is abundant at present, also of fine quality, with the prices somewhat unsettled; 6 cents buys some very fine stock. Fancy Beauties sell at from $3 to $4 per dozen. These are limited, the lesser grades being more plentiful, with a good demand. Sweet peas are coming in more plentifully with a good demand at 25 and 50 cents per hundred. Lilacs are expected from the south this week. The first of these, when they arrive in good condition, generally sell well. Bulb stock is overcrowding the market, and it is impossible to qoute it at any regular figure. Paper Whites, Romans, tulips, Von Sions and jonquils are most plentiful, and a lot of these have to be dumped for want of room. Harrisii and calla lilies are also equal to all demands.

Plant dealers at Union Market report a fair business the past week. With warmer weather the bedding plant trade will be at its height by next week, and peddlers will again be seen in the residence districts, with planting going on in all parts of the city. Seedsmen, too, are having a busy time of it just now.

Various Notes.

Superintendent Perry, at the World's Fair grounds, reports that comparatively little of the landscape work remains to be done, and that the remaining work can be easily accomplished by the end of this week for the opening of the fair. There are now some four hundred landscape gardeners at work on the grounds, which number will be increased to 600 for this week.

Prof. and Mrs. William Trelease were at home Sunday, April 24, to meet the members of the St. Louis Cactus Society.

Charles Juengel reports that during the heavy snow storm of last week forty feet of one of his greenhouses fell under the weight of the snow, causing considerable damage to bedding stock.

Henry Ostertag reports a good trade in wedding decorations and funeral work the past week.

The Riessen Floral Co. is kept busy with hotel decorations. They have quite a number of orders for receptions for this week. Mrs. Buechel and a number of girls are always busy with some kind of work.

Phil Goebel, of Tower Grove park, has a fine lot of plants ready for planting out, which will begin early in May. This park is one of the brightest spots in our city. The head of the park, James Gurney, and his able assistant, Phil Goebel, will make this park the most attractive in the city for World's Fair visitors. This park does not come under the jurisdiction of the city park department.

George Heimgartner, who came here with Mr. Karlstrom, of Hartford, Conn., to complete the landscape work for their state building, was sent to the Emergency City hospital, and was declared insane by the superintendent and Dr. R. L. Moore. The latter was sent by your correspondent, who was notified of the young man's condition by Theodore Wirth, superintendent of parks at Hartford, Conn. The young man will be given every attention until some of his people arrive and take charge of him.

Bowling.

The five high average men of the Florists' Bowling Club played a return match with the strong Rosedale team on the Palace alleys last Friday night. Charles Kuehn was in grand form, with Theo. Miller second. The score below will tell our rivals how good we bowled by winning two of the three games:

Florists.	1st	2nd	3rd	T'l.	Av.
Beneke	136	183	201	520	173
Miller	162	180	193	525	175
Beyer	133	156	158	447	149
Kuehn	172	221	156	549	183
Ellison	143	159	212	514	171
Totals	746	899	920	2565	171
Rosedales	830	865	826	2521	168

The two teams of the Florists' Club met again on the Palace alleys Monday night. Following are the scores:

Team No. 1	1st.	2d.	3d.	T'l.
Beneke	180	188	217	585
Miller	144	149	171	464
Weber	127	174	156	457
Meinhardt	127	116	150	393
Bettingen	150	155	155	464
Totals	728	782	849	2363
Team No. 2.	1st.	2d.	3d.	T'l.
Kuehn	149	170	158	477
Beyer	176	172	172	520
O. R. Beneke	122	112	120	354
Ellis	123	152	135	410
Gerlach	93	136	129	358
Totals	663	742	714	2119

J. J. B.

Mt. Holly, N. J.—Conrad Beyer will build a greenhouse at his place on Green street.

Eaton Rapids, Mich.—Mary La Fever has a good, growing business in the florists' line.

PHILADELPHIA.

The Market.

The week opened with an increased supply of flowers, many of them of rather poorer quality, due to the sudden change in the weather. The demand most satisfactory last week has fallen off and prices are receding. Sweet peas continue active; prices for fancy white and lavender are above market quotations on some days. Violets are still with us and sell well. Daffodils are exceptionally fine. W. K. Harris has a fine lot of Emperor. Daisies and pansies sold pretty well. Roses are plentiful; the best are in demand. Carnations are fair stock, not nearly as good as a week ago.

The Florists' Club.

A special meeting of the club was held last Monday evening to endorse Edwin Lonsdale for the position of gardener at Girard College, to succeed the late George Huster. Prompt as was the action of the club, it became known before the meeting that the powers that be had already come to an understanding with Mr. Lonsdale regarding his taking charge of the college greenhouses and grounds. The appointment is a splendid one and should make this oasis in the desert blossom even more abundantly than in the past.

An April Wedding.

A pretty idea carried out recenty on Walnut street for a wedding breakfast was the canopying of adjoining yards with wild smilax. In this improvised dining-room carpeted with rugs, eighteen small tables were placed for the guests at the wedding breakfast. Each table was adorned with a different kind of spring flower. The bride's table had lilies of the valley. A table each was decorated with daffodils, daisies, mignonette, Narcissus poeticus, heliotrope, pink sweet peas, white sweet peas, purple sweet peas, freesia, and so on. A beautiful idea, but rather a tempting of providence, one would think, in this month of showers. The church old St. Peter's, with its high pews and galleries, was put in holiday attire with Easter lilies and pink carnations, a plan effectively carred out by Hugh Graham, in whose hands both house and church were placed.

Various Notes.

H. H. Battles had an elaborate wedding decoration on Saturday, both in church and house. White sweet peas, lilies and choice ferns were largely used. Pennock Brothers have been very busy with handsome wedding orders on Monday, Tuesday and Wednesday of this week.

J. J. Habermehl's Sons had the decorations for the banquet given by the National Casket Company.

Joseph Renard's Sons, of Unionville, Pa., have purchased the place and greenhouses of E. J. Cloud, at Avondale, Chester Co., Pa.

August Doemling is sending in some fine Liberties to S. S. Pennock.

W. E. Fowler & Co., Silverside, Del., are sending in excellent Brides and Maids to C. F. Edgar & Co.

Joseph Johnson, of Hightstown, is sending probably the best violets coming to this city to the Flower Market.

The junior partner of the firm of Hoskins & Giles, in Reading, was in town this week.

Edward Reid had some fine shipping orders this week.

M. Rice has arrived safely in Europe.

A calceolaria show, a novelty here, is being held in Horticultural Hall, Fairmount park, this week.

When a florist calls to know just what kind of stock you grow and you have an awful fright because your houses aren't "all right."

Keep him talking in the shed,
About boilers, fuel, pipes o'er head;
Anything in that line will do,
Till too dark to show him through.

Phil.

.....BUSINESS AND OTHER NOTES.....

New Cumberland, Pa.—J. A. Kepner, who has been seriously ill with pneumonia, is now improving.

Hopkinsville, Ky.—T. E. Metcalfe will considerably enlarge his establishment this year.

Boulder, Colo.—The Cannon Floral & Seed Co. is starting in business, building five Dietsch short-roof greenhouses, each 16x104.

Oxford, O.—W. M. Hull has given up his lease on the greenhouses at Rosemore. The proprietor, A. T. Roudebush, is now in charge.

Streator, Ill.—This has been a very good season for W. C. Hill and he will add two good-sized houses to his plant this season.

Rochester, N. Y.—At Highland Park a greenhouse 22x100 and a propagating house 12x100 will be built at once, with a potting shed 16x100.

Fort Scott, Kan.—W. C. Zimmer says that this has been an ideal spring. The demand for bedding plants is greater than the supply.

Springfield, Ill.—Messrs. A. C. Brown and A. C. Canfield have begun work on their new ranges and will have them ready for early planting.

East Palestine, O.—J. N. Spanabel has purchased a tract of land adjacent to his greenhouses, which he contemplates enlarging in the course of time.

Council Bluffs, Ia.—J. F. Wilcox has ordered material for a rose house 32x275 feet and is contemplating a whole new range in another section of his plant.

Kalamazoo, Mich.—J. J. Curran, who for nearly six years has had charge of the greenhouses of G. Van Bochove & Bro., has resigned and will remove to Elmira, N. Y., to become superintendent of the new range of the United States Cut Flower Company.

Utica, Ill.—Frank J. Baker has bought a tract of land on Sunset avenue and will erect six greenhouses 18x150 feet. There will be a shed along one end and the range will be heated by two seventy-five horse-power steam boilers. The plant will be devoted exclusively to roses.

Montclair, N. J.—A Ghent, Belgium, exporting company is suing Robert Chesney to recover $128.32, the value, duty added, of certain plants ordered by Mr. Chesney when the plaintiff's agent visited him April 10, 1902. Mr. Chesney contests on the ground that he refused to accept the plants because they were not what he ordered.

Rhinelander, Wis.—Peter Phillip will double the extent of his glass this summer. The new house will be used for roses and carnations.

Plainville, Mass.—The second incendiary fire in this village within a week occurred April 14 at the greenhouses of Frank Sandland, the damage being $1,000.

Woodbridge, Fla.—Albert Buckwell has 3,000 feet of glass and cloth shade covering 6,000 feet. Palms are his principal output. Stock is good. Plumosus strings sell well.

Mobile, Ala.—F. P. Davis is building two new greenhouses 14x100 each. William S. Maull, of Holland, Pa., is now his foreman. Roses and carnations are in fair shape and selling well.

Owatonna, Minn.—The Clinton Falls Nursery Co. has bought the Lord greenhouses and will remove them to its grounds on West Bridge street, where the business will be continued.

Birmingham, Ala.—Hugh Seales, who does business as the Magic City Florist, has had so good a season that he is adding four houses, about 8,000 feet of glass, to his place this season.

Fitzgerald, Ga.—Joel Thomas expects to build another greenhouse 20x100 this season for general stock. He reports a good season's business, the bedding plant trade being now at its height.

Kalamazoo, Mich.—Abraham Grofvert, who has been with G. Van Bochove & Bro., will start in business for himself this summer, building a new range of about 30,000 square feet of glass.

Columbus, O.—Henrietta and Charles E. Stone have filed a claim for $1,540 damages to their greenhouses March 26 and April 1, caused by floods and a defective sewer for which they hope to hold the city.

Detroit, Mich.—John Breitmeyer's Sons have decided to name their giant antirrhinum Breitmeyer's New Pink Snapdragon and will propagate it and send it out next spring. They find it a very ready seller as soon as they can get them in, and that as early as January.

Brooklyn, N. Y.—Wm. Murphy, of 9 Dennett place, was arrested recently for whistling on the street on Sunday and the judge sentenced him to six months in the penitentiary, in spite of the fact that the young lady companions of Mr. Murphy testified that it was a boy a few feet in advance of their party who was whistling. Subsequently the judge released Murphy.

ORCHIDS!

I am now receiving the entire product of **Cut Orchids** of the well known firm of Lager & Hurrell, of Summit, N. J., which, in addition to the stock of my other large consignors, enables me to fill all orders for the

FINEST ORCHIDS of any COLOR and VARIETY

SHIPMENTS SAFELY MADE TO ANY CITY IN THE UNITED STATES AND CANADA

PRICES RIGHT AND SATISFACTION GUARANTEED

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Mention The Review when you write.

BUFFALO.

Current Comment.

While the people of the large eastern cities had the opportunity to sun themselves at a game of baseball, we were treated to nine inches of snow, and sleighing was resumed. Still, we were no worse treated than many other cities in our latitude, only if we don't get more summer than last year it can be truthfully said that our climate consists of eight months winter and four months d—— bad weather. Seriously, it is the most backward season the writer can remember in thirty-six years. Last year we sowed sweet peas in the open ground in the month of March. On this day, April 25, not a furrow is turned, not a pansy blossom or even a dandelion to be seen, and the misguided warblers who left their sunny southern homes last month have been seeking shelter in barns and thick woods, and their voice is not heard. This is going to make a very short season for the nurserymen to handle their deciduous trees and shrubs.

There has been nothing very momentous in the floricultural line of late; business fairly good with an abundance of material to do it with. A look in at W. F. Kasting's commission house last week was convincing that flowers were plentiful, although those of good quality were moving off. What with moving into his large new quarters, attending democratic state conventions and advertising Adiantum Croweanum, W. F. has been a very busy man of late.

Prof. Cowell is home from Jamaica with a large assortment of West Indian plants. The Professor penetrated some of the tropical jungles that he thinks were not previously botanically explored. At any rate he has brought back several plants new to science. He escaped all snake and tarantula bites, and looks as tough as the commander of a Japanese cruiser.

Among the visitors in town of late was Mr. Gowdy, representing the Henry A. Dreer Co., and James W. Begbie, in the interest of Arthur T. Boddington. Mr. Begbie was accompanied by his wife. This is a good idea, having the "Missus" along, and in many cases would redound to the benefit of the home office.

A novelty in spring flowers this year are dahlias. The William Scott Co. has been cutting a number of fine blooms of late, but they were not quite in by Easter, because they were not planted in the bed before the third week in January, and Easter was very early. But planted about December 20, there would be no difficulty in getting them into full bearing by April 1. A vase of the beautiful single Twentieth Century is as fancy a dish as you would want to lay before a queen, and there are many other beautiful varieties.

"The Society for Beautifying Buffalo" had a bill introduced at Albany to empower the mayor to create a forestry commission. The three commissioners were to serve without pay but hire a superintendent, with necessary labor, etc., and they were to take charge of all the street trees, dictate what should be planted in certain streets, care for the welfare of the trees, remove unsightly ones, rent or buy land and raise young trees to sell to the property owners, etc. The mayor very properly vetoed it, and it's a dead bill. Uniformity of planting and the proper care and preservation of our street trees is much to be desired, but the municipality going into the nursery business is, in the writer's opinion, very absurd. I am an ardent advocate of municipal ownership of public utilities, which must essentially be monopolies, but begin at the ones that bleed us, the gas and electric lighting, telephone, etc. We can buy trees much cheaper than a city nursery could raise them, for there is no nursery trust as yet.

W. S.

GRAND RAPIDS.

The weather since Easter has been raw, rainy and very disagreeable. There were three hot July days, a transition from January to midsummer. We thought it was spring for sure, but several cold nights nipped it in the bud. No outside planting has yet been attempted.

Business has been brisk, with a shortage of flowers until this week, when trade seemed to quiet down. Save for weddings and funeral work there is not much doing. Flowers are plentiful and for the first time this winter beginning to accumulate; long American Beauties, though, are a bit short in supply. The spring peddling wagons are in evidence, both on the streets and at the main corners down-town. Plant shipping has started and promises to be the heaviest in years. All energies are being bent to get stock in shape for the rush when it comes.

The Grand Rapids Violet Co. is again having trouble in getting water.

G. F. C.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

ELWOOD TATUM, of West Branch, Ia., has the only nursery in Cedar county. His specialty is hardy ornamentals and he is doing a nice business.

THE campus of the University of Chicago will be improved at a cost of $18,000 this summer. A large amount of ornamental planting will be done.

THE Mitchell Nursery Co., at Owatonna, Minn., has had about fifty men on the road the past winter and is doing a big shipping business this spring.

THE Pennsylvania Railroad is planting several hundred thousand locust trees for tie timber at Conewago, Pa. The work has been going on for some time.

AMSTERDAM, N. Y.—P. R. Mullins is doing a large business in decorative nursery stock. He has a contract for the planting of 2,500 shrubs and roses at the home of C. W. Whitney at Loudenville.

THE nurseries at Shenandoah, Ia., are approaching the end of the best season they have ever experienced. The planting season has been unusually prolonged and the result has been a general cleaning up in all lines.

THE telegraph sends out the story of how Howard Gould tried to buy stock last Sunday morning of the William H. Moon Co., but was refused, although he promised the proprietor "the biggest order he ever got." The Moon catalogue states that the grounds are closed on Sunday.

IT is noteworthy that Hydrangea paniculata, although not introduced from Japan until 1874, is now one of the most widely distributed of plants in the United States. It is stated that some plants of the original importation are still to be found growing in the Botanical Garden at Washington.

COST OF HAIL IN MISSOURI.

The gentlemen from Missouri have been shown. They have seen that hail insurance is worth all it costs. The following is what the Florists' Hail Association of America paid out as the result of the hail storm of March 21:

W. A. Chalfant, Springfield, Mo.	$ 537.74
Wm. Plum, Springfield	14.70
Summerfield Floral Co., Springfield	357.25
Draper & Son, Springfield	240.24
Chas. Summerfield, Springfield	823.72
Rudolph Koeppen, Springfield	321.05
Ed. Quinn, Springfield	388.97
H. A. Hall, Joplin, Mo.	399.30
Perry Finn, Carthage, Mo.	89.26
Total for March 21	$3,172.21

Secretary Esler states that nearly everyone in the neighborhood was protected from loss by insurance.

ALBANY, N. Y.—The secretary of state has licensed the incorporation of the William Stuart Allen Co., New York City, horticulturists, capital $1,000. The directors are W. S. Allen, Larchmont Manor; C. H. Crowell, Richmond Hill; R. H. L. Martin, New York city.

Hardy Roses 2-year-old bushes, all leading varieties, $11 per 100; $100 per 1000. ASPARAGUS PLUMOSUS NANUS Seed, greenhouse grown, 75c per 100; $6.00 per 1000.

FRESH CYCAS STEMS, 1-6 lbs. each..... .....$8.00 per 100 lbs; 300 lbs. for $21.00.

Arthur T. Boddington, 35 Warren St., **New York.**

Mention The Review when you write.

CALIFORNIA PRIVET

				Per 1000
200,000	2 years,	2 to 2½ feet,	very bushy	$20.00
150,000	2 "	18 to 24 ins.,	" "	16.00
100,000	2 "	12 to 18 "	" "	10.00
200,000	1 year	12 to 18 "	branched	9.00
200,000	1 "	10 to 12 "	"	7.00
100,000	Cuttings,	8 ins.,	streng	.80
100,000	"	8 "	light	.60

Also have 10,000 Canna Roots in ten leading varieties from 75c to $1.25 per 100. 2000 Double Grant Geraniums, from 2½-inch pots, $2.00 per 100. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

VAN DER WEIJDEN & CO.

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Growers of Nursery and Florists' Stock such as Rhododendrons, Taxus, Boxwood, Pot-grown Plants, H. P. Roses, etc.

Ask for prices. CATALOGUE FREE. Address

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EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

Pin Oaks, 10 to 12 feet, $1.00 each, $75.00 per 100.

LIGUSTRUM IBOTA.

Hardy Japan Privet, 4 to 5 feet, $10.00 per 100; $80.00 per 1000.

Ask for list of Trees and Shrubs.

SAMUEL C. MOON, Morrisville, Pa.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention The Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.

For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write.

Good, Clean, Seasonable Stock AT CHEAP PRICES.

Alyssum, Little Gem, from 2-in. pots, $2.00 per 100
Ageratum, White Cap, " 2½-in. " 2.00 "
Achillea, The Pearl, " 2½-in. " 2.00 " $18.00 per 1000.
Asparagus Sprengeri, 4-inch, $7.00 per 100.
Asparagus Plumosus Nanus, 2½ in., $3.00 per 100; $25.00 per 1000. 4-in., $8.00 per 100.
Abutilon, Souv. de Bonn and Eclipse, 2½-in., $2.00 per 100. Celeus, 15 fine sorts, 2-in., $2.00 per 100; $17.00 per 1000. Cannas, Austria, Pennsylvania, Black Prince, Chas. Henderson and Chicago, large, streng plants, from 2½-inch pots, $3.00 per 100.
Chrysanthemums, assorted, $2.00 per 100; $18.00 per 1000. Daisy, white and yellow, 2½-inch pots, $2.50 per 100; $20.00 per 1000.
Geraniums, scented, 2½-in., $2.50 per 100.
Heliotrope, Florence Nightingale, $2.50 per 100.
Hydrangea, Monstrosa, 2½-in., $4.00 per 100; $30.00 per 1000. Honeysuckles, Golden Leaved, Halliana and Chinese Evergreen, $2.00 per 100.
German (Parlor) Ivy, 2-inch, $2.00 per 100.
Lantanas, assorted, 2-inch, $2.00 per 100.
Rudbeckia (Golden Glow), 2½-inch, $2.00 per 100.
Salvia Splendens, 2½-inch $2.50 per 100.
Violets, Princess of Wales, California, Luxonne, Swanley White and Lady Hume Campbell, nice, clean stock from 2½-inch pots, $2.00 per 100; $18.00 per 1000.
Vinca Variegated, 2½-inch, $2.00 per 100; $18.00 per 1000.
Verbenas, white, pink, scarlet, purple and mixed, 2½-inch, $2.00 per 100.
Good, streng stock from 2½-inch pots of the following named Roses:—Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Gloire de Polyantha, Mignonette, $2.50 per 100; $20.00 per 1000.
Ball of Snow, 2-year-old plants from 4-inch pots, $8.00 per 100.

The Springfield Floral Co., Springfield, Ohio

Mention The Review when you write.

Grafted Roses!

LIBERTY, BRIDESMAID, BRIDE and GOLDEN GATE

Only the very best English Manetti used, and plants are streng and vigorous, with abundant roots, ready now to ship or re-pot into 3½-in. pots.

Beauties on Own Roots.

ROBERT SIMPSON, Clifton, N. J.

Mention The Review when you write.

CHRYSANTHEMUM ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2.00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivery	1.50
Yellow Jones	1.50	Daiskov	1.50

Newer varieties on application.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

50,000 CARNATIONS FROM SOIL.

Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc. Let us figure on your wants.

Violet Stock—Write for prices. Geraniums—In flower, 4-in. pots, $6.00 per 100 without; $7.00 with. Also Kaiserin and La France roses for summer blooming.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

"Green Goods"

WE HAVE PLENTY OF ASPARAGUS, SMILAX and SPRENGERI for all requirements. Long, heavy strings; good bunches. Send us your orders. Hardy Ferns are scarce, but we shall make every endeavor to take care of our customers to the end of the season.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—40-inch stem	$4.00
24-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	$5.00 to $6.00 per 100

	Per 100	
Brides and Maids	$3.00 to	$8.00
Meteors and Gates	3.00 to	8.00
Perles	3.00 to	6.00
Roses, our selection	3.00	
Carnations	1.50 to	2.00
" large and fancy	3.00 to	4.00
Violets	.75 to	1.00
Valley	3.00 to	4.00
Poets' Narcissus	1.00	
Mignonette, per doz., 50c to 75c		
Sweet Peas	1.00	
Callas, per doz. .... $1.25 to $1.50		
Harrisii...per doz.. 1.00 to 1.50		
Asparagus, per string, 40 to 50c.		
Asparagus Sprengeri	3.00 to	6.00
Ferns...per 1000, $5.00		.50
Galax.....per 1000, $1.25		.15
Adiantum		1.00
Smilax .....per doz., $2.50. ..		
Leucothoe sprays		1.00

Subject to change without notice.

CATTLEYAS ....per dozen, $6 00
DENDROBIUMS.... ... .per dozen, 2.00
CYPRIPEDIUMS... .....per dozen, 2.00
Assorted Orchids, $5 to $25 per box.

ORCHIDS

"Get in the Habit"

Of calling up
Long Diatance Phone Central 3598,
or Telegraph, or a letter to

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

WHEN YOU WANT

Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

MILWAUKEE.

Flowers for Councilmen.

At the installation of the newly elected aldermen April 19 a great many flowers were used. The desks of nearly all the aldermen, except a few socialists, received many designs, baskets, horseshoes and miscellaneous designs. In speaking of the flowers the leader of the socialists said:

I do not believe that the practice is conducive to the best government of a city. It is true that some of the aldermen need flowers to hide their reputations and diamonds to shine for them, but we believe that the practice should be discontinued. It makes the council chamber look too much like a graveyard.

In commenting editorially on this one of the local papers said in part:

It is not difficult to believe that to the gentleman, flowers would suggest nothing but graveyards, but if there is any place in this world where flowers are inappropriate, where they are not conducive of good government, good feeling, good fellowship, human kindness, and everything else that is good, that place ought to be closed by the police and kept permanently closed. There are people to whom flowers do not appeal. There are men and women who have little appreciation for the beautiful, either in nature or art; but heaven forefend that they should ever be placed in positions of command where they can make their tastes a rule of life for their fellowmen. The practice of presenting flowers to newly elected and installed servants of the public is a graceful custom that ought to be encouraged, not frowned upon. It may mean nothing more than a token of friendship and esteem, but friendship and esteem are something, even if the giver is not worthy to sit in the seats of the godly.

GRINNELL, IOWA.—William Bittner is conducting the greenhouse at Hazelwood cemetery.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems.....per 100, $5 00 to	6 00
Bridesmaids.....per 100, 6 00 to	8 00
Bride ..... 6 00 to	8 00

	Per 100	
Ivory	$6 00 to	$8 00
Liberty	6 00 to	8 00
Golden Gate	6 00 to	8 00
Perle	6 00 to	8 00
La France	6 00 to	8 00
Kaiserin	6 00 to	8 00
Carnations, good	2.00 to	3 00
" fancy		4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

NEW ROSES CARDINAL and ENCHANTER

CARDINAL—A robust grower with massive red flowers, first class winter bloomer, perfectly hardy.

ENCHANTER—The most prolific winter bloomer, every shoot produces a flower of a beautiful Testout color; never gets off color.

Price of both varieties $30.00 per 100; $6.00 per dozen.

CASH WITH ORDER.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Vegetable Forcing.

THE MARKETS.

CHICAGO, April 27.—Radishes, 25@60c doz. bunches; rhubarb, 40lb box, 75c@$1.25; lettuce, heads, 50@70c bu., leaf, 40@50c case; cucumbers, 50c@$1 doz.

BOSTON, April 26.—Rhubarb, 7c lb.; cucumbers $3@$7 bu.; lettuce, 50c@$1 doz.; hothouse water cress, 75c doz. bunches; mint, 75c doz.; beets, $1.25 doz. bunches; radishes, 40c doz. bunches; mushrooms in shorter supply and bring $4 per 4-lb. box; dandelions, $1 bu.; parsley, $1.25 bu.; tomatoes in good demand, the best bringing 40c lb.

TOMATOES AND MELONS.

I have been reading W. S. Croydon's articles in the REVIEW on vegetable forcing, with much interest. I am growing tomatoes quite extensively this year, and at times have "windy," or hollow, fruit. One variety will be practically worthless; nice, large fruit, and no good, while beside them another kind will be good, the conditions apparently the same. Can it be that different varieties of tomatoes demand such different conditions? December 1 I commenced picking from a fine house; for forty days I picked the nicest and heaviest crop I ever had, then all at once they got very windy, almost worthless. Later on they were some better, but even now some are windy. My houses are very light, having iron posts and four to five feet of glass on the sides; they are of the Dietsch short-span pattern. It can be no fault of inferior houses and poor light. About February 25 I began picking from a big new house. For a month all the fruit was the very best in every way, but ten days ago one variety got windy, and now are very bad. It chances to be the most prolific and best shaped variety that goes wrong, and this section was run a trifle cooler, too. What variety do you prefer?

Do you grow any melons? I am at present experimenting with them. Have had a few very fine specimens, but had trouble to get good seed; it would not grow. Most I have are English varieties; can't get any French seed to germinate. Frogmore Scarlet is the best I have found thus far. Have one on the vines now that will weigh, I judge, over eight pounds. What price should such fruit bring now, and what is the best market?

C. D. G.

The trouble you mention with your tomatoes, "windy" or hollow fruit, has never come under my notice, and I am unable to say what the cause may be, or what preventive or cure might be used. But from what you say I should think that the variety has a good deal to do with it. It might be a disease that causes the trouble, or it might be that the fruits were not sufficiently fertilized to develop the seed cells, of which the inside of the tomato is largely composed. In this case the seed would be immature, and by examining them you could find out whether this is the cause of the trouble or not. The fact of your getting good fruit from the picking in December and again in the warmer spring months, seems to point to insufficient fertilization, as it would appear that it is the fruits set through the dull winter months that are most affected by the trouble. In any case I would discard the variety affected and stick to those which you say do not develop the trouble. It seems a pity to have to discard a heavy cropper that produces large well-shaped fruit, for such a variety is hard to get, but when the fruit cannot be depended on, it is not worth while to keep on growing it.

Regarding varieties, I have grown the old Lorillard for years, but find that a good many of the fruits come rough and badly shaped at times. This I attribute to insufficient fertilization, as during the fall and spring little trouble is experienced from this source; it is the fruits set during the dull and short days of winter that are apt to come badly shaped. Of late years I have depended mainly on Sutton's Best of All, the fruits of this being very uniform. It is also a healthy grower, and a good, fair yielder. Stirling Castle is the most prolific variety I have tried, though the fruits are smaller than either of the other two, and in some cases does not take the market so well.

I find it a good plan to save my own seed, selecting the best fruits from the healthiest plants and saving them either in the fall or late in the spring, when conditions are more natural than in the dead of winter, and the seed more certain of being fully developed. If you try this plan you will know just what you have, and besides averting disappointment, you will also gradually improve your strain. I do not mean to cast any reflections on the seedsmen, but no matter how reliable they may be, and no matter how careful in buying their stock, it stands to reason that it would hardly pay the seed grower to make the careful selection one can do for himself, and the seeds, though true to name, are apt to be saved from all sorts and sizes of fruit. I am satisfied that there is a good deal more in this selection than the majority of growers think.

The same remarks regarding the saving of seed hold good with melons. I find that the English varieties are best for forcing. I have tried Frogmore Scarlet, but think Royal Sovereign is an improvement. I have never gone into melon forcing to any extent; in fact, I may say I am only in the experimental stage. I cannot find any dealers who have handled greenhouse melons during the winter and spring months, as they are seldom or ever to be found in the market, since there is no demand for them, but they are a delicacy that ought to take and command a good price if the trade was worked up. Such a fruit as you describe ought to be worth 25 cents per pound, and may even command more after a trade is created. A higher price would be necessary to make them a paying crop through the winter months.

W. S. CROYDON.

ORLANDO, FLA.—J. F. Allen is doing a fine business and steadily enlarging his facilities.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

THE market gardeners have lost practically one planting.

ONION sets are well cleaned up, orders more plentiful than stock.

VISITED CHICAGO.—Chas. Loechner, of Suzuki & Iida, New York and Yokohama.

REPORTS from the east are somewhat more encouraging than those from the middle west.

THE backward season is responsible for present offerings of stocks that were "sold out" some time ago.

THE city of Pittsburg has appropriated $5,000 for the purchase of bulbs for fall planting in the parks.

SHENANDOAH, IA.—There was a small fire at Henry Field's seed house last week, but little damage was done.

WITHIN the next two weeks sweet corn and cucumber seed will be looked for and those who have the stock should not worry till after that.

CHICAGO.—The official weather report shows that on April 20 the temperature did not go above 32 degrees, on April 23 it reached 79 and on April 24 it got back to 41 degrees.

BOSTON, April 25.—Seed dealers report that there is a serious congestion of business. One firm was over 1,000 mail orders behind April 23 and some days must elapse before they can catch up. Counter trade is very heavy.

COUNTER trade in general hangs along without any great spurt. The outlook is that by the end of the season it may foot up equal to previous years, but the expense in caring for it will go into the profits heavily.

WITH the jobbers reports in general show that the extra fine weather of last Saturday gave an impetus to fill in orders the early part of the week, but the cool weather which so quickly followed put things back to where they were again.

CHICAGO.—Little change in conditions is noted since last week, no improvement in trade and very little added to the number of acres planted. The rains in the early part of week shut off seeding for onion sets. Some parts of the high ground are seeded, the largest planting reported being some thirty acres on ridge land. Several days of real good weather will be needed before the average land will stand seeding.

CUSHMAN'S HYBRID
1904 GLADIOLUS BULBS
AT PRACTICAL LIVING PRICES
Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture.
CUSHMAN GLADIOLUS CO., SYLVANIA, O.

DAHLIAS.

The cream of the varieties for florists' cut flowers. Strong Plants. Ready May 1st. **Best Whites**—Storm King, early; Camelliæflora, early; Perle d'Or, early; Guiding Star, early; 75c per doz.; $6.00 per 100. **Best Pinks**—A. D. Livoni, early; Nymphea, early; 75c per doz.; $6.00 per 100. Pink Dandy, late; Kreimhilde, late; $1.50 per doz.; $10.00 per 100. **Best Yellows**—Queen of Yellows, early; Sir Chas. Mills, early; Catharine, early; Fanny Purchase, late; 75c per doz.; $6.00 per 100. **Best Scarlets**—Lyndhursts, early; Wildfire, late; 75c per doz.; $6.00 per 100. **Best Reds**—Client, early; John Elitch, late; 75c per doz.; $6.00 per 100. All the above varieties are the very best and should be grown by all florists that grow for cut flowers during September and October. **For fuller description send for our Dahlia catalogue, mailed free.**

Branch Store, 404 East 34th Street, N. Y. **STUMPP & WALTER CO., 50 Barclay Street, NEW YORK.**

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote

Lilium Harrisii
Lilium Longiflorum
Dutch Hyacinths

and other Bulbs for florists. Send for prices, stating kinds and quantities required.

Asparagus Plumosus Nanus,
$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

FRESH

Cycas Stems

Fresh Importation.

Per 10 lbs., $1.25; per 25 lbs., $2.50; per 100 lbs., $8.00.

Tobacco Stems, per bale, $1.50

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

SPECIALTIES IN

VEGETABLE AND FLOWER SEEDS.

Mignonette—New York Market	pkt., 50c
Cauliflower—First and Best	" 50c
Tomato—Sterling Castle	" 25c
Radish—Carmine Forcing	" 05c

WEEBER & DON, Seed Merchants,
114 Chambers St., NEW YORK CITY

Mention the Review when you write.

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100	$1.50
Per 1000	13.00
Per case of 2,500	30.00

H. N. BRUNS, 1409 WEST MADISON ST. **CHICAGO, ILL.**

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

Cycas Revoluta Stems

1 to 5 Lbs. each, 300 Lbs. to case. Sold in case lots only.

SEND FOR OUR LIST OF Surplus Nursery Stock.

SUZUKI & IIDA, 31 Barclay Street, **NEW YORK**

SEEDS WORTH SOWING.

MICHELL'S STRAIN of Primula Seed is recognized as the very best in the market to-day. It can be relied upon with absolute confidence, both as to quality and freshness.

Primula Chinensis, alba magnifica, white; Holborn Blue; Kermesina Splendens, crimson; Rosy Morn, pink; Fern Leaved, mixed colors, 60c half trade pkt.; $1.00 trade pkt.

Michell's Double White and Double Mixed, Michell's choicest European Mixture, same price as above; also 1-16 oz., $2.00. Stellata (Sutton's Star), original packet, $1.25.

Primula Obconica grandiflora, fimbriata, white, 1-16 oz., $1.00; trade packet, 50c.

Kermesina, red, 40c trade packet. Rosea, pink, white, hybrida, mixed, 30c trade packet.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA.

Mention The Review when you write.

Floracroft Strain **Prize Gladioli**

IMMENSE SPIKES. ORCHID-LIKE BLOOMS.

Has received the highest awards wherever exhibited and pronounced the finest strain extant.

	Per 100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10.00
" " " 2d size	1.00	7.50
Groff's New Hybrids, 1st size	2.25	20.00
Orange and Yellow, 1st size	2.50	24.00
Striped and Variegated, 1st size	2.25	20.00
Brenchleyensis, scarlet, 1st size	$1.00	$ 8.00
Pink Shades, 1st size	1.25	12.00
White and light Shades, 1st size	1.75	15.00
American Hybrids, choice mixed	1.00	9.00
Johnson & Stokes' Special Mixture	.90	6.00

DOUBLE CHINESE HERBACEOUS PEONIES,
Splendid Roots with 2 to 5 Eyes.

	Per doz.	100
Pink	$1.25	$ 7.00
White	1.50	10.00
Dark Red	$1.25	$7.00
Mixed	1.00	6.00

Get our prices on BEGONIAS, GLOXINIAS, CYCAS and TUBEROSE BULBS.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Lawn Grass Seed in bulk and packages

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

Samuel S. Pennock, WHOLESALE FLORIST

SPECIAL RIBBONS for Weddings and Commencements.
SUPPLIES OF ALL KINDS.

Valley, Orchids, Wild Smilax.

1612 {Ludlow Street, PHILADELPHIA.

Mention The Review when you write.

TO MEASURE COAL IN BIN.

A solid cubic foot of anthracite coal weighs about ninety-three pounds. When broken for use it weighs about fifty-four pounds. Bituminous coal, when broken up for use, weighs about fifty pounds. The consequent rule for the approximate measurement of coal in a bin or box is to multiply the length in feet by the height in feet, and again by the breadth in feet, and this result by fifty-four for anthracite coal, or by fifty for bituminous coal. The result will equal the number of pounds; and to find the number of tons, divide by 2,000.

Cadillac, Mich.—A. W. Tweedie has just finished a propagating house 16x16 and is planning to add a house 25x150 for general stock.

Waukon, Ia.—J. F. Dayton, the nurseryman, handles some flowering plants, bulbs and cut flowers, as there is no regular florist in Allamakee county.

New Castle, Ind.—William Dittman is already at work on an addition to his glass, and Heller Bros. will put up another good sized range this season.

St. Louis, Mo.—J. A. McDowell is here from the City of Mexico, in charge of the Mexican horticultural exhibit at the fair. He will remain until November 30.

Washington, D. C.—B. T. Galloway, chief of the bureau of plant industry of the Department of Agriculture, is in Texas inspecting the work of his bureau in that section.

Glen Head, L. I., N. Y.—John Curwen says that Mme. Salleroi geranium seems to be in particularly strong demand. He could already have sold several thousands more to his wholesale customers if he had had the stock.

Brooklyn, N. Y.— James Weir's Sons are one of the petitioners who ask that Elizabeth H. Birdsall be declared bankrupt. They show that from December 22, 1897, to April 16, 1904, they supplied flowers and plants to the amount of $332.98, on which Mrs. Birdsall paid $25, leaving a balance of $307.98 now due.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—An all-round florist who can grow carnations, roses, mums and a general line of plants; must be temperate, competent and trustworthy; reference required; a good place for the right man. Address No. **120**, care Florists' Review, Chicago.

FOR SALE—Cheap, greenhouse plant partially consumed by fire; excellent chance for a practical grower with a little money; fine retail trade in cut flowers and design work; possession given immediately. Chessman & Schepman, Richmond, Ind.

WANTED—An A1 rose and carnation grower and propagator of hardy shrubs for catalogue business. Address J. F. Van Leuven, Brighton, Mich.

SITUATION WANTED — By young married man, aged 28, German, for gentleman's place. Greenhouses, bedding and fruits a specialty. Chas. Bode, 610 E. Ohio St., South Bend, Ind.

FOR SALE—An ideal place for greenhouse or garden; 6 city lots, 25x140, in the rapidly growing city of Corning, Cal., set to berries, roses, carnations and lilies; small house, city water, garden loam; fenced; excellent climate; 3 blocks from depot and post-office. Will sell cheap for cash on account of death. Address Walter Waugh, florist, Corning, Cal.

WANTED—At once, a reliable florist to take full charge of 15 000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 220 Madison St., Ottawa, Ill.

WANTED—Florist to take charge of small retail place by May 3, to grow carnations, roses, geranium stock; none but a steady man (single) need apply; wages $30.00 month, room and board. Address S. J. Long, Petoskey, Mich.

SITUATION WANTED—To take charge of cut flower growing plant; Chicago or the west preferred; or would take charge of good section; state wages; retail growers please do not reply. Address Wm. Kirkham, 154 South Clark Street, Chicago Hotel, Chicago, Ill.

SITUATION WANTED—By a thorough practical man as manager or foreman on place where first-class roses and carnations are in demand; has complete knowledge of general line of plants, also vegetables; now foreman on a large place in one of the Middle States; state salary and full particulars in first letter; married, no children. Address No. **122**, care Florists' Review, Chicago.

WANTED—A young man for general greenhouse work, must be quick at potting and propagating chrysanthemums and carnations. Apply stating wages required with room and board. Morton's Evergreen Lodge, Clarksville, Tenn.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered. Address No. **119**, care Florists' Review, Chicago.

WANTED—A man who thoroughly understands burning flower pots, competent to take full charge, or willing to go into the business. Apply to D. Rusconi, 32 West 6th street, Cincinnati, Ohio.

WANTED—To rent, 15,000 to 25,000 square feet of glass in good condition on or before June 1st. Address No. **107**, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant of 40,000 square feet of glass; 2 acres; must sell; have other business; write for particulars. Address No. **106**, care Florists' Review, Chicago.

WANTED—Sober, reliable man, able to take charge; retail place; 5,000 feet, roses, carnations and budding plants; steady place for a good man; state wages expected with board and room. Address Murphysboro Greenhouses, Murphysboro, Illinois.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

WANTED—We have an opening for a capable rose grower for tea section. Poehlmann Bros. Company, Morton Grove, Ill.

WANTED—Working foreman to take charge of about 35,000 square feet of glass where roses and carnations are growing for cut flowers; must be up-to-date grower; my place is ten miles out of Pittsburg, Pa.; please state wages expected with board and washing; state age and how soon you could come. Address John L. Wyland, De Haven, Pa.

WANTED—A florist; good pay and good treatment. Address No. **117**, care Florists' Review, Chicago.

WANTED—Foreman for retail place of 20,000 ft. of glass; must be a man who understands his business; not an experimenter; give references and state salary expected. Address No. **114**, care Florists' Review, Chicago.

FOR SALE—A flower, seed and nursery business in a city of 100 000 inhabitants; good location; purchaser will have his money returned in a short time out of a good trade from a business established twenty years; reason for selling, owner has another business and cannot attend to two. Address J. Seulberger, 414 Fourteenth St., Oakland, California.

FOR SALE—New duplicating sales ticket machine; most approved pattern. For full particulars, address No. **110**, care Florists' Review, Chicago.

FOR SALE—Hot-air pumping engine; safest machine made; used by many florists. For full particulars as to capacity and price, forward your address to No. **111**, care Florists' Review, Chicago.

SITUATION WANTED—By a good all around man; Missouri or Illinois preferred; best of references; state wages. Address No. **100**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—Account of health of owner, The Florence Greenhouses; completely stocked hot water heat; doing good business; price $1,000 worth $3,000. Address Templin & Co., Florence Colorado.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

WANTED.

Traveling salesman for an eastern house; one who is acquainted with private trade preferred; state experience and reference.

Address **No. 121,**
care Florists' Review, Chicago.

FOR SALE.

To be removed—11 Greenhouses, complete or in parts to suit, ample time for removal, consisting of 7,000 ft. 4-inch cast iron and 2-inch and 1¼-inch wrought iron; 5,000 sash, 10x12 glass double thick; 4 No. 16 and 2 No. 17 Hitchings boilers, and 1 steam boiler; 300 boxes 12x16 French double thick glass, $2.30 per box. All in very good condition. Address

H. HOWARD, Hawley's Estate, Babylon, L. I.

FOR SALE.

Retail florist business, established in 1865, consisting of 10,000 sq. ft. of glass in connection with store; located on one of Chicago's finest boulevard drives in fine residence section; 20 years in present location with 12 years lease to run; profitable business. Address ESTATE OF S. MUIR,
3530 Michigan Ave., CHICAGO.
JOHN T. MUIR, Manager.

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THE CHOICEST FRESH FLOWERS For Every Occasion.

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Charles F. Edgar & Co.

THE FINEST CUT FLOWERS AND GREENS OF EVERY DESCRIPTION.

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROOTED Carnation Cuttings. Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 per 1000.

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WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

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BERGER BROTHERS, Fancy Valley.

1220 Filbert Street. BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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EVERY VARIETY OF SEASONABLE SPRING FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m. Long Distance Phone.

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WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100,	$6.00-8.00

	Per 100
CHATENAY, extra select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, extra select	8.00 to 10.00
" medium	4.00 to 6.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	5.00 to 8.00
BRIDESMAID	5.00 to 8.00
GOLDEN GATE	5.00 to 8.00
PERLE	5.00 to 8.00
CARNATIONS	2.00 to 3.00
ROSES, OUR SELECTION	4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, April 27.

	Per doz.
Beauties, Specials	$3.00
" Extra	$2.00 to 2.50
" No. 1	1.50
" Shorts	.75 to 1.00
Queen of Edgely, Extra	2.50
" " No. 2	1.50 to 2.00
" " Shorts	.75 to 1.00

	Per 100
Bride and Bridesmaid	6.00 to 8.00
" " Specials	2.00 to 4.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	2.00 to 4.00
Jacqueminot, Firsts	6.00 to 10.00
" Seconds	2.00 to 5.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	2.00 to 4.00
Liberty, Firsts	10.00 to 20.00
" Seconds	3.00 to 6.00
Meteor, Firsts	5.00 to 6.00
" Seconds	2.00 to 4.00
Perle	2.00 to 5.00
Sunrise	2.00 to 6.00
Orchids, Coelogynes	12.00 to 18.00
" Dendrobium	10.00 to 40.00
Carnations, Commons	1.00
" Selects	1.50 to 2.00
" Fancies	3.00 to 5.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	35.00 to 50.00
" Sprengeri, "	50.00
Callas	6.00 to 8.00
Daffodils	3.00 to 4.00
Gardenias	3.00 to 10.00
Lilium Harrisii	3.00 to 6.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.00 to 2.00
Pansies, per bunch,	.03 to .05
Sweet Peas	.50 to 1.00
Violets	.50 to 1.00

HILLSDALE, MICH.—W. Hughes has just completed another large greenhouse to be devoted to carnations.

MANCHESTER, PA.—Albert Hake is cutting freesias and carnations in large quantities. Henry Zerby is having splendid success with his carnations and also with his sweet peas.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Valley, Sweet Peas.

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants

TO ADVANTAGE.

Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St. NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

Established 1891.

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Wholesale Florist,

53 West 28th Street, Tel. 1239 Madison Square. **NEW YORK.**

Consignments Solicited.
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JAMES McMANUS,

Telephone, 759 Madison Square. **50 W. 30th St., NEW YORK**

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

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W. GHORMLEY,

WHOLESALE COMMISSION,

The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**

My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

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WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**

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BONNOT BROS.

WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention the Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., Tel. 854 Madison Sq., **NEW YORK CITY.**

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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SLINN & HUGHES

WHOLESALE FLORISTS

Coogan Bldg., 55-57 W. 26th St., Telephone 3864 Madison Sq. **NEW YORK**

Our leading specialties: **ROSES, CARNATIONS, VIOLETS.** The best the market affords.
Shipping orders receive prompt attention.
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WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.
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CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, April 25.

	Per 100
Beauties, Specials	$15.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 6.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	5.00 to 6.00
" " Extra	3.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate	2.00 to 8.00
Liberty	5.00 to 20.00
Meteor	1.00 to 4.00
Ulrich Brunner	10.00 to 20.00
Orchids, Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Selecte	1.50 to 2.00
" Fancies	2.00 to 3.00
" Novelties	3.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, sprays, bch.	.20 to .25
Callas	3.00 to 4.00
Daisies	1.00 to 2.00
Gladiolus	12.00 to 15.00
Lilac, per bunch,	.50 to 1.00
Lilium Harrisii	2.00 to 5.00
Lily of the Valley	2.00 to 3.00
Mignonette	.50 to 4.00
Narcissus	1.00 to 3.00
Smilax	8.00 to 15.00
Sweet Peas	.25 to 1.00
Tulips	1.50 to 3.00
Violets	.20 to .50

THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSWEENEY.

N. LECAKES & CO.

45 West 29th St., NEW YORK

Tel. No. 1214 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 6th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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51 W. 28th St., NEW YORK.
Tel. 1905 Madison Square.

ORCHIDS CATTLEYA TRIANÆ and all other choice orchids in season.

Everything in Cut Flowers—the best in the market

Mention The Review when you write.

YOUNG & NUGENT,

WHOLESALE FLORISTS,

42 West 28th Street, Telephone 2065 Madison Sq. **NEW YORK.**

Cattleyas, Gardenias, Violets, Roses, Carnations and all seasonable novelties. We are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

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TEL. 756-MADISON.

NEW YORK CUT FLOWER CO.

GENERAL MANAGER
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VALLEY, FARLEYENSE, CARNATIONS

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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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Open every day at 6 a. m.

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Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

ESTABLISHED 1872.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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☞Special conveniences for both Wholesalers and Retailers this season. None better in the country.

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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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CUT FLOWERS

55-57 W. 26th St., Coogan Building, NEW YORK CITY

Violets and Carnations our specialties. Telephone No. 299 Madison Sq.

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....THE....

COTTAGE GARDENS.

Wholesale Florists,

QUEENS, - L. I., N. Y.

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56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, April 27.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	10.00
" " " Extra	6.00 to 8.00
" " " No. 1	4.00 to 5.00
" " " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 8.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 10.00
Carnations, Common	.75 to 1.00
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" " sprays	2.00 to 4.00
Callas	4.00 to 10.00
Daffodils	1.00 to 3.00
Daisies	.50 to 2.00
Gladiolus	10.00 to 12.00
Hyacinths	1.00 to 3.00
Lilac per bunch,	1 50
Lilium Harrisii	5.00 to 8.00
Lily of the Valley	3.00 to 4 00
Mignonette	1.00 to 3.00
Narcissus	1.00 to 3.00
Pansies	.50 to 1.50
Smilax	20 00 to 25.00
Candy tuft	1.00 to 2.00
Sweet Peas	.50 to 1.50
Violets	.25 to .75

CALLA, O.—The Templin Co. has been incorporated to do a general plant and seed business; capital stock, $35,000.

WAVERLY, IA.—P. A. Case will add about 5,000 feet of glass to his range this summer.

A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of

EVERGREENS.

GALAX, Bronze or Green, $1.00 per 1000.

FERNS, Fancy, $2.00 per 1000. Dagger, 1.25 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 1431 Madison Square.

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LAUREL FESTOONING and SOUTHERN SMILAX

No. 1 quality laurel festooning, made all round and full and the best made; fresh from the woods, 4c, 5c and 6c per yard. 50-lb. case finest Smilax ever sold, only $6 00. Fancy Ferns, $2.00 per 1000. Dagger Ferns, $1 50 per 1000. A1 stock Bronze and Green Galax, 75c per 1000; discount on 10,000 lots. Send us your orders and get the best to be had at bottom prices and fresh from the woods. Satisfaction guaranteed.

MILLINGTON, MASS.

Tel. Office, New Salem.

Long distance telephone connections.

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TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

JOHN I. RAYNOR,

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,

38 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

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CUT ROSES Direct from the GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

Mention The Review when you write.

For SOUTHERN WILD SMILAX

(Where Quality Is First Consideration.) Write, Wire or Phone the Introducers.

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Bartelides & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Mention The Review when you write.

CARNATION CUTTINGS

STILL UNSOLD.

Mrs. Joost, Flora Hill, Gen. Gomez, fine, healthy stock at $1.50 per 100; $12.50 per 1000.

A good line of Geraniums in 2 and 3-inch pots at $2.50 and $5.00 per 100.

D. Petunia, Vincas, Heliotrope, Salvia, etc. Coleus—Verschaffeltii, Firebrand, Golden Bedder. Chrysanthemum Cuttings, etc.

C. W. BLATCHLEY,

PLANTSVILLE, CONN.

Wholesale Cut Flower Prices.

Chicago, April 27.

	Per doz.
Beauties, 36-inch stems	$4.00
" 30 "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.00
" Shorts, per 100, $1.00 to	6.00
	Per 100
Bridesmaids, Specials, $6.00 to	$ 8.00
" Firsts, 3.00 to	5 00
Brides, Specials, 6.00 to	8.00
" Firsts, 3.00 to	5.00
Liberty, Specials, 8.00 to	10.00
" Firsts, 4.00 to	6.00
Golden Gate, Firsts, 6.00 to	8.00
" Seconds, 3.00 to	5.00
Meteor, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Mme. Chatenay, Firsts, 8.00 to	10.00
" Seconds, 4.00 to	6.00
Ivory, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
Sunrise, Firsts	8.00
" Seconds, 3.00 to	6.00
Perles, Firsts, 6.00 to	8.00
" Seconds, 4.00 to	5.00
La France, 6.00 to	8.00
Kaiserin, 6.00 to	8.00
Carnations, Fancy, 3.00 to	4.00
" Common, 1.00 to	2.00
Violets, .50 to	.75
Sweet Peas, .50 to	.75
Easter lilies, $1.00 to $1 50 per doz.	
Callas, $1.25 per doz.	
Valley, 2.00 to	4.00
Asparagus strings, 40.00 to	50.00
" sprays, per bunch .35 to	.50
" sprengeri, 3.00 to	8.00
Smilax, per dozen	2.50
Ferns, per 1000 4.00 to	5.00

New Richmond, Ind.—Mrs. Rie Taylor has a nice stock of spring bedding plants and is doing a satisfactory business.

Bristol, Vt.—L. Merton Gage is working up a large collection of gladioli, testing all the best strains and named varieties, and will offer them to the trade in the conrse of the next two or three years.

WHO SAID SO, INDEED!

Ed. Review:—Please discontinue my Smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the Review don't pay? It could only be the one who never tried them.

Harvey B. Snow.

Camden, N. Y., April 14, 1904.

G. STERN,
Manufacturer of
Wax Flowers,
416 West Chicago Ave., CHICAGO, ILL.
STAND IN FLOWER GROWERS' MARKET, 60 WABASH AVE.
Mention The Review when you write.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of....Cut Flowers.
Special attention given to Hardy Cut FERNS.
51 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Orange Blossoms, Sweet Peas.

A full line of Spring Flowers.

WRITE FOR PRICES TO

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List.

26 Miami Ave., Detroit, Mich.

Wholesale Cut Flower Prices.

Cincinnati, April 27.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 20.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 6.00
Brides and Maids, Specials	7.00
" " Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Perle	2.00 to 4.00
Sunrise	2.00 to 5.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	3.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	50.00 to 75.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	6.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths, Roman	2.00 to 3.00
" Dutch	2.00 to 3.00
Lilium Harrisii	8.00 to 12.50
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Sweet Peas	.50 to .75
Tulips	2.00 to 3.00
Violets	.50 to .75

ISLIP, N. Y.—James P. Jeffrey died April 20, aged 80 years. The deceased was born in England, but came to America while an infant. He was for many years engaged in the florist business here.

YORK, PA.—August F. Plitt has removed from 533 S. George street to 739 Linden avenue. Charles Schaffer is cutting fine Brides and Maids. He is building an addition to his residence. Chas. Smith and Casper Henkel report a big run of funeral work since Easter. Edward Foust was married to Miss Rosa Lemon April 5.

DE SOTO, MO.—G. M. Thost says: "The season in this part of the country is a long way behind last year. We have a few hundred carnations in the field, but the long rainy spell delays field operations. Last year at this time we had nearly finished planting carnations. Easter trade was all right, and we look forward hopefully, expecting good business right along."

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots or over. **Southern Smilax**—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. **Leucothoe Sprays**—Green, $1.00 per 100; $7.50 per 1000. **Green Sheet Moss**—$2.50 per bbl. sack. **Dagger Ferns**—$1.25 per 1000.

All Kinds Florists' Supplies.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. **New York**

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980 M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, April 27.

	Per doz
Beauties, Specials	$3.00 to $4.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 1.50
Carnot	6.00 to 8.00
Golden Gate	5.00 to 6.00
Kaiserin	4.00 to 5.00
Liberty	3.00 to 5.00
Meteor	3.00 to 5.00
Perle	2.00 to 3.00
Sunrise	2.00 to 3.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 35.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	8.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths	2.00 to 4.00
Lilac	4.00 to 5.00
Lilium Harrisii	8.00 to 12.50
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 18.00
Sweet Peas	.50 to 1.00
Tulips	2.00 to 5.00

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL

BY WILLIAM SCOTT.

A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.

Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.

Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

Long distance phone, Evanston 56.

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

J. J. BENEKE,

1220 Olive Street. ST. LOUIS, MO.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,

Tel. 192 Riverside,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,

522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.

Long Distance Phone 2478.

Cincinnati, Ohio

A. WIEGAND & SONS,

FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Always Mention the....

Florists' Review

When Writing Advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Clarke Bros.

PORTLAND, ORE.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

S. B. Stewart,

149 No. 16th Street, OMAHA, NEB.

PACIFIC COAST.

San Francisco, Cal.—The busy Kearny street flower store of Frank Pelicano & Co. has a new house manager. Arthur Chapdelaine, who during the last seven years has successfully exemplified his merit as a front man on the staff of salesmen at this store, is the young gentleman who has received the managerial appointment.

A beauty spot in California has been made of the twenty-acre garden section of the State Hospital grounds at Napa. Geo. A. Duhem, a graduate florist from San Francisco, likewise vegetable and landscape gardener, who is in charge as head gardener, is largely responsible. He is a son of a San Francisco pioneer florist, A. Duhem, now connected with Winstrom's Market street floral depot.

THE EUCALYPTUS

California seems to have the various climates that suit the different varieties of eucalyptus. This wonderful family of trees was introduced from Australia over forty years ago and their wonderful adaptibility to this state soon made itself manifest. The common blue gum, E. globulus, is the best known and most widely planted of the species and many hundreds of acres are planted out annually for fuel. They are easily grown from seed and a six-year-old tree will measure fifty feet high and yield half a cord of wood. They grow very straight and symmetrical and when cut down immediately grow again from the root and in five years attain another fifty feet in height. In our warmer sections of the country this variety is planted largely on account of its malaria destroying qualities and from its leaves is prepared a liquid used in the removal of boiler incrustations. It has great virtue as a specific for rheumatism and the industry of extracting the essential oils is considerable.

The variety next best known is E. rostrata, the red gum of southern Australia. Although it does not grow quite so rapidly as the sort I have just described it reaches the height of 150 feet and the wood is very durable. It makes a very showy tree and is planted here considerably.

E. amygdalina, the well-known pepper gum, is said to attain the height of 500 feet in southern Australia. It makes a beautiful shade tree and is used somewhat for avenue planting.

E. robusta is the swamp mahogany gum of New South Wales. I have found that it flourishes well in situations that have a great deal of moisture, but is not of rapid growth. The flowers resemble those of E. globulus, but are larger and of a pure white color, contain a great deal of honey and are much sought by the bees.

I have several specimens of E. citriodora, the lemon scented variety. The foliage has the same odor as the lemon verbena and makes a very pretty shrub. The plant is not very hardy when small and has to be protected from the frost. It is a very interesting tree and bears a pure white bloom.

The finest garden variety, however, is E. ficifolia, the crimson-flowered gum. This beautiful shrub has very large, dark-green leaves and produces a profusion of large panicles of dark crimson flowers. It is very showy, both in and out of bloom, but is not a rapid grower as are most of the eucalyptus family. It is a native of West Australia, where it attains a considerable size, but with us it appears to adopt a dwarfish, shrubby habit.

E. Stewartiana, the apple scented gum, has the same habit of growth as the kind I have just mentioned but is much hardier. The leaves have the odor peculiar to rose geranium and like most of the family it is a profuse bearer of creamy white blooms. G.

SAN FRANCISCO.

The Market.

We had a very heavy rain on Monday and Tuesday nights and since then the weather has been cool and clear. This has had a good effect on all classes of outdoor work. Flowers of all kinds are daily coming in more plentifully. Long-stemmed roses are in very good supply, with the prospects of an avalanche in a week or two. I saw some very fine Beauties to-day from Berkeley. Both F. Aebi and John Young, of that town, have had splendid success with this rose. Brides and Maids are good, but roses will get much cheaper very soon. P. C. Meyer, of Burlingame, is sending in some Liberty that bring top price. Carnations are in good supply, although some of our largest growers report off crop at present with some varieties. Lawson and Estelle and all the fancy sorts are selling at three dozen for a dollar, but they have to be good stock to bring this price. The other kinds, such as Hill, Scott, Schwerin and Joost can be had at $2 per hundred. Violets are daily getting scarcer. Bulbous stock, with the exception of outdoor freesias and Narcissus poeticus, has disappeared. L. longiflorum at $1 to $2 a dozen stems are plentiful and very fine. Valley is in abundance. Business is only fair.

Various Notes.

Dominick & Co., located for several years on the corner of Stevenson and Fourth streets, have opened a store at 3 Fourth street.

Golden Gate park is taking on its spring robes, and thousands of flowering plants are beginning to show their bright colors. A large force of gardeners are replanting the innumerable beds that have been resplendent with tulips, daffodils, hyacinths and other showy winter flowers, and planting instead phlox, stocks, scarlet salvias, petunias, verbenas, pansies, lobelias and hundreds of other showy annuals. In the conservatories a very fine collection of calceolarias and azaleas is at present on exhibition. G.

Louisburg, Kans.—The Miami County Nurseries do quite a business in bedding plants each spring. They report the nursery trade good.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.
LOOMIS, CAL.
Mention The Review when you write.

A CALIFORNIA OPPORTUNITY

Owing to death and the settlement of an estate one-half of the stock of the Leedham Bulb Co., Santa Cruz, Cal., is to be sold. It is preferred that this interest pass to a practical man who can devote his full time to the business. Cash to the amount of $2000 is required. The business is in good shape and can be largely developed. This is a splendid opportunity for the right man. The land controlled by the company is ideal soil for bulb growing. Plenty of water. Climate the best on the Pacific Coast. The property of the company has been examined by the editor of the Florists' Review and he has expressed the belief that there is a great future for the business.

Address
E. LEEDHAM,
SANTA CRUZ, CAL.
Mention The Review when you write.

True Asparagus Plumosus Nanus Seed

$5.00 per 1000.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.
Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100, and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10.00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	**Variegated.**		
Scarlet.			Armazindy...	0.85	17.00
America	1.00	9.00	Prosperity...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.
Mention the Review when you write.

CALIFORNIA SEEDS.

Shasta Daisy—75c per 1000 seeds, $6.50 per 10,000. **Geranium**—"Good Venture" mixture, a grand mixture of fine large flowering sorts in great variety, 50c pkt., $3.00 per oz. **Smilax**—$2.00 per lb. **Ipomœa**—"Heavenly Blue" 40c oz., $3.50 per lb. **Cyperus Alternifolius**—25c pkt., $1.00 per oz. **Alsophylla Australis**—(Australian Tree Fern) 50c pkt., $7.50 oz. **Apple Geranium**—75c per 1000 seeds. **Asparagus Sprengeri**—50c per 1000 seeds. **Erythea Edulis**—(Guadalupe Island Palm) a fine rapid-growing fan palm, $1.50 per 1000 seeds. (Seeds heavy.) Send for trade list.

Theodosia B. Shepherd Co., Ventura, Cal.

Always mention the Florists' Review when writing advertisers.

CINCINNATI.

The Market.

Business is improving steadily, but with no rapid strides. Already the demand for commencement flowers is being felt. These orders are from out-of-town points, mostly small towns where the schools close early. This, together with considerable funeral work, has kept the market well cleaned up and prices are very satisfactory. There is a good supply of stock but no surplus, in the better grades at least. In "seconds" and "thirds" there are at times a few too many, but they can usually be moved at some price.

Roses are coming quite heavily but they are selling first rate. Carnations are not quite so strong and are in good demand. Prices are holding up well, some of the extra fancy grades reaching 5 cents. Harrisii and longiflorum lilies also callas, are in good demand. Tulips are still with us, but their days are numbered. Roman and Dutch hyacinths, also valley and narcissi, are doing nicely. Violets sell at sight and many more could be used to advantage. "Green goods" are about the same. New ferns will soon be with us, which will help out the green situation greatly.

Notes.

R. A. Bety is making an elk of wire ten feet high. It will be filled with moss and earth and planted with small plants and placed in one of our down-town parks during the Elks' convention in this city.

E. G. Hill was a visitor.

C. J. Ohmer.

QUICK RETURNS.

We find it only takes a short time to get returns from advertising in your valuable paper. We have more orders than we can fill.—C. B. Flick Floral Co., Fort Wayne, Ind.

Among the new members named in the latest issue of the National Chrysanthemum Society of France is M. E. G. Hill, of Richmond, Ind., U. S. A., proposed by M. Rozain.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Balmoral Ave., CHICAGO.

Mention The Review when you write.

For Summer Blooming.

25,000 MRS. FISCHER, $20 per 1000.

25,000 WILLIAM SCOTT, $15 per 1000.

Strong, healthy plants from soil. We guarantee satisfaction.

LEO NIESSEN,
1217 Arch St., Philadelphia.

Always mention the Florists' Review when writing advertisers.

American Beauties.

FINE STOCK, from 2½-inch pots, $5.00 per 100.

CUT ROSES of AMERICAN BEAUTY and all kinds of TEA ROSES at lowest prices.

Trial orders solicited.

HELLER BROS. (SOUTH PARK FLORAL CO.) New Castle, Ind.

Mention The Review when you write.

ROSE PLANTS Strong Stock from 2½-inch pots.

	Per 100	1000
UNCLE JOHN	$20.00	$150.00
Mme. Chatenay	6.00	50.00
Sunrise	5.00	40.00
AMERICAN BEAUTY	6.00	50.00
Liberty	$5.00	$40.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00
Sunrise (two years old)	$8.00	$70.00
Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal**, for next season.

Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

Mme. Chatenay

A superb pink rose, freer and stronger than Bridesmaid, easy to grow and an ideal shipper. Will cut 40 per cent. selects. See Chicago Cut Flower Quotations.

Chatenay is selling for more than any other tea rose. Supply limited. Cash with orders.

Fine, healthy stock, $6 00 per 100; $50.00 per 1000. Ready now.

EMIL GLAUBER, Montclair, Colo.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ROSE PLANTS. STRONG STOCK from 2½-in. pots.

UNCLE JOHN.

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker. $20.00 per 100; $150.00 per 1000.

	Per 100	1000
Mme. CHATENAY	$6 00	$50 00
LA PRANCE	4 00	35 00
SUNRISE	5 00	40 00
AM. BEAUTY	$6 00	$50 00
KAISERIN	3 00	25 00
LIBERTY	5 00	40 00
BRIDE, MAID	$3 00	$25 00
PERLE, IVORY	3 00	25 00
GOLDEN GATE	3 00	25 00

CARNATIONS—Well rooted, healthy cuttings, of the following varieties, now ready.

PINK.	Per 100	1000
MRS. E. A. NELSON	2 00	18 00
GUARDIAN ANGEL	1 25	10 00
MRS. HIGINBOTHAM	2 00	15 00
SYBIL	3 00	25 00
McKINLEY	3 00	25 00
JOOST	1 25	10 00
RED.		
ESTELLE	2 50	20 00
MRS. INE	1 25	10 00
CHICAGO (Red Bradt)	2 00	15 00
HARLOWARDEN, ROOSEVELT	3 00	25 00

WHITE.	Per 100	1000
MURPHY'S WHITE	$3 00	$25 00
FLORA HILL	1 25	10 00
WHITE CLOUD	1 25	10 00
PERU	1 25	10 00
NORWAY	1 25	10 00
MARION	1 25	10 00
GOV. LOWNDES	3 00	25 00
VARIEGATED.		
MRS. BRADT	2 00	15 00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave. CHICAGO.

Mention The Review when you write.

CARNATION CUTTINGS!

Well-Rooted, Strong, Healthy Cuttings of the following varieties:

	100	1000		100	1000
Oriole	$1.50	$12.50	Mrs. L. Ine.	$1.25	$ 9.00
Portia	1.20	9.00	Joost	1.20	9.00
Lorna	1.50	12.00	Flora Hill	1.50	10.00
White Cloud	1 50	12.50	Mrs. P. Palmer	1.50	12.50
Queen Louise	1 50	12.50	Prosperity	2.00	15.00

ROSE CUTTINGS.

Choice well-rooted stock.	100	1000
Bridesmaids	$1.25	$12.00
Brides	1.25	12 00
Mme. Chatenay	3.50	30 00
American Beauties	3.00	25 00
Golden Gates	1.25	12 00

ROSE PLANTS.

Strong stock in 2½-inch pots.	100	1000
Bridesmaids	$2.75	$22.50
Brides	2.75	22.50
Golden Gates	2.50	20.00
Brides, 3-inch, extra choice	5.00	40.00
Bridesmaids, 3-inch, extra choice	5.00	40.00
Mme. Chatenay, 2½-inch pots	5.00	45.00
" " 3-inch pots	6.00	55 00

Above prices are cash with order.

JOHN BROD, Niles Center, Illinois.

Mention The Review when you write.

ROSES

We grow over 100,000 annually for the trade of the following varieties:

No.	Variety.	R. C.	2x2½ in.	2½x3 in.	3x3 in.
1	Meteors	$1.50	$2 50	$3 50	$5.00
2	Brides	1.50	2 50	3.50	5 00
3	Maids	1.50	2.50	3.50	5.00
4	Ivory	1.50	2.50	3.50	5.00
5	Golden Gate	1 50	2.50	3.50	5.00
6	Perles	2.00	3.00	4 00	6.00
7	La France	2.00	3.00	4.00	6.00
8	Kaiserin	2.00	3.00	4.00	6.00
9	Woottons	2.00	3.00	4.00	6.00
10	Belle Siebrecht	2 00	3.00	4.00	6.00
11	President Carnot	2 00	3 00	4.00	6.00
12	American Beauties	3.00	6.00	8.00	10.00
13	Liberty	5.00	6.00	8.00	10.00

Write—**GEO. A. KUHL, PEKIN, ILL.**

Mention The Review when you write.

ORCHIDS

Just arrived in perfect condition **Cattleya Mossiae**, Oncidium Papilio (Butterfly Orchid), Peristeria elata (Holy Ghost Orchid), Catasetums in var., Cychuaches, Epidendrums, Stanhopes, Dendrobium Nobile, D. Densiflorum and D. Chrysanthum. Also a lot of Bulbs of Calanthe Veitchii for immediate delivery.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

A'ways mention the Florists' Review when writing advertisers.

Indianapolis!

WE HAVE a fine lot of young plants in two inch pots, ready to plant right in the field. If you have not purchased any of this variety, you had better get some of these plants now.

INDIANAPOLIS is bound to become the standard pink for commercial use, as it has size, stem, color, perfect calyx, and wonderful freedom. Has outbloomed and outsold all other varieties in this market the past winter. There will be a great demand for this variety next season.

Per dozen ..... $ 2.50
Per hundred 12.00
Per thousand 100.00

BAUR & SMITH,

330 West 38th Street, - INDIANAPOLIS, IND.

Mention the Review when you write.

Am. Beauties

PLANTS FROM 2-INCH

40,000 ready; clean healthy, first-class in every respect; $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

CARNATIONS.

Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

Rooted Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	1000		Per 100	1000
Queen Louise,	$2.00	$15.00	Genev'e Lord,	$2.00	$15.00
Lillian Pond,	5.00	40.00	Mrs. Bradt,	3.00	25.00
Flora Hill,	2.00	15.00	White Bradt,	6.00	50.00
Mrs. T. Lawson,	2.50	20.00	MacRichmond,	1.50	12.00
Mrs. Joost,	2.00	15.00	Estelle,	3.00	

I. H. MOSS, Govanstown, **BALTIMORE,** Md.

Mention The Review when you write.

TORONTO.

Toronto has been visited by the worst fire it has ever known, wiping out what is known as the wholesale district, about fourteen acres. D. J. Sinclair was the only florist that was at all injured by the fire, although only slightly. Many who were spectators of the fire and saw the slight damage that was done, remarked that providence must have had special care over the flowers, as the building was burned on three sides, and on one side nothing but a glass partition was left between the fire and the flowers. S. Tidy & Son were saved only by the wind being against them; the building at the rear of their greenhouses was destroyed. It is hard to forecast what effect this will have on trade. A number of large weddings during the week used up a quantity of stock. Dunlop had an order in which they used a great quantity of southern smilax, Lawson and Prosperity carnations and American Beauties. This was one of the largest weddings Toronto has had for some time. Roses are plentiful and carnations quite equal to the demand. Bulb stock appears to be short. This week we have our horse show, which is expected to make quite a stir.

Among the visitors during the week who blew in along with the fire was S. D. Green, representing M. Rice & Co. He is a hot member and we gave him a warm reception. D. J.

Indianapolis, Ind.—Thos. D. Hepler has begun suit for divorce against his wife, Emma L. Hepler, who is now in New Orleans.

"The more we advertise in the Review the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—Wm. Bierstadt & Son, Springfield, Ill.

BOSTON FERNS—2½-inch.....per 100, $3.00
3½-inch.....per 100, 7.00
From bench, ready for 4-in. pots..per 100, 8.00
Nep. Piersoni, for 3-inch pots.....per 100, 5.00
Nep. Piersoni, for 5-inch pots.....per doz. 4.00
Nep. Cordata, 2-inch.....per 100, 3.00
CANNAS—F. Bismarck, Alemannia, F. Vaughan and Austria, from 3-in. pots...per 100, 5.00
Good mixed sorts, 3-inch.....per 100, 4.00
Asparagus Plumosus Nanus, 2-inch..per 100, 3.00
Asparagus Sprengeri, 2-inch.....per 100, 2.00
Trailing Lantana, 2½-inch.....per 100, 3.00
Fuchsias, 5 sorts, 2½-inch.....per 100, 2.50
Rose Geraniums, fine 3-inch.....per 100, 5.00
Coleus, in 10 good sorts, 2-inch.....per 100, 2.00
Per 1000..... 18.00
Begonias, in variety, 3 and 4-inch...per 100, 5.00
Begonias, in variety, 2½-inch.....per 100, 3.00
Rubber Plants, 10 to 15 inches high..per doz. 3.00
A fine lot of Geraniums and Mums. Write for sizes and price. Above stock in good condition and sure to please. Cash or satisfactory reference.
GEO. L. MILLER CO., Newark, Ohio

CHRYSANTHEMUMS
Yonng Stock, 2½-Inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35.00
S. T. Wright, magnificent crimson...	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5.00	35.00
F. A. Cobbold, mauve pink, fine.....	.50	5.00	35.00
W. R. Church, rosy crimson.....	.25	2.50	20.00
John Burton, fine late white.....	.50	5.00	35.00
Lord Hopetoun.....	.50	5.00	35.00

	100		100
Convention Hall	$8 00	Alice Byron	$8.00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100: Maud Dean, Chamberlain, Golden Wedding, Merry Xmas. $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.
H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

CARNATIONS, 2½-inch, extra fine stock.
Gov. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 per 100. Prosperity, Roosevelt, Lorna, Higinbotham, Lawson, Mary Wood, White Cloud, Palmer, $3.00 per 100. Flora Hill, Joost, $2.50 per 100.

ROSES. Maids, Brides, Gates.....$30.00 per 1000; $3.50 per 100. Strictly No. 1 Stock.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2 00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Monnier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C.....$25.00 per 100
Two-year-old rose bushes from benches, Beauties, Maids, Brides. Prices on application.
Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**
Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.
Poehlmann Bros. Company,
MORTON GROVE, COOK CO., ILL.
Mention The Review when you write.

Rooted Carnation Cuttings.

PINK.	100	1000
Mrs. Lawson	$1.75	$15.00
Mrs. Nelson	2.00	18.00
Guardian Angel	1.25	10.00
Dorothy	1.50	12.50
Mrs. Joost	1.25	10.00
WHITE.		
Flora Hill	$1.25	$10.00
White Cloud	1.25	10.00
Queen Louise	1.25	12.00

RED.	100	1000
G. H. Crane	$2.00	$18.00
America	2.00	18.00
Mrs. Palmer	2.00	18.00
LIGHT PINK.		
Higinbotham	2.00	18.00
VARIEGATED.		
Prosperity	2.00	18.00

ROSE PLANTS, 2-inch Pots.

Liberty	$5.00 per 100;	$45.00 per 1000	Brides	$3.00 per 100;	$25.00 per 1000
Am. Beauty	5.00 "	45.00 "	Perle	3.00 "	25.00 "
Bridesmaids	3.00 "	25.00 "	Golden Gate	2.50 "	20.00 "

Ivory.....$2.50 per 100; $20.00 per 1000.
GEORGE REINBERG, 51 Wabash Ave., CHICAGO.
Mention The Review when you write.

VERBENAS. We are the largest growers of Verbenas in the country and those who buy of us are sure to get plants and rooted cuttings perfectly healthy and free from rust. 60 varieties.
Rooted Cuttings, 60c per 100; $5.00 per 1000; $45.00 per 10,000. Plants, $2.50 per 100; $20.00 per 1000.

....CARNATIONS....

White.	Per 100
The Queen	$5.00
Queen Louise	1.50
Lorna	2.50
White Cloud	1.50
Flora Hill	1.50
Red.	
Mrs. Potter Palmer	3.00
J. H. Manley	4.00
Oriole	2.50
G. H. Crane	2.00
Jubilee	1.50
Portia	1.25

Pink.	Per 1000
Success	$4.00
Mrs. Higinbotham	5.00
Cressbrook	3.00
Mrs. E. A. Nelson	3.00
Mrs. Thos. Lawson	3.00
Dorothy	2.00
Sunbeam	2.50
Morning Glory	1.50
Mrs. Joost	1.25
Daybreak	1.25
Wm. Scott	1.25
Crocker	1.25
Mermaid	2.00
Floriana	1.50

Crimson.	Per 100
Harry Fenn	$5.00
Gov. Roosevelt	2.50
Gen. Maceo	1.50
Variegated.	
Prosperity	2.50
Mrs. G. M. Bradt	3.00
Yellow.	
Dorothy Whitney	5.00
Buttercup	3.00
Gold Nugget	2.00
Eldorado	1.25

GRAFTED ROSES. Our Grafted Roses are fine bushy plants and grown in 3 and 3½-in. pots. Orders taken now for delivery in May, June and July.
Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 per 100. Ivory, Liberty, $18.00 per 100.
J. L. DILLON, Send for circular. **Bloomsburg, Pa.**
Mention the Review when you write.

1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Alyssum, Giant and Dwarf Double...	40c	$2.00
Abutilon, in variety	40c	2.00
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Baby Primrose, "Primula Forbesii"	40c	1.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var.		3.00
Small flowering or Button var.		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties....per 1000, $15.00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.50
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Holt's Mammoth Sage, per 1000, $15.00,	40c	$3.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50

GERANIUMS...

$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3.00
Moonvines, blue	50c	3.00
Nymphaea Odorata Gigantea	60c	3.50
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2.00
Sedum, variegated	40c	2.00
Smilax ....per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Our selection of four varieties, 1000 for $15.00.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and HOLT'S MAMMOTH SAGE.

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent: color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N.Y.
Jamaica Post Office, Woodhaven Station.

W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

WHITE MAUD DEAN

A most valuable variety; stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz.

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

S. S. SKIDELSKY,
708 N. 16th St., Philadelphia, Pa.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars.

YOU CAN ALL MAKE MONEY GROWING

ASPARAGUS PLUMOSUS.

We have a large stock of all sizes of this very profitable plant for every retail florist. Nothing but the best stock is shipped.

2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz., $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz., $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $10.00 per 100.

Latania Borbonica, we have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz., $37.50 per 100.
6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz., $50.00 per 100.
7-inch, 16-20 inches high, 7-8 leaves, $1.00 each, $12.00 per doz.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

CRYPTOMERIA JAPONICA

(JAPAN CEDAR.)

THE NOVELTY DECORATIVE PINE, takes the place of the high-priced **Araucaria Excelsa,** strong stock from 2-inch pots, at $5 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST Quakertown, Pa.

Mention The Review when you write.

AMERICAN BEAUTIES. Fine, strong 3-in. stock, ready to plant, $8.00 per 100. You will like this stock.

BOSTON FERNS.
Large Stock. Low Prices. Ready to Retail.

2½-inch	$ 4.00 per 100	5-inch	$25.00 per 100
3-inch	8.00 "	6-inch	40.00 "
4-inch	12.00 "		

Please note special low prices on smaller sizes.

W. H. Gullett & Sons, Lincoln, Ill.
Mention The Review when you write.

A. W. SMITH'S HYBRID MOON VINES

Ipomoea Noctiflora

2½-inch pots ..... $5.00 per 100

GODFREY ASCHMANN,
1012 Ontaria St., Philadelphia, Pa.

PITTSBURG.

The Market.

A slight improvement over last week's business is noted. Supplies of all flowers except Easter lilies have shortened up and prices have advanced slightly. A general cleaning up on all stock, except lilies, occurs daily. The supply is, however, equal to the demand; the only shortage noticeable is on white carnations and white roses. Among the novelties arriving now are giant snapdragon, in white and colors, also some extraordinary fine Iris Hispanica, which bring good prices. The demand for sweet peas, single daffodils and yellow daisies is good.

Various Notes.

The Kuhn wedding last Tuesday called for considerable fine stock. Charles T. Siebert had the decoration; Mr. Zieger said it was one of the most beautiful decorations he ever superintended. Yellow irises, yellow giant daisies, American Beauty, Bride and Bridesmaid roses were used in large quantities.

L. I. Neff's Sixth street store window decoration last week attracted considerable attention; the baby sweet alyssum in miniature pots proved to be a very paying novelty.

E. C. Ludwig is receiving some very fine trailing arbutus and candytuft.

Max Schreiber is sending the Pittsburg Cut Flower Co. candidum lilies.

Visitor: Gust A. Geng, Youngstown, Ohio.

Hoo-Hoo.

We are in receipt of a box of fine lead pencils, each stamped with the name of S. S. Pennock, wholesale florist, Philadelphia.

Cleveland, O.—A bulldog owned by John Travers critically injured a three-year-old boy on April 23. The physicians have the dog confined to see if hydrophobia develops.

Meadville, Pa.—Geo. W. Haas says that Easter trade was very good and that they might have done much better if they had had stock to meet the demand for potted plants. He looks for a good spring trade, as much stock was killed during the past severe winter.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days.

For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

DAHLIAS—Pot Roots.

TEN GOLD MEDALS AWARDED IN 1903.

POT ROOTS FOR SHIPMENT AT ONCE. Every section, including the popular Cactus Dahlias, at $4.00 per 100, in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Postage $1.00 per 100 extra. Terms—cash with order.

TEMPTING BARGAINS. There is money in the kinds named below and we offer them post free for cash. This is the first time we have been enabled to offer post free, as this means of transit has only recently come into operation.

SPECIAL OFFER OF 12 CACTUS DAHLIAS, as follows: free by post for $1.20; 6 of each, free by post, $5.50; 12 of each, free by post, $10.00; 100 of each, free by post, $80.00. Rosine, Artus, Floradora, Galliard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows and Vesta, also Jealousy.

NEW SEEDLING CACTUS DAHLIAS. One each of the following 12 distinct varieties, all new and certificated by the Dahlia Societies of England, free by post for $2.00: 6 of each, post free, $10.00; 12 of each, post free, $19.00. Aunt Chloe, C. G. Stredwick, Flamingo, Gabriel, Clio, Miss Grace Cooke, Mrs. J. P. Clarke, Mrs. A. F. Ferkins, Mrs. H. J. Jones, Mrs. Edward Mawley, Richard Dean and Sailor Prince.

CACTUS DAHLIAS FOR CUTTING. Floradora, maroon (Cactus), $11.25 per 100, free by post. Lord Brassey, pink (Cactus), $11.25 per 100, free by post. Prince of Yellows (Cactus), $11.25 per 100, free by post. Winsome, white (new), $1.25 each, free by post. Guiding Star, white (Pompon), $8.25 per 100, free by post. Terms—cash with order.

HOBBIES LIMITED, NORFOLK NURSERIES. Catalogue, 144 pp., free of charge. **DEREHAM, ENG.**

CARNATIONS

ROOTED CUTTINGS

and plants from pots ready to plant in the field.

Lady Bountiful—and—**The Belle**

The two largest and most prolific white carnations for 1904.

Mrs. Patten, Judge Hinsdale, The President, $12.00 per 100; $100.00 per 1000.

A very profitable novel set—Bizarre, Mauvina, Neptune, Aureola and **Senorita.** Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties:

Apollo, $3.00 per 100; $25.00 per 1000. Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

F. Dorner & Sons Co.

LA FAYETTE, IND.

Mention The Review when you write.

5000 PALMS

Kentia Belmoreana

4-inch, cool grown, stocky stuff.

Doz., **$2.50;** 100, **$20.00.**

A BARGAIN

for immediate retail sales or for growing on into larger size.

Get a sample dozen. Return them if you don't consider good value.

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E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

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50,000 ALTERNANTHERAS

Red and Yellow. Rooted Cuttings, 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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SEASONABLE STOCK

	Pots.	Per 100
Asparagus Plumosus Nanus	2½-in.	$5.00
Asparagus Plumosus Nanus	2 -in.	4.00
Asparagus Sprengeri	2 -in.	3.00
Asparagus Tennissimus	2 -in.	3.00

CANNAS

The Express, best dwarf Crimson Canna to date; strong plants, from 3-inch pots, $1.50 per doz.. $10 00 per hundred.

The following varieties in two-eye, dormant roots, at $2.00 per hundred: Mme. Crozy, J. Colette Rochaine, Chas. Henderson, Pierson's Premier, Pennsylvania, and mixed.

MISCELLANEOUS

Pelargoniums—The following varieties from 2½-inch pots, at $8.00 per 100: Sandiford's Wonder, Capt. Raikes and Victor.

Salvia Patens (blue), from 2¼-inch pots, at $3.00 per hundred.

Vincas—Variegated, 2½-inch pots, $3.00 per hundred.

Lemon Verbena—From 2¼-inch pots, $3.00 per hundred.

HARDY PLANTS

All the following are last season's propagation:

Anemone Japonica, from 2-inch pots, $4.00 per hundred, including the following varieties: Alba, Queen Charlotte, and Elegantissima.

Aquilegia (long spurred, mixed), 2-inch pots, $3.00 per hundred.

Coreopsis Lanceolata, 3-in. pots, $3.00 per 100.

Digitalis, extra strong, 3-in. pots, $3.00 per 100.

Helianthus Sparsifolia, grand novelty for cutting, 25c each, $2 50 per dozen.

Oriental Poppy, 3-in. pots, $5 00 per hundred.

Pyrethrum, strong clumps, $6.00 per hundred.

Rudbeckia Newmanii, 2½-in. pots, $3.00 per 100.

Rudbeckia Triloba, 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON,

ADRIAN, MICH.

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The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

HYDRANGEA HORTENSIS ROSEA

A STERLING NOVELTY

2¼-inch pots, ... $6.00 per dozen; $45.00 per hundred

For Immediate Delivery

Julius Roehrs, ..EXOTIC.. ..NURSERIES.. **Rutherford, N. J.**

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Adiantum Cuneatum.

		Per 100
3-in.	Fine Stock.	$5 00
5-in.	" "	10 00
6-in.	" "	15 00

Large clumps, from bench.....$12.00

Boston Ferns

	Per 100		Per 100
2½-in	$3 00	5-in	$20.00
3-in	6 00	Selaginella Em.	
4-in	12.00	3-in	6 00

PALMS

Latanias, Kentias, Arecas, Phoenix, Pandanus, etc.

3-in..... each, 10c	5-in..... each, 25c
4-in..... each, 15c	6-in..... each, 40c

Pelargoniums

Mme. Thibaut Sandiford, Victor, Red and Jack, 2-in., $2.00; 3-in., $4 00; 4-in., $5 00.

POINSETTIAS, Dormant, 6-in.....30c each

GERANIUMS, Mme. Salleroi, strong, 2½-in. $3 00

OAK LEAVED GERANIUMS, 4-in..... 6 00

BATAVIA GREENHOUSES, Batavia, Ill.

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ROSES.

Bride, Bridesmaid, 3-inch pots, ready for shift, $3 00 per 100; $25.00 per 1000.

VERBENAS.

Rooted Cuttings ..... 75c per 100; $5 00 per 1000.
Pot Plants .....$2 50 " 20.00 "

AGERATUM—Stella Gurney..... 3 00 per 100.
FEVERFEW—Little Gem ..... 3 00 "
HELIOTROPE—fine varieties .... 3.00 "
LOBELIA Dwarf..... 2 50 "
SALVIA Splendens and Clara Bedman ..... 3 00 "
GERANIUM S. A. Nutt, 4 in. pots. 9 00 "

H. S. Courtney, Sparkill, N. Y.

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CARNATIONS

Well established plants from soil. Vulcan, red, Mrs. Fisher, white, $2.00 per 100.

Carnations—Strong plants from soil. Enchantress, $6.00 per 100. Prosperity, $3.00 per 100. The following varieties at $2.00 per 100:—Queen Louise, Flora Hill, Lawson, Wm. Scott, Joost, Crocker, Harlowarden.

CHRYSANTHEMUMS—All the best standard varieties from soil, $1.50 per 100.

C. EISELE, 11th and Jefferson Sts., PHILADELPHIA, PA.

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FEVERFEW LITTLE GEM

R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100.
CASH WITH ORDER.

H. STAHLHUT, N. E. Cor. New Lots Road and Shepherd Ave., BROOKLYN, N. Y.

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Dreer's Aquatic Plants

Hardy and Tender Water Lilies, Nelumbiums, Victorias, etc.

We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well known standard varieties, also the most desirable American and Foreign Novelties. We will gladly give practical advice to those who contemplate using these plants.

HENRY A. DREER, Philadelphia, Pa.

THE BEST GRADE OF

ROOTED CUTTINGS

Coleus—Ten best sorts.	$0.60 per 100	**Marguerites**—White and Yellow..	$1.00 per 100
	5.00 " 1000	**Asp. Sprengeri**—4-in. pots, strong,	8.00 " 100
Coleus—Verschaffeltii, Golden Bedder and Firebrand.....	.75 " 100	**Lantanas**—Ass'd colors, 2½-in. pots,	3.00 " 100
	6.00 " 1000	Rooted Cuttings.....	1.00 " 100
Salvias—Splendens and Bonfire	1.00 " 100	**Lemon Verbenas**.....	1.00 " 100
	9.00 " 1000	**Chrysanthemums**—Fine, healthy stock; Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Chadwick, Golden Wedding, Mrs. Murdock, Lavender Queen, Silver Wedding.....	1.50 " 100
Heliotropes—Light and Dark...	1.00 " 100		12.00 " 1000
	9 00 " 1000		
Argeratum—Stella Gurney....	.60 " 100		
	5.00 " 1000		
Water, or Parlor Ivy.....	.60 " 100		
Sweet Alysaum—Giant Double..	.60 " 100		

Well packed ready to deliver. Satisfaction guaranteed. CASH WITH ORDER, PLEASE.
No orders for less than $1.00.

"CRITCHELL'S", Avondale, CINCINNATI, OHIO.

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SEASONABLE STOCK.

	Per 100
Geraniums—Leading varieties, mixed,	
2½-inch pots.....	$ 2 25
Petunias—Mixed, 2½-inch pots.....	2.25
Heliotropes—2-inch pots.....	2.00
Ivy Geranium—Finest var. mixed, 2-inch pots.....	2.00
English Ivy—3-inch.....	3.50
Rose Scented Geranium—2½-inch.....	2.50
Feverfew—2½-inch pots.....	2.25
Coleus—2-inch.....	2.00
" **R. C.**.....$6.00 per 1000	.75
Vinca Variegata 4-in. pots, extra heavy,	10 00
Rooted Cuttings $7.00 per 1000.....	.75
Violets—R. Heads P. of Wales....per 1000	10.00
" Campbell Rooted Runners "	6.00
Boston Ferns—2½-inch pot, bound.....	4.00
Panaies.....$8.00 per 1000	1.00

Cash Please.

Converse Greenhouses, Webster, Mass.

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BOSTON and PIERSONI FERNS.

ASPARAGUS PLUMOSUS and SPRENGERI. We are largest growers in the West. Over 20,000 in stock. All sizes, 2½-inch to 10-inch. Write us.

GEO. A. KUHL, PEKIN, ILL.

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Clean, Healthy, Strong

CARNATIONS.

From 2¼-inch pots.

We can supply the following varieties ready for the field or bench. **Will ship to reach you any date desired.**

Pink.	100	1000	White.	100	1000
Joost	$2 00	$18 00	Flora Hill	$2 00	$18.00
Marquis	2 25	20.00	Innocence	2 50	
Dorothy	2.50		Her Majesty	4.00	
			Glacier	2.25	20.00
Scarlet.			**Variegated.**		
Crane	$2.50	$22,00	Prosperity	2.00	18.00

CASH

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Boston Ferns. Prices—2¼-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100.
6-in., 40c; 7-in., 60c; 8-in., 75c each.

PIERSONI FERNS. 2½-in., $8 00 per 100; 4-in., 35c; 5-in., 50c each.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 0 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderli, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. hicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeenna, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 60c 100; $5.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Ageratum White Cap, 2½-in. pots, $2.00 100. Springfield Floral Co., Springfield, O.

Ageratum Stella Gorney, $3.00 per 100.
H. S. Courtney, Sparkill, N. Y.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown st Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. Cash.
A. J. Baldwin, Newark, Ohio.

50,000 alternantheras, red and yellow; rooted cuttings, 50c 100 or $4.00 1000; in lots of 5000 or over, $3.50 1000. Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Three kinds, rooted cuttings, 50c 100; strong, bushy plants, $2.50 100.
R. S. Brown & Son, Kansas City, Mo.

Alternantheras, 5 varieties, 2¼-in., $2.00 100. $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delsware, O.

ALTHEAS.

Althea or Rose of Sharon, fine plants, 7 kinds, 3 to 4 ft., $1.00 doz., $6.00 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Alyssum, Giant and Dwarf Double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double sweet alyssum, fine bushy plants, $2.00 100. W. W. Coles, Kokomo, Ind.

Sweet alyssum, giant dbl., 75c per 100 by mail. S. W. Pike, St. Charles, Ill.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Giant alyssum, $1.00 100. Exp. paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, strong plants, 2½-in. pots, $1.00 100.
L. W. Franks, Montpelier, Ohio.

Alyssum Little Gem, 2-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 2 yrs., first-class, $6.50 per 100, $60.00 per 1000, 2 yrs., selected medium size, $5.00 per 100, $45.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, 2-in., 50c doz., $3.00 100, $25.00 1000; field-grown, 2 to 3 ft., $1.50 doz., $10.00 100. Good & Reese Co., Springfield, O.

Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

Asparagus plumosus nanus,	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, choice stock, ready for pots two sizes larger, 2½, 3, 4, 5, 6, 7-in. pots, 3c, 5c, 8c, 12c, 25c, 35c, 75c each. Asparagus plumosus nanus, $6.00 per 100.
J. H. Bornbocft, Tipton, Ind.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 2-inch, $2.00 100; 3-inch, $3.00. Plumosus from flats, $1.75 100; 2-inch, $2.50; 3-inch, $4.00. Good stock and cheap.
Sherman Nursery Co., Charles City, Ia.

2000 Asparagus plumosa, 2¼-in. pots.....$3.00
500 Asparagus plumosa, 3-in. pots..... 6.00
3000 Asparagus Sprengeri, 3-in. pots..... 4.00
Walker & McLean, Youngstown, Ohio.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 2½-in., $5.00, 2-in., $4.00 100. A. Sprengeri and A. tenuissimus, 2-in., $3.00 100.
N. Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 3-in., $6.00 per 100; $50.00 per 1000. A. Sprengeri, 2½-in., $18.00 per 1000.
Carl Hagenburger, West Mentor, Ohio.

Asparagus Sprengeri 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield O.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

300 Asparagus plumosus for $5.00, prepaid. Fine seedlings, from flats, ready for pots.
Huss Floral Nursery, Augusta, Ga.

Asparagus Sprengeri, 3-in., extra strong, $4.00; 4-in., $6.00; 5-in., $8.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, from seed box, $1.00 100; $8.00 1000.
F. Walker & Co., New Albany, Ind.

Asparagus Sprengeri, extra heavy, 4-in., at $4.00 per 100.
C. L. Tipton, Little Rock, Ark.

Asparagus plumosus and Sprengeri. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
James D. Hooper, 812 Brook Ave., Richmond, Va.

Asparagus plumosus, fine 3-in., ready for 4-in., at $5.00 per 100. Weber Bros., Ironton, Ohio.

Asparagus Sprengeri, 4-in. pots, strong, $8.00 100. "Critchell's," Avondale, Cincinnati, O.

Asparagus Sprengeri, $2.00 100. Cash.
Jos. H. Cunningham, Delsware, O.

ASPIDISTRAS.

Aspidistra, green, $10.00 per 100 leaves. Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Aspidistras, green, $6.00 per 100 leaves; variegated, $10.00 per 100 leaves.
F. W. O. Schmitz, Prince Bay, N. Y.

ASTERS.

Asters. Semple's and Queen of the Market, separate colors, 30c per 100 by mail.
S. W. Pike, St. Charles, Ill.

AZALEAS.

Azaleas, Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100. Azalea mollis (hardy), 35c each, $3.00 doz., $20.00 100.
Good & Reese Co., Springfield, O.

Azalea mollis, well-budded, from $35.00 to $60.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

Bay trees, pyramids and standards, $10.00 and up. F. W. O. Schmitz, Prince Bay, N. Y.

BEDDING PLANTS.

Bedding plants in season. 50,000 geraniums, 300,000 pansies and all other seasonable bedding and some hardy perennial plants; also a few million vegetable plants in season. Price list mailed free on application from either place.
Ludwig Mosbaek, South Chicago, Ill., or Onarga, Ill.

BEGONIAS.

Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea maculata, and a few rubras, 2-in., $4.00 100.
E. B. Randolph, Delavan, Ill.

Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
W. T. Stephens & Co., Brookfield, Mo.

Begonias, rooted cuttings, $1.10 100, prepaid. Cash. Dann & Son, Westfield, N. Y.

Rex begonias, 4-in., $10.00 per 100.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

BOX WOOD.

3000 boxwood, dwarf, for sale. Fine, 3-yr.-old, $2.00 100; $15.00 1000. Cash with order.
John Kready, Mt. Joy, Lan. Co., Pa.

Boxwood, bush, Holland-grown, 2 ft., 75c.
Frank Kadlec, 177 Johnston Ave., Chicago.

BULBS.

	12.	100.	1000.
Caladium (elephant's ear)....30c		$2.00	$15.00
6x8 inch.....50c		3.00	25.00
8x10 inch.....60c		4.00	
Fancy leaved caladiums, per 6, $1.75 (stock limited)...$3.00		20.00	
Gloxinias, sep., white, red, violet, blue, mottled.....40c		2.75	25.00
All colors mixed.....30c		2.00	18.00
Tuberose Excelsior Pearl, dbl., 4x6 inch.....15c		75c	6.00
3x4 inch.....		30c	2.50

H. H. Berger & Co., 47 Barclay St., N. Y.

Caladium esculentums. Nothing but first-class stock.
5 to 7-in. cir.....$0.40 doz., $2.50 100
7 to 9-in. cir..... .60 doz., 4.00 100
9 to 12-in. cir..... .90 doz., 7.00 100
Mammoth ..... 1.60 doz., 13.00 100
Tuberosea. Dwarf Excelsior Pearl.
Mammoth, 6 to 8-in.....$1.50 100.
No. 1, 4 to 6-in..... 1.00 100, $7.50 1000
Medium ..... .60 100, 4.50 1000
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Bulbs. Largest stock of bulbs for fall and spring planting in America, always at your service.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Single begonias. 12 100 1000
1¼-in. and upward, scarlet white, crimson, rose, yellow.30c $2.25 $20.00
Tuberous rooted, dbl. 5 sep. col.50c 4.00 35.00
Gloxinia crass. erecta, 1¼-in. to 2-in. .....60c 4.00 .....
Second size, 1¼-in. and up, mix.40c 3.00 .....
Johnson & Stokes, 217-219 Market St., Phila.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required.
J. M. Thornburn & Co., 36 Cortlandt St., N. Y.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

10,000 Ismene calathina, fine bulbs. First size, large bulbs, $8.00 100; $70.00 1000. Second size, blooming bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

Lilium auratum, sound and in prime condition, good sized bulbs, $5.00 100, $45.00 1000; large bulbs, $6.00 100, $50.00 1000.
V. H. Hallock & Son, Queens, N. Y.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Caladiums, 5 to 7-in., 25c doz., $2.00 100; 7-9-in., 50c doz., $4.00 100. Cash.
Dann & Son, Westfield, N. Y.

Caladium bulbs, 5-7, $3.00, 7 to 9, $4.50; mammoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

Tuberoses, Excelsior Pearl, 4-6, $6.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

CACTI.

One splendid specimen plant of mammoth cacti of the Cereus colubrinus variety; 9 main branches varying from 9 to 16 feet in length.
Mrs. Lydia Ridings, Buford, Ohio.

CANNAS.

Good cannas cheap, to close out. C. O. D., if you wish to see them before paying. Or will exchange for other stock. What have you to offer? Varieties: Chas. Henderson, L. Patry, Pres. Cleveland, Francois Relf, Burbank, Alemannia, 50c per 100.
Mrs. Theodora S. Ellis, Griffin, Ga.

Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
Good & Reese Co., Springfield, O.

10,000 cannas, good, live eyes. Rosemawr, Gloriosa, Mme. Crozy, Queen Charlotte, 1500 crimson seedlings (this is a good canna), and 1500 bright red seedlings (extra good variety), at $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

Cannas. The Express, dwf. crimson; strong plants from 3-in., $1.50 doz., $10.00 100. Crozy, J. Colette Rochaine, Henderson, Pierson's Premier, Pennsylvania and mixed, 2-eyed dormant roots, $2.00 100.
N. Smith & Son, Adrian, Mich.

Cannas. Don't potter with scraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

A few thousand mixed cannas, all are good varieties; 90 per cent red, names lost; dry roots, $5.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

50,000 named cannas, best colors, $2.00 100; not named, $1.50 100. Cash. Send for list of cannas and bedding stock.
Benj. Connell, West Grove, Pa.

Canna roots. Austria, Florence Vaughan, $1.00 per 100. Sam. Trelease, Duke of Marlborough, $1.25 per 100.
C. M. Niuffer, Springfield, Ohio.

Cannas Austria, Pennsylvania, Black Prince, Henderson, Chicago, large, strong plants from 2½-in. pots, $3.00 100.
Springfield Floral Co., Springfield, O.

Canna Austria, rooted ready to pot, $15.00 per 1000. Cash with order.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

Cannas, 1000 large field clumps of Chas. Henderson and Florence Vaughan, $12.00 per 100.
Carl Hagenburger, West Mentor, O.

Emil Wieland, the best scarlet canna yet produced, 35c ea.; $3.00 10; $25.00 100.
Phoenix Nursery Co., Bloomington, Ill.

Cannas. Mrs. Kate Gray, started plants, large size, $3.00 per 100. Cash.
A. A. Harper, Pine Bluff, Ark.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

10,000 canna roots, in 10 leading varieties, from 75c to $1.25 100.
J. H. O'Hagan, Little Silver, N. J.

Canna McKinley, 4-in. pots, fine plants, $10.00 per 100. Cash please.
Valley Greenhouse Co., Sewickley, Pa.

50 varieties of cannas. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

Cannas, $1.00 per 100 and up. Send for varieties. W. W. Coles, Kokomo, Ind.

Cannas, 8 varieties, 4-in. pots, $5.00 100.
Jos. H. Cunningham, Delaware, O.

CARNATIONS.

Carnation rooted cuttings. Per 100:

The Queen	$5.00	Success	$4.00
Queen Louise	1.50	Mrs. Higinbotham	5.00
Lorna	2.50	Creasbrook	3.00
White Cloud	1.50	Mrs. E. A. Nelson	3.00
Flora Hill	1.50	Mrs. T. Lawson	3.00
Mrs. P. Palmer	3.00	Dorothy	2.00
J. H. Manley	4.00	Sunbeam	2.50
Oriole	2.50	Morning Glory	1.50
G. H. Crane	2.00	Mrs. Joost	1.25
Jubilee	1.50	Daybreak	1.25
Portia	1.25	Wm. Scott	1.25
D. Whitney	5.00	Crocker	1.25
Buttercup	3.00	Mermaid	2.00
Gold Nugget	2.00	Florlana	1.50
Eldorado	1.25	Harry Fenn	5.00
Prosperity	2.50	Gov. Roosevelt	2.50
Mrs. G. M. Bradt	3.00	Gen. Maceo	1.50

J. L. Dillon, Bloomsburg, Pa.

Carnations. Well rooted, healthy cuttings of the following varieties:

	100	1000.		100.	1000.
Nelson	$2.00	$18.00	Murphy's White	$3.00	$25.00
G'n Angel.	1.25	10.00	Flora Hill	1.25	10.00
H'botham	2.00	15.00	Wh. Cloud.	1.25	10.00
Sybil	3.00	25.00	Peru	1.25	10.00
McKinley	3.00	25.00	Norway	1.25	10.00
Joost	1.25	10.00	Gov. L'ndes	3.00	25.00
Estelle	2.50	20.00	Marion	1.25	10.00
Mrs. Ine	1.25	10.00	Bradt	2.00	15.00
Chicago (Red Bradt)	2.00	15.00	Roosevelt	3.00	25.00
H'low'den	3.00	25.00			

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties: Lady Bountiful, The Belle, Mrs. Patten, Judge Hinsdale, The President, $12.00 per 100; $100.00 per 1000.
A very profitable and novel set of bright shades, odd colors and very attractive—Bizarre, Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100	1000		100	1000
Harlowarden	$6.00	$50	Apollo	$3.00	$25
McKinley	5.00	40	Gov. Lowndes	5.00	40
M. Field	5.00	40	G. Roosevelt	2.50	20
Mrs. Roosevelt	5.00	40			

F. Dorner & Sons Co., Lafayette, Ind.

THESE VARIETIES NOW READY.

Red—	100	1000	White—	100	1000
Palmer	$2.00	$15.00	Q. Louise	$1.50	$12.50
Chicago (Red Bradt)	2.00	15.00	Norway	1.50	12.50
Estelle	3.00	25.00	Pink—		
H'owarden	3.00	25.00	Enchantress	6.00	50.00
White—			Mor'ng G.	2.00	15.00
H. Majesty	3.00	25.00	Higinb'am.	1.50	12.50
W. Cloud	1.50	12.50	G. Angel	1.25	10.00
Flora Hill	1.50	12.50	Cressbrook	1.50	12.50

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations from 2½-in. pots. 500 Lillian Pond, 1000 Boston Market at $5.00 per 100.
500 McKinley, 500 Mrs. Nelson, 1000 Estelle at $4.00 per 100.
1500 Marquis, 150 Gaiety, 750 Crane, 600 Cressbrook, 300 Higinbotham, 350 Florlana, 500 Morning Glory at $3.00 per 100.
2000 Queen Louisa, 500 Hill, 1500 Dorothy, 1500 Joost, 500 Crocker, 500 Guardian Angel, 250 Red Jacket, 350 Genevieve Lord at $2.50 per 100.
Walker & McLean, Youngstown, Ohio.

Carnations. Most of the following stock is from soil.

	100	1000		100	1000
L. Bountiful	$12.00	$100	The Belle	$12.00	$100
H. Majesty	5.00	40	Wolcott	4.00	30
Pond	4.00	30	Q. Louise	3.00	20
F. Hill	2.00	15	Moonlight	10.00	75
Vesper	10.00	75	Potter	12.00	100
Harlowarden	4.50	40	Field	4.50	40
D. Whitney	5.00	40	Estelle	3.00	25
Prosperity	3.00	20	Higinbotham	4.00	30

Chicago Carnation Co., Joliet, Ill.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

Special low prices for 10 days on rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.75	$15.00	Palmer	$2.00	$18.00
Nelson	2.00	18.00	Hill	1.25	10.00
G. Angel	1.25	10.00	W. Cloud	1.25	10.00
Dorothy	1.50	12.50	Q. Louise	1.25	12.00
Joost	1.25	10.00	Higinbotham	2.00	18.00
Crane	2.00	18.00	Prosperity	2.00	18.00
America	2.00	18.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnation plants ready for field planting. These plants are now in soil and are extra large:

12,000 Wolcott	$3.50 100	$30.00 1000
3,000 L. Pond	3.50 100	30.00 1000
5,000 Prosperity	2.50 100	20.00 1000
1,000 Lorna	2.50 100	20.00 1000
1,200 Gold Nugget	2.50 100	20.00 1000
2,000 Maceo	2.50 100	20.00 1000

Bassett & Washburn, 76 Wabash Ave., Chicago.

First class carnation cuttings from soil; nothing but stem cuttings.

	100	1000
6000 Harlowarden	$4.00	$30.00
1000 Norway	1.50	15.00
1200 Higinbotham	2.00	20.00
500 Nelson	2.50	25.00
500 Marshall Field	2.50	25.00

Also other varieties.
Flacher & Poppe, Blue Island, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnations, from 2¼in. pots, ready for the field or bench. Will ship to reach you any date desired.

	100	1000		100	1000
Joost	$2.00	$18.00	Innocence	$2.50	
Marquis	2.25	20.00	H. Majesty	4.00	
Dorothy	2.50		Glacier	2.25	$20.00
Crane	2.50	20.00	Prosperity	2.00	18.00
Hill	2.00	18.00			

Buckley Plant Co., Springfield, Ill.

The best selected carnations.

Strong, from soil.	100	Rooted cuttings.	100
Gov. Wolcott	$4.00	Gov. Wolcott	$3.00
Boston Market	4.00	Boston Market	3.00
The Queen	5.00	The Queen	3.50
Pres. McKinley	3.00	Prosperity	2.00
Estelle	5.00	Enchantress	5.00

Geo. Hancock & Son, Grand Haven, Mich.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Florlana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttings, first-class stock.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Rooted carnation cuttings.

	100	1000		100	1000
Lawson	$2.50	$20.00	Cloud	$1.50	$12.50
Enchant	6.00		Hill	1.50	12.50
Harlow'den	5.00		Palmer	2.50	
Norway	2.00	15.00	M. Glory	2.00	15.00

Crabb & Hunter, Grand Rapids, Mich.

Carnations:

	100	1000		100	1000
Lawson	$2.00	$16.00	W. Cloud	$1.75	$14.00
Crane	2.00	16.00	F. Hill	1.75	14.00
G. Angel	1.75	14.00	Cash with order.		

Olaf E. Sandberg, Peterson Ave., nr. Robey St., Rogers Park Sta., Chicago, Ill.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Bentley-Coatsworth Co., 35 Randolph St., Chicago.

Carnations, 2½-in., extra fine stock. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 100.
Prosperity, Roosevelt, Lorna, Lawson, Higinbotham, Mary Wood, White Cloud, Palmer, $3.00 100.
Flora Hill, Joost, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

New scarlet carnation Crisis, to be distributed in 1905; early and continuous bloomer; color the richest scarlet, size three inches and over; never bursts; stems long and very strong; we court investigation; $2.00 doz.; $12.00 100; $100.00 1000.
Davis Bros. Co., Bloomsburg, Pa.

Summer flow. carnations, Vulcan, red, Mrs. Fisher, white, $2.00 100. Strong plants from soil, Enchantress, $6.00; Prosperity, $3.00 100. Queen Louise, Flora Hill, Lawson, Wm. Scott, Joost, Crocker, Harlowarden, at $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Carnation rooted cuttings of the following varieties: Lawson, Morning Glory, White Cloud, Flora Hill, Crane, Estelle, Marquis, well-rooted, healthy, strong cuttings.
Crown Point Floral Co., Crown Point, Ind.

CARNATIONS—Continued.

Carnations, 2½-in., extra fine stock. 150 Morning Glory, 250 Joost, 300 Lawson, 500 Crane, 250 Gen. Maceo, 250 Flora Hill, $2.50 per 100. Cash with order.
Carl Petersen, cor. Stryker and Annapolis St., St. Paul, Minn.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

2000 Lawson, strong plants from soil, $2.50 100; $20.00 1000. 2000 Lawson, strong rooted cuttings, $2.00 100; $15.00 1000. 2000 Scott, strong rooted cuttings, $1.00 100; $8.00 1000. Cash. DePew Bros., Nyack, N. Y.

INDIANAPOLIS, the best bright pink carnation in sight. Fine, healthy cuttings that will make fine stock for next winter's flowering, $2.50 doz., $12.00 100, $100.00 1000.
Baur & Smith, W. 38th, Indianapolis, Ind.

Carnations for summer blooming. Mrs. Fisher, $25.00 1000. Wm. Scott, $15.00 1000. Strong, healthy plants from soil. We guarantee satisfaction.
Leo Niessen, 1217 Arch St., Philadelphia.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

10,000 extra fine rooted cuttings of carnations. The Queen, $40.00 per 1000, $5.00 per 100. Cash with order.
Geo. E. Buxton, Nashua, N. H.

Carnation Ethel Crocker from soil, $1.25 100. Cash with order.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

Rooted carnation cuttings. Fine, healthy stock of Joost, Flora Hill, Gomez, $1.50 100; $12.50 1000. C. W. Blatchley, Plantsville, Conn.

Rooted cuttings of all the new and standard varieties of carnations. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Rooted cuttings of Hill, Joost, Crocker, Queen Louise, $12.50 to $15.00 1000.
Eugene Bernheimer, 11 So. 16th St., Phila.

CENTAUREAS.

Surplus stock. Centaurea gymnocarpa (Dusty Miller) from seed flats, 35c per 100.
Geo. F. Heath, Bennington, Vt.

Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

Centaurea (Dusty Miller), 3-in. pots, $4.50 per 100.
Valley Greenhouse Co., Sewickley, Pa.

Centaureas, fern leaved, fine plants, $3.00 100. F. A. Baller, Bloomington, Ill.

CHRYSANTHEMUMS.

Rooted cuttings of Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madam Diederichs, $6.00 100.

Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Maud Dean, Primo, Intensity, Adrian, H. Hurrell, Erutus, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, rooted cuttings from sand, $1.50 100.

Bonnaffon, Mrs. H. Robinson, Niveus, Jerome Jones, F. B. Hayes; Merry Monarch, white and yellow; Ivory, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
G. F. Neipp, Aqueduct, Woodhaven, N. Y.

Rooted chrysanthemum cuttings:
Lady Fitzwygram, Yellow Fitzwygram, G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Appleton, Minerva, J. W. Childs, John Shrimpton, Philadelphia, Viviand-Morel, Halliday, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Cullingfordii, Adula, Jones, yellow; Blackhawk, Golden Wedding, W. H. Lincoln, Maud Dean, Nagoya, Timothy Eaton, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
WM. F. KASTING, Buffalo, N. Y.

Chrysanthemum rooted cuttings. Per 100:

Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2.00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalskov	1.50

Newer varieties on application. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums, strong plants, 2-in. pots, $2.50 per 100, $20.00 per 1000:

Mrs. Henry Robinson,	W. H. Chadwick,
Mrs. O. P. Bassett,	Polly Rose,
Gov. Beckham,	Col. D. Appleton,
White Bonnaffon,	Bouquet of Roses,
A. J. Balfour,	E. Dalliedouze,
	Ivory.

NANZ & NEUNER, Louisville, Ky.

White Varieties.	R. C. Per 100.	R. C. Per 1000.	2-inch, Per 100.
T. Eaton	$2.00	$15.00	$3.00
W. H. Chadwick	2.00	15.00	3.00
Wht. Bonnaffon	1.50	12.50	2.00
Wanamaker	1.50	12.50	2.00
E. S. Kalb	1.50	12.50	2.00
Estelle	1.50	12.50	2.00
Robinson	1.50	12.50	2.00
Ivory	1.50	12.50	2.00
Merry Xmas	1.50	12.50	2.00
Polly Rose	1.50	.....	2.00
Wht. Mayflower	1.50	.....	2.00
Yellow.			
Golden Beauty	1.50	12.50	2.00
Golden Wedding	1.50	12.50	2.00
Oct. Sunshine	1.50	12.50	2.00
Col. Appleton	1.50	12.50	2.00
Bonnaffon	1.50	12.50	2.00
Yellow Mayflower	1.50	.....	2.00
Omega	1.50	.....	2.00
Pink.			
W. Duckham	25.00	.....	.....
Murdock	1.50	12.50	2.00
V.-Morel	1.50	12.50	2.00
Mrs. Perrin	1.50	12.50	2.00
Glory of Pacific	1.50	12.50	2.00
Marion Newell	1.50	.....	2.00
Richardson	1.50	.....	2.00
Lavender Queen	1.50	.....	2.00
J. K. Shaw	1.50	.....	2.00
Red.			
Oakland	1.50	.....	2.00

Wietor Bros., 51 Wabash Ave., Chicago.

Rooted chrysanthemum cuttings, strictly first-class in every respect, $1.25 per 100; $10.00 per 1000.

White Fitzwygram	Heno
Yellow Fitzwygram	Lincoln
Robinson,	Nagoya
John Shrimpton,	T. Eaton
Philadelphia	Robert Halliday
Helen Bloodgood	Monrovia
White Ivory	Golden Trophy
Pink Ivory	Childs
Maud Dean	Mutual Friends
Pacific	Mrs. Jones
Kalb	Blackhawk
Polly Rose	G. Wedding
Minerva	Perrin
Adula	Yellow Bonnaffon
Cullingfordil	

H. G. FISHEL, Corfu, N. Y.

Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100:

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
Marion Henderson	1.50	2.50
Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
H. N. EATON, South Sudbury, Mass.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pockett varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemums, fine, healthy stock, Estelle, Robinson, Glory of Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Chadwick, Golden Wedding, Mrs. Murdock, Lavender Queen, Silver Wedding, $1.50 100, $12.00 1000. Cash please.
"Critchell's," Avondale, Cincinnati, O.

Chrysanthemums, strongest plants in the market, from flats. Golden Beauty, Col. Appleton, Eaton, Niveus, Polly Rose, Henderson, Red and others, $2.25 per 100; $20.00 per 1000. Send 25 cents for samples.
John Stamm, Hutchinson, Kans.

Chrysanthemums. Bonnaffon, Pacific, Ivory, Perrin, Eaton, and all other commercial varieties, 2½-in. pots, $2.50 100; rooted cuttings, $1.25 per 100.
J. H. Orth & Co., McKeesport, Pa.

Rooted cuttings, $1.25 100; $10.00 1000.

Omega,	Kalb,
October Sunshine,	Lady Harriett,
Parr,	Pink Ivory.

Grand Rapids Violet Co., Grand Rapids, Mich.

Chrysanthemums, well-rooted cuttings. Glory of Pacific, $1.25 per 100. T. Eaton and Col. Appleton, $1.50 per 100. By mail postpaid.
A. B. Campbell, Cochranville, Pa.

Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

White Maud Dean, ready now, 2½-in. pots, $15.00 100, $2.50 doz. Estelle and 6 other var. from soil, $3.00 100, $25.00 1000.
S. S. Skidelsky, 708 No. 16th St., Phila.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.25 100; $10.00 1000.
Chase & Son, New London, O.

Chrysanthemums, 2-in., best sorts, 40c doz., $2.50 100, $20.00 1000. New var., 2-in., $1.00 doz. Good & Reese Co., Springfield, O.

Chrysanthemum cuttings, Major Bonnaffon, Mrs. Robinson, Golden Wedding, $1.00 per 100. Chadwick cuttings later.
Otto Hansen, Mont Clare, Ill.

Rooted cuttings of The Queen and Golden Wedding, $1.00 per 100; Appleton and Perrin, $1.25 per 100. Cash.
J. S. Stremler, Princeton, Ky.

Chrysanthemums, 2¼-in. T. Eaton and Appleton at $2.00 per 100. Pacific and Polly Rose at $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Chrysanthemums. All the new and standard varieties at lowest prices.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Chrysanthemum White, Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Eaton and Appleton in quantity; strong 2-in. plants, $2.50 100, $20.00 1000.
A. Rasmussen, New Albany, Ind.

Chrysanthemums, standard sorts, 2½-in. pots, $2.50 and $3.00 per 100.
B. Hasselbring, Flint, Mich.

Chrysanthemums, all the best standard varieties from soil, $1.50 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

70 best varieties of chrysanthemums. Send for list and prices.
The Diogee & Conard Co., West Grove, Pa.

Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
H. Weber & Sons, Oakland, Md.

Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon chrysanthemums, $2.00 100.
W. W. Coles, Kokomo, Ind.

Chrysanthemum rooted cuttings, leading standard varieties, $1.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums, assorted, $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Chrysanthemums, young plants, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

CLEMATIS.

Clematis, Holland-grown, 2-yr.-old Jackmani, Henryi and Gypsy Queen, 25c. Home-grown, 2-yr.-old, No. 1 stock, purple, white, red and pink, 20c; 2-yr., lighter grade, 15c. Small flowering, 2 and 3-yr., red, blue and white, 15c.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Home-grown plants in good condition: Jackmani, 1-year, medium, $8.00 100; 2-year, medium, $12.00 100; Henryi and Mme. Ed. Andre, 1-year, medium, $10.00 100; 2-year, medium, $14.00 100.
V. H. Hallock & Son, Queens, N. Y.

Clematis, H. P. roses, Hydrangea pan. grand. and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Klazie St., Chicago.

Clematis, leading kinds, strong, $3.00 doz.; medium, $2.00; pot-grown, $2.50. Clematis paniculata, fine plants, $1.00 doz.
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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa; Anemone Pennsylvanica; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcherlana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.

Not less than 10 of one variety and no order received for less than $1.00 at these prices. Cash with order.
Wm. F. Bassett & Son, Hammonton, N. J.

Collected white pine and hemlock, 4 to 12-in., $8.00 per 1000; 1½ to 3 ft., good roots and tops, $30.00 per 1000. Betula lenta, lutea, papyracea, 1 to 3 ft., $8.00 per 1000. Viburnum cassinoides, dentatum, lantanoides, 1 to 2 ft., $8.00 per 1000. Viburnum lentago, 1 to 4 ft., $15.00 per 1000; 4 to 8 ft., bushy, good roots, $15.00 per 100. Aspidium acrostieboides, marginale, spinulosum, $2.00 per 100. Onoclea strutheopteris, $4.00 per 100. Osmunda cinnamomea, claytonia, regalis, $4.00 per 100, $25.00 per 1000. Lobelia cardinalis, large plants, $2.50 per 100.
L. E. Williams, Nottingham, N. H.

Surplus. Outdoor grown. Genuine bargains. Mandevilla Suav., 2-yr., 10c. Y. Banksia, B. of Glazenwood, Crimson Rambler, 2-yr., 4-in. (fine), 12c; 1-yr., 4-in., 6c. L. Marie violets, full of runners, 2c. California violets, $1.50 per 100. Sax. Sarmentosa, smilax and Asp. Spren., 1c. Mixed cosmos, 1c. Pepper tree seedlings, 3c. Acacia floribunada, 2 to 3 ft., 15c.
Gem Nursery, Los Gatos, Cal.

1000 coreopsis, strong clumps, $4.00 100. Achillea, The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
W. G. Eisele, Box 100, West End, N. J.

Bleeding Hearts, $1.00 per doz., $7.00 per 100. Snowball, opulus, 3 ft., $1.80 doz., $12.00 per 100.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

Every florist and grower of hardy perennials must have STOKESIA CYANEA. The best novelty in years. For circulars and prices write
Edward Harris, Mooreatown, N. J.

Hardy phlox, 20 varieties, mixed, and pure white; divided field clumps, 3 to 5 eyes, $3.50 per 100; $30.00 per 1000.
W. E. Fullerton, Whitman, Mass.

Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000. Rudbeckia Golden Glow, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Small fruit trees, shade and ornamental trees, shrubs, etc. Send for our list.
Spaulding Nursery and Orchard Co., Spaulding, Ill.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Hardy plants, last season's propagation. See display adv. for varieties and prices.
N. Smith & Son, Adrian, Mich.

Hardy phlox from 3-in pots, 4 to 6 eyes, in choice mixed colors, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

Rudbeckia Golden Glow, fine plants, $1.00 per 100, $8.00 per 1000. Cash.
A. A. Harper, Pine Bluff, Ark.

Stokesia cyanea, from seed bed ready to pot, at $1.00 per 100, postpaid.
A. B. Campbell, Cochranville, Pa.

Rudbeckia Golden Glow, strong divisions, $2.00 per 100; $12.50 per 1000.
Wm. A. Finger, Hicksville, L. I., N. Y.

Rudbeckia Golden Glow, good divisions, 60c 100, $5.00 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Ampelopsis Veitchii and Clematis paniculata. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

Pin oaks, 10 to 12 feet, $1.00 each, $75.00 per 100. Samuel C. Moon, Morrisville, Pa.

Hardy phlox, clumps; best varieties, $6.00 per 100. John Stamm, Hutchinson, Kans.

Send for our list of surplus nursery stock.
Suzuki & Ilda, 31 Barclay St., New York.

HELIOTROPES.

Heliotropes, best dwarf varieties, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Heliotropes, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotrope Florence Nightingale, $2.50 100.
Springfield Floral Co., Springfield, O.

Heliotropes, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Heliotropes, best varieties, $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

Hibiscus, 10 leading sorts, dbl. and single, 2 in., 40c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HONEYSUCKLES.

Honeysuckles, Hall's Japan, Chinese Evergreen, Scarlet Trumpet, Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000.
Good & Reese Co., Springfield, O.

Honeysuckles Halliana, Chinese Evergreen, golden leaved, $2.00 100.
Springfield Floral Co., Springfield, O.

Hall's Japan, field-grown, strong, $4.00 per 100. Cash. Benj. Connell, West Grove, Pa.

HYDRANGEAS.

Hydrangea azurea, sky-blue, new Paris variety; 2-year-old plants for growing on to specimens, from 6-in. pots, $75.00 per 100. Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Hydrangea hortensis rosea, finest introduction of late years, 2½-in. pot cuttings, well-rooted, $6.00 per 12; $45.00 per 100. Ready for immediate delivery.
Julius Roehrs, Rutherford, N. J.

Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
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Hydrangea Otaksa, 6-7-in. pots, good, strong plants that will need 7-8-in. pots, 25c and 35c.
Crown Point Floral Co., Crown Point, Ind.

Hydrangeas. Thos. Hogg, 2½in., $2.50 per 100, $20.00 per 1000; monstrosa, 2½in., $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Hydrangeas Otaksa, Hortensis, 4-in. pots; mostly in bud, $8.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

Hydrangea paniculata grandiflora, home-grown, 2 to 3 ft., $1.50 per doz.
Frank Kadlec, 177 Johnston Ave., Chicago.

Hydrangeas, strong stock, 4 to 6-in. pots, 10 to 20 cents.
Levant Cole, Battle Creek, Mich.

Hydrangea monstrosa, 2½-in., $4.00 100, $30.00 1000. Springfield Floral Co., Springfield, O.

Hydrangea Otaksa, 6-in., 3 to 4 buds, $2.50 per doz. Geo. H. Benedict, Yorkville, N. Y.

IVY.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100. $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, 1000 extra strong bushy plants, 4-ft. high, $15.00 100; $2.25 doz. 100 extra fine 8-ft. plants, $4.00 doz.
John Reck & Son, Bridgeport, Conn.

English ivies, out of 3-in pots, vines 3 to 4 feet long, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

English ivy, 2-inch pots, $1.50 100; $12.00 1000. F. Walker & Co., New Albany, Ind.

English ivy plants, 8-in. long, $2.00 per 100.
J. H. Bornhoeft, Tipton, Ind.

English ivy, strong, 4-in., $10.00 100.
H. Weston, Hempstead, N. Y.

German ivy, 2½-in., $2.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

English ivy, 3-in., $3.50 100. Cash.
Converse Greenhouses, Webster, Mass.

German ivy, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LANTANAS.

Lantanas, 2½-in. pots, assorted colors, $3.00 per 100. Cash please.
"Critchell's," Avondale, Cincinnati, O.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, assorted, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LEMONS.

Lemon ponderosa, 2-in., 50c doz., $3.00 100; 15 in. high, 3-in., $1.00 doz., $8.00 100; 20 in. high, 4-in., $1.50 doz., $12.00 100; 36 in. high, 6-in., $5.00 doz.
Good & Reese Co., Springfield, O.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips. $2.50 per 1000; $20.00 per 10,000.
Klehm's Nurseries, Arlington Heights, Ill.

The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
H. N. Bruns, 1409 W. Madison St., Chicago.

Empress lily of valley, $12.00 1000. Case 2500, $25.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

LOBELIAS.

Lobelias, dwarf, $2.50 per 100.
H. S. Courtney, Sparkill, N. Y.

MADEIRA VINES.

Madeira vines, strong roots, 25c doz., $1.50 100, $10.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Madeira vines, 60c per 100.
Mrs. J. B. Rapp, Box 66, Owensville, O.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

A. W. Smith's hybrid moonvines, Ipomea noctiflora, 2½-in., $5.00 per 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

5000 moonvines, 2¼-inch pots, $3.50 100; 3-inch, very strong, $5.00 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Moonvines, blue and white. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Moonvines, 2-in., blue and white, 40c doz., $2.50 100. Good & Reese Co., Springfield, O.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

OLEANDERS.

Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

Cattleya Trianae, established and unestablished. Address.
Thomas Jones, Short Hills, N. J.

PALMS, ETC.

Palms, fine plants; more for your money than from Belgium.

Latania borbonica, from	5½-in. pots.		$25.00	100
Kentia Belmoreana, "	3-in.	"	15.00	"
" " "	4-in.	"	25.00	"
" " "	4½-in.	"	35.00	"
" " "	5-in.	"	45.00	"
" Forsteriana, "	3-in.	"	20.00	"
" "	made-up plants, 5 to 7-in.			

pots, about 2½ to 3-ft., high, $18.00 per doz.
Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

Here are some good palms cheap.	100
Latania Bor., 2-in. pot, seed leaves	$ 3
" " 3-in. pot, 15-18 in., 2-3 ch. lvs.	12
" " 5-in. pot, 18-20 in., 3-4 ch. lvs.	15
" " 5-in. pot, 20-24 in., 4 ch. lvs.	20
Kentia Bel., 2½-in. pot, 8-10 in., 2-3 leaves..	12
" " 2½-in. pot, 15-18 in., 3-4 leaves	15
" " 3-in. pot, 15-18 in., 4-5 leaves..	18
" " 3-in. pot, 18-24 in., 5-6 leaves..	20

Sherman Nursery Co., Charles City, Ia.

	100
300 Kentia Forsteriana, 3-in. pots	$12.00
600 Kentia Forsteriana, 4-in. pots	25.00
200 Kentia Belmoreana, 4-in. pots	25.00
200 Latania borbonica, 5-in. pots	25.00

Walker & McLean, Youngstown, Ohio.

Latanias, kentias, arecas, phoenix, pandanna, etc., 3-in., 10c each; 4-in., 15c; 5-in., 25c; 6-in., 40c. Batavia Greenhouses, Batavia, Ill.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Kentias, strong; 3-in., $12.50; 4-in., $25.00 100. W. W. Coles, Kokomo, Ind.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

100,000 pansies, superb strain, ready now. Fine, large fall transplanted pansies, in bud and bloom. A trial order will convince you that these are the best you ever handled. $1.25 100; $10.00 per 1000. Cash with order.
Leonard Cousins, Jr., Concord Junction, Mass.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large plants in bloom, $1.00 100, $8.00 1000; 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Giant-flowering pansies, mixed, 2½-in., $1.50 per 100 A. B. Campbell, Cochranville, Pa.

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size and greatest variety of rich and rare colors and markings. Every variety worth growing, including all the giant sorts, are in this strain and they were grown from seed specially selected from the finest flowers of each sort. Fine stocky, hardy, field-grown, seed-bed plants, sowed thinly, just coming in bud, all varieties mixed, $4.00 per 1000; 500, $2.25. Cash with order. Pansies a specialty for 30 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100. $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

Pansy plants, fall transplanted, large plants well set with buds and bloom, $1.25 100. Fine stock and prompt shipment. Cash, please.
Stephen Chase, Nashua, N. H.

Pansies, fancy stock, large clumps all in bloom, $4.00 per 100. Cash.
I. Merwin Rayner, Greenport, N. Y.

Pansy plants. Prize strain of Bugnot, Cassier and Odier, once transplanted, $4.00 1000; extra large plants, $1.25 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Pansies, strong plants in bud and bloom, $2.00 100. Cash.
H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Pansy plants, fall transplanted, large flowering, mixed, in bud, $1.50 per 100.
A. R. Knowles, Bloomington, Ill.

Pansies, $1.00 100, $8.00 1000. Cash, please.
Converse Greenhouses, Webster, Mass.

PELARGONIUMS.

Pelargoniums, Mme. Thibaut, Sandiford, Victor, Red and Jack, 2-in., $2.00; 3-in., $4.00; 4-in., $8.00. Batavia Greenhouses, Batavia Ill.

Pelargoniums, 2½-in., in bud and bloom, 3 good varieties, to close out, $3.00 per 100.
Krueger Bros., Toledo, O.

Pelargoniums Sandiford's Wonder, Cap. Raikes and Victor, 2½-in., $8.00 100.
N. Smith & Son, Adrian, Mich.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

Double Chinese herbaceous peonies, splendid roots with 2 to 5 eyes. Pink—$1.25 doz.; $7.00 100. White—$1.50 doz.; $10.00 100. Dark red—$1.25 doz.; $7.00 100. Mixed—$1.00 doz.; $6.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Peonies, Holland-grown, 3 eyes and up. Queen Victoria, double white; officinalis, double dark red, $1.80 doz., $12.00 100.
If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, double pink, good variety; good roots, $6.00 per 100.
Levant Cole, Battle Creek, Mich.

PETUNIAS.

Petunias.	White or pink	$3.00 per 100
	Assorted	2.50 per 100
	Mixed	2.00 per 100

The McGregor Bros. Co., Springfield, Ohio.

Petunias, dbl. and single California Giants, in bud, 2½-in., $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Double fringed petunias, 3 varieties, separate colors, in bud and bloom, $2.50 per 100, $20.00 per 1000. Krueger Bros., Toledo, O.

Petunias, dbl. white, fine plants; 2-in. $3.50 100. Hammerschmidt & Clark, Medina, O.

Petunias, named, dbl., $1.25 100; $10.00 1000. Exp. paid. S. D. Brant, Clay Center, Kan.

Petunias, dbl., fine, assorted, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double-fringed petunias, 2-in., $2.00 100.
B. I. Rawlings, Quakertown, Pa.

Seedling petunias, $3.00 100.
Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

500 poinsettias, dormant stock, two and three years old, $6.00 100. Cash with order.
DE PEW BROTHERS, Nyack, N. Y.

Poinsettias, dormant, 6-in., 30c each.
Batavia Greenhouses, Batavia, Ill.

Poinsettias, dormant, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

PRIMULAS.

Primula obconica, 4-in., $6.00 per 100. Baby primrose, 3-in., $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Primula Forbesii, Baby primrose, 2-in., 50c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

CALIFORNIA PRIVET.	1000
1-yr., 12 to 18-in., branched	$ 7.50
2-yr., 18 to 24-in., branched	15.00
3-yr., 24 to 30-in., branched	18.00
6-yr. specimens, $50.00 per 100.	
1-yr. culls	5.00

Cash with order.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

CALIFORNIA PRIVET.	1000.
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18-in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
Good & Reese Co., Springfield, O.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Elsele, Box 100, West End, N. J.

California privet, 3 to 4-ft., transplanted, $4.00 100; 18 to 20-in., bushy, $2.00 100.
Benj. Connell, West Grove, Pa.

Ligustrum Ibota, hardy Japan privet, 4 to 5 ft., $10.00 per 100, $80.00 per 1000.
Samuel C. Moon, Morrisville, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendrons, large plants, $90.00 100; specimens, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Rhododendrons, 2 ft. high, 85c each, $9.00 doz.
Good & Reese Co., Springfield, O.

ROOTED CUTTINGS.

	100.	1000.
Rooted cuttings		
Coleus, 10 best sorts	60c	$5.00
Coleus, Verschaffeltii, Golden Bedder and Firebrand	75c	6.00
Salvias splendens, Bonfire	$1.00	9.00
Heliotropes, light and dark	1.00	9.00
Ageratum Stella Gurney	60c	5.00
Water or Parlor ivy	60c	
Sweet alyssum, giant dbl.	60c	
Marguerites, white, yellow	$1.00	
Lantanas	1.00	
Lemon verbenas	1.00	

Cash with order, please. No orders for less than $1.00.
"Critchell's," Avondale, Cincinnati, O.

Rooted cuttings at 50c per 100, dwarf blue lobelias. At 75c, dbl. sweet alyssum, annual pinks, single mixed; double, red and white; hardy picks (cyclops). At $1.00, dbl. yellow dais, heliotrope. Salvia Silverspot, weeping lantanas, feverfew, vincas light or dark varg.; large-flowering Marguerites, yellow and white; English and German ivy, artillery plant, cigar plants, Venus' hair and Abutilon Savitzii. At $2.00, the new ivy geraniums, Leopard, Beauty of Jersey, P. Crozy and dbl. white. At $3.00, big 3-in. Sprengeri, vincas and Boston runners.
J. A. Wibe, Box 125, Downers Grove, Ill.

Rooted cuttings. Ageratums—Gurney, Pauline; Alternantheras—yellow, 50c 100. Double petunias—12 kinds, $1.00 per 100. Stevia var., 90c per 100. Vinca var., 75c per 100. Fuchsias—5 kinds. Lantanas—Harkett's Perfection and trailing. Heliotropes—blue, $1.00 per 100. Prepaid. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTER, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

Roses. Maids, Brides, Gates, strictly No. 1 stock, $3.50 100; $30.00 1000.
2-yr.-old Beauties, Maids, Brides, from bench. Price on application.
Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.
FROM 2½-IN. POTS.

HYBRID PERPETUALS, $4 per 100, $35 per 1000. Alfred Colomb, crimson; Anne de Diesbach, pink; Baron de Bonstettin, maroon; Caprice, striped; Caroline de Sansal, rose; Cl. Jules Margottin, pink; Clio, flesh; Coquette des Alps, white; Coquette des Blanches, white; Duc de Rohan, vermilion; Fisher Holmes, crimson; Gen. Jacqueminot, crimson; Gen. Washington, red; Gloire de Margottin, scarlet; John Hopper, pink; John Keynes, maroon; Jules Margottin, carmine; La Reine, rose; Mme. Gabriel Luizet, rose; Mme. Georges Bruant, white; Mme. Plantier, white; Magna Charta, rose; Marchioness of Lorne, red; Margaret Dickson, white; Marshall P. Wilder, crimson; Maurice Bernardin, red; Mrs. Cleveland, flesh; Mrs. John Laing, pink; Mrs. Sharman-Crawford, rose; Oakmont, pink; Paul Neyron, pink; Pierre Notting, maroon; Pride o' Waltham, carmine; Prince Camille de Rohan, maroon; Ulrich Brunner, red; Victor Verdier, rose.

TEAS and HYBRID TEAS, $4 per 100, $30 per 1000.

Agrippina, red; Bon Silene, crimson; Bridesmaid, pink; Caroline Marnisse, white; Catherine Mermet, pink; Champion of the World, pink; Clothilde Soupert, flesh; Duchess of Albany, pink; Hermosa, rose; Kaiserin A. Victoria, white; La France, pink; Maman Cochet, rosy-carmine; Marie Guillot, white; Mrs. Degraw, pink; Meteor, crimson; Pink Soupert, deep pink; Perle des Jardins, yellow; Queen's Scarlet, scarlet; Souvenir de la Malmaison, flesh; Sunset, yellow.

CLIMBING and RAMBLER ROSES, $4 per 100, $30 per 1000.

Baltimore Belle, blush; Crimson Rambler, crimson; Empress of China, red; Gloire de Dijon, creamy; Helene, rose; Marechal Niel, yellow; Pink Rambler (Euphrosyne), pink; Queen of the Prairies, red; Russell's Cottage, crimson; Seven Sisters, pink; Tennessee Belle, blush; White Rambler (Thalia), white; Wichuraiana, white; Yellow Rambler (Aglaia), lemon.

DOROTHY PERKINS, new, shell-pink, $5 per 100; $45 per 1000.

MOSSES, $4.50 per 100; $40 per 1000.

Blanche Moreau, white; Blanche Robert, white; Crimson Globe, crimson; Princess Adelaide, pink.

25 at 100-rate, if not less than 5 of a variety; 250 at 1000 rate, if not less than 25 of a variety; special rates on lots of 5000 or more; offered subject to our usual terms and conditions of sale.

Send for descriptive price-list.
JACKSON & PERKINS CO., Newark, New York.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty	6.00	50.00			

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rose plants, strong, 2½-in. stock.

	100	1000		100	1000
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Chatenay	6.00	50	Bridesmaid.	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise	$8.00	$70.00
Liberty	8.00	70.00	G. Gate	7.00	60.00

The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Low-budded H. P. roses, in all colors, $1.75 per doz.; 10 of same variety in good assortment, $11.00 per 100.

Climbing roses, Crimson Rambler, Pink Rambler, Seven Sisters, 4 to 5 ft.; White Rambler, Gloire de Dyon and Leuchstern, 3 to 4 ft., assorted, $3.00 per doz.

If goods are not satisfactory, return them and get your money back.
Frank Kadlec, 177 Johnston Ave., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.

2-in.	$5.00 per 100;	$45.00 per 1000
3-in.	6.00 per 100;	55.00 per 1000
4-in.	8.00 per 100;	75.00 per 1000

If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Maman Cochet, white and pink, 2-in. pots, strong plants, $20.00 per 1000; $2.50 per 100; 4 and 4½-in. pots, strong plants, $8.00 per 100.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

Rose plants, 2-inch stock.

	100.	1000.		100	1000.
Bridesmaid.	$3.00	$25.00	G. Gate	$2.50	$20.00
Bride	3.00	25.00	Ivory	2.50	20.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty	5.00	45.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Beauties, 2¼-in., $6.00 per 100, $50.00 per 1000; 3-in., $8.00 per 100, $70.00 per 1000. Queen of Edgely, 3-in., $8.00 per 100, $70.00 per 1000. Brides, Bridesmaids, Meteors, Liberties, 2¼-in., $3.00 per 100, $25.00 per 1000. Ivory, 3-in., $6.00 per 100, $50.00 per 1000.
J. F. WILCOX, Council Bluffs, Iowa.

Roses, 2½-in. Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Glory de Polyantha, Mignonette, $2.50 100, $20.00 1000; Ball of Snow, 2-yr.-old, 4-in., $8.00 100.
Springfield Floral Co., Springfield O.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Bridesmaids, $12.00 per 100; Liberties, $15.00 per 100.

Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice, well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Grafted Bride and Bridesmaid, clean and in splendid condition to shift into 3-inch pots, $12.00 100; $100.00 1000.
F. Macrae & Sons, 1138 Smith St., Providence, R. I.

Extra cheap offer roses for winter forcing, true and good. Ideal (Improved La France), Catherine Guillot (orange), 2-in. pots, ready for 3-in., $5.00 per 100.
Albert Knapper, Ambler, Pa.

Grafted roses, fine, bushy plants, 3 and 3½-in. pots. Bridesmaid, Bride, Golden Gate, Kaiserin, $15.00 100. Ivory, Liberty, $18.00 100. J. L. Dillon, Bloomsburg, Pa.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses from 2½-in. pots. 1000 Golden Gate, 1000 Ivory and a few Bride and Maids, $2.25 100; $20.00 1000. Fine stock, guaranteed O. K.
Fostoria Floral Co., Fostoria, O.

Extra heavy dormant field-grown Crimson Ramblers, finest you ever saw; 12 for $2.50; 25 for $4.50; 50 for $8.88; 100 for $15.00.
Templin & Sons, Calla, O.

Surplus roses. Meteors, Brides, Bridesmaids, Golden Gates, 2-in., ready for 3-in., $2.50 per 100. Fine stock, sure to please.
G. Van Bochove & Bro., Kalamazoo, Mich.

Mme. Chatenay, most profitable pink rose in the Chicago market this year, fine, healthy stock, $6.00 100; $50.00 1000.
Emil Glauber, Montclair, Colo.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

500 leading var. of roses from 2½-in. and 4 and 5-in. pots. Send for list and prices.
The Dingee & Conard Co., West Grove, Pa.

500 American Beauty roses, own roots, strong plants from 2½-in. pots, now ready, $6.00 per 100. W. E. Fowler & Co., Holly Oak, Del.

Roses, 2-in., leading sorts, 50c doz., $3.00 100; 4-in., $1.25 doz., $10.00 100.
Good & Reese Co., Springfield, O.

Hardy roses, 2-year-old bushes, all leading var., $11.00 per 100, $100.00 1000.
A. T. Boddington, 35 Warren St., New York.

Roses. Bride and Maid, 2-in., $2.50 per 100. Am. Beauty, 2-in., $4.50 per 100.
Paul O. Tauer, Lebanon, Ind.

Brides and Bridesmaids, 2-in. pots, ready for shift, $3.00 100, $25.00 1000.
H. S. Courtney, Sparkill, N. Y.

American Beauties, strong 3-in., $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Kaiserin, ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

Kaiserin and La France, 2¼-in., ready to shift, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

AMERICAN BEAUTIES, fine stock from 2½-in., $5.00 per 100.
South Park Floral Co., New Castle, Ind.

H. P. and Crimson Rambler roses, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.50 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Roses. Brides and Maids, 2½-in. pots, bushy, $3.00 per 100. J. H. Bornhoeft, Tipton, Ind.

H. P. roses, leading market varieties, $10.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salviaa. Bonfire, Silverspot and splendens, 2¼in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Salvias, $1.00 100; $8.00 1000. Exp. paid. Cash. S. D. Braut, Clay Center, Kan.

Salvia splendens and Clara Bedman, $3.00 100.
H. S. Courtney, Sparkill, N. Y.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

Salvia patens (blue), 2¼-in., $3.00 100.
N. Smith & Son, Adrian Mich.

Salvia splendens, 2-in., $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Salvia splendens, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

SEEDS.

	100.	1000.	5000.
Asparagus plumosus nanus	65c	$5.00	$23.00
Asparagus Sprengeri	15c	1.00	3.75
Cocos Weddeliana, fresh	65c	5.00	
Kentia Belm. or Forst	40c	2.50	10.00
Areca lutescens	75c	6.00	35.00
Latania borbonica	30c	1.75	7.50
Primula sinensis fimbriata,			
Primula alba magnif., white	25c	1.75	
Primula coerulea, finest blue	35c	1.75	
Primula Kermesina, crimson	25c	1.75	
Primula delicata, rose	25c	1.75	
Primula coccinea, finest blue	35c	1.75	
Primula choicest mixed	20c	1.50	

Primula Forbesi, Baby primrose, obconica grand., rose, white, trade pkt., 50c.
H. H. Berger & Co., 47 Barclay St., N. Y.

Primula chinensis, alba magnifica, white; Holborn Blue; Kermesina splendens, crimson; Rosy Morn, pink; fern-leaved, mixed colors, 60c ½ trade pkt., $1.00 trade pkt. Michell's dbl. white and dbl. mixed. Michell's choicest European mixture, same price as above; also 1-16 oz., $2.00.
Stellata (Sutton's Star), original packet, $1.25. Primula obconica grand, fimbriata, white, 1-16 oz., $1.00; trade pkt., 50c. Kermesina, red, 40c trade pkt.; rosea, pink, white, hybrida, mixed, 30c trade pkt.
H. F. Michell Co., 1018 Market St., Phila.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulla (Guadalupe island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

CARLSON ASTER—true strain—pink, lavender, white, and mixed. Per trade packet, 25c; ¼ oz., 50c.
ASPARAGUS PLUMOSUS NANUS—guaranteed germination—greenhouse grown, $7.00 per 1000.
SPRENGERI, 50c per 1000.
ST. LOUIS SEED CO., St. Louis, Mo.

Asparagus Sprengeri seed, 50c per 1000; $4.00 per 10,000.
P. D. Barnhart, 2506 Fairmont St., Los Angeles, Cal.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Palm Seeds. New crop Cocos Weddelliana now ready. Price: $7.50 per 1000, or $28.00 per case of 4000. All other varieties in season. Send for price with time of arrival.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

New crop Asparagus plumosus nanus seed, $5.00 per 1000; large quantities, less. Cash with order.
C. Host, opp. Greenwood Cemetery, New Orleans, La.

Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
Chase & Son, New London, Ohio.

FLORISTS' SEEDS. New crop now ready. Special prices to florists. Send for our new catalogue.
Weeber & Don, 114 Chambers St., New York.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Get up a stock of STOKESIA CYANEA. Send for list of seeds and plants.
Edward Harris, Moorestown, N. J.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus seed, $5.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

SELAGINELLAS.

Selaginella Emmeliana, 3-in., $6.00 100.
Batavia Greenhouses, Batavia, Ill.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samplea and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 89 Kingston St., Boston, Mass.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax, 2½-in., very fine and strong, $2.50 per 100, $20.00 per 1000. Cash.
N. P. Colberg, Morris, Ill.

Smilax from flats, 30c per 100 by mail; $2.50 per 1000. Cash with order.
Joseph Wood, Spring Valley, N. Y.

Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.
TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.
PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.
The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

Wakefield and Early Summer cabbage, $1.50 per 1000; transplanted, $3.00 per 1000. Danish Snowball cauliflower, transplanted, $5.00 per 1000. Peppers, egg-plants, tomato and other vegetable plants. Have also a few thousand pansies and bedding plants. Cash with order. Price list mailed free. Sample mailed for 5c in stamps.
Ludwig Mosbaek, Tel. 105, Onarga, Ill.

CABBAGE—Wakefield, Succession and Second Early, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100; $1.25 per 1000.
CELERY—White Plume and Golden self-blanching, 25 per 100; $1.00 per 1000.
TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.
BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.
PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 40c per 100; $2.00 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage plants. Wakefield, Winningstadt, Early York, transplanted, $2.00 1000; out of seed bed, $1.00 1000. Cauliflower Early Paris, transplanted, 50c 100. Tomatoes, $1.00 1000, out of seed bed. Celery plants, $1.00 1000; transplanted, $2.00 1000.
L. W. Franks, Montpelier, Ohio.

Asparagus roots, Moore's Giant, best variety for private or market gardens. Large 2-year-old roots, 75c 100; $5.00 1000. Tomato plants, Dwarf Champion, from seed bed, 20c 100. Cash.
Stephen Chase, Nashua, N. H

Tomato plants from seed bed, fine plants. Livingston Improved, Dwarf Champion, Stone, Beauty, Buckeye, Favorite, 15c per 100, if by mail 25c; $1.00 per 1000.
T. C. Breece, West Berlin, Ohio.

Cabbage—Winningstadt, Succesaion, Early Summer, $1.25 per 1000. Lettuce—Grand Rapids, 15c per 100, $1.25 per 1000. Cash with order. Joseph Wood, Spring Valley, N. Y.

Tomatoes, $1.25 per 1000.
J. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas, 60 finest varieties, perfectly healthy, free from rust. Rooted cuttings, 60c 100; $5.00 1000; $45.00 10,000; plants, $2.50 100, $20.00 1000. Send for circular.
J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, J. & S. strain, from seed bed, separate colors or mixed, 35c per 100, $3.00 per 1000, postpaid.
Harvey B. Snow, Camden, New York.

Rooted cuttings, 75c 100, $5.00 1000. Pot plants, $2.50 100, $20.00 1000.
H. S. Courtney, Sparkill, N. Y.

Mammoth verbenas, stocky, 60c 100; $4.50 1000; 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, white, pink, scarlet, purple, mixed, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Verbenas, in bud, 2½-in., $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbenas in separate colors, 2¼-in. pots, $20.00 1000. S. M. Harbison, Danville, Ky.

Lemon verbenas, good, 3-in., at $3.00 per 100.
C. L. Tipton, Little Rock, Ark.

Lemon verbenas, 2¼-in., $3.00 100.
N. Smith & Son, Adrian, Mich.

VINCAS.

Vinca major variegata, 4-in. bushy plants, vines 3 to 4 feet long, $10.00 per 100; 3-in. strong vines at $5.00 per 100; 2-in. strong plants, ready for field planting, $2.00 per 100.
Wagner Park Conservatories, Sidney, O.

Vinca variegata, R. C., $1.00 per 100; also 200 very strong from bench, ready for 4 or 5-in., $6.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100. Rooted cuttings, 75c 100, $7.00 1000. Converse Greenhouses, Webster, Mass

Vinca variegata, out of 4-in., very strong, $7.00 100. Vinca rooted cuttings, 60c 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Vinca variegata, 4-in., long vines, $1.00 per doz., $8.00 per 100.
Geo. H. Benedict, Yorkville, N. Y.

Vinca, flowering, 3-in. pots, 3 colors, $4.00 per 100. Cash.
Valley Greenhouse Co., Sewickley, Pa.

Vinca variegata, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Vinca variegata, 4-in. pots, extra heavy, $8.00 per 100. von Reider, Dover, Del.

Vinca var., 2-in., $2.00 per 100, $17.50 per 1000. C. M. Niuffer, Springfield, Ohio.

Vincas, 4-in., 7c; 3-in., 5c; 2-in., 2c. Cash.
Daun & Son, Westfield, N. Y.

Vinca var. vines, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vincas, variegated, 2½-in., $3.00 100.
N. Smith & Son, Adrian, Mich.

VIOLETS.

The new violet "SOUTHERN BEAUTY," large as pansies, white, variegated with blue; most beautiful violet grown. Fine plants, $2.00 per 100, $15.00 per 1000. California and Princess of Wales, $1.50 per 100, $10.00 per 1000.
Mrs. J. O. Crabb, Cedartown, Ga.

Marie Louise, unrooted cuttings from clean, healthy plants, $1.00 per 1000. Cash, please, or C. O. D. Samples, 10c.
A. Relyea & Son, Orchard Pl., Poughkeepsie, N. Y.

Princess of Wales violets are the best violet to grow and I have the best stock in the country. Strong, transplanted stock. May delivery. $2.00 100, $15.00 1000; 500 at 1000 rate.
WM. SIM, Cliftondale, Mass.

Violets, strong and healthy, free from any disease, Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

Violets. Princess of Wales, California, Luxonne, Swanley White, Campbell, 2½-in., $2.00 100, $18.00 1000.
Springfield Floral Co., Springfield, O.

Violets. Princess of Wales, field-grown, well-rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash.
Ocean Park Floral Co., Ocean Park, Cal.

Violets Marie Louise, fine sand rooted cuttings, $1.00 per 100 by mail; $8.00 per 1000 by express. S. W. Pike, St. Charles, Ill.

Princess of Wales violets, fine stock, $2.00 100; $15.00 1000. Transplnted stock after May 10. John Curwen, Glenhead, L. I., N. Y.

Princess of Wales violets, cold-frame grown and free from disease, $1.50 100, $12.00 1000.
Salisbury Floral Co., Salisbury, Md.

Violets R. Heads, P. of Wales, $10.00 1000. Campbell, rooted runners, $6.00 1000.
Converse Greenhouses, Webster, Mass.

Rooted cuttings of Princess of Wales violets, $8.00 per 1000. Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Marie Louise violet cuttings, sand rooted, $10.00 1000; unrooted, $8.00 1000.
A. Laub & Son, Hughsonville, N. Y.

Violets. Californin, Luxonne and Lady H. Campbell. Send for prices.
The Dingee & Conard Co., West Grove, Pa.

Campbell violets, strong rooted runners, $4.00 per 1000. Cash.
Paul Thomson, West Hartford, Conn.

Princess of Wales violets, young plants, $1.50 100. H. W. Field, Northampton, Mass.

Lady Campbell violet runners from clean stock, $4.50 per 1000. R. Pabst, Rutledge, Pa

Princess of Wales, $1.00 per 100.
Cottage Home Rose Garden, Belton, Tex.

MISCELLANEOUS.

Nasturtium, dbl.; English ivy, German ivy, lobelia, ageratum, Mme. Salleroi, coleus, 2-in., $2.00. Fern polystichum angulare, 3-in., $5.00. Cash. Dann & Son, Westfield, N. Y.

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To Exchange—Or for sale, carnation plants, 2 and 2½-inch. Joost, Hill, Crane, Louise and Evanston, $2.50 per 100; $20.00 per 1000. Marie Louise violet plants and cuttings.—Plants, $2.00 per 100; cuttings, $7.00 per 1000, for mixed bedding plants and ferns.
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WE WILL EXCHANGE PALMS AND FERNS OF ALL DESCRIPTIONS FOR HARDY AND BEDDING PLANTS.
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CENTER MARKET.
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Wanted—Japan lilies of all kinds. State quantity, sizes and price.
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Wanted—Several thousand horseradish sets, 10 to 12 inches long preferred. Mail sample and price to L. Moshack, Onarga, Ill.

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Wanted—Silver striped pepperomia.
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Under date of Jan. 5, 1904, C. B. Shisler, of Williamsville, N. Y., wrote us as follows: Your paper has given me good results, having got its share of orders. I carried an adv. in the American Florist for some time and while it cost me nearly twice as much as your adv. I received three orders credited to your paper to one of the American Florist.

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Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

A FINE DOUBLE WHITE EPACRIS.

Most of the epacrises are valuable plants either for late winter or spring flowering. There was a time, as we all know, when heaths, epacrises and other plants of a like or allied character were extremely popular, and even now some kinds are grown more extensively than many would imagine. Hugh Low & Co., of Bush Hill Park, Enfield, and formerly of Clapton, have continued with great success the culture of the most useful hard-wooded greenhouse plants, and on various occasions their exhibits of acacias, ericas, epacrises, etc., have been of more than passing interest.

At present only one of the plants they have been so successful with need be mentioned, the double white-flowered form of the old Epacris onosmæflora. The type has white flowers, but these may vary to a red shade. It was discovered by Allen Cunningham in October, 1822, in peaty bogs "on the Blue Mountains of New Holland, at an elevation of 3,400 feet above the level of the sea, and by him introduced to the Royal Gardens at Kew." The variety, E. onosmæflora flore-plena, is also a direct introduction from Australia, and was introduced in 1876. It is an erect grower, the pure white, double flowers, like little flattish rosettes, clustering freely in the leaf axils along the wiry growths.

This is by no means a difficult plant to grow. After flowering it requires to be cut back somewhat severely, and kept in a genial temperature to ensure the production of new growth; a somewhat close atmosphere is also advantageous at this period, and while light syringings are beneficial, it will be necessary to apply but little water directly to the roots until growth is vigorous and the season advances. The needful potting is best done just after growth commences, and it is hardly necessary to emphasize the need of firm potting for such fine rooting plants. Shade must be provided from bright sunshine, and as growth progresses air must be increasingly provided, but early closing of the houses will materially assist development, giving air again late in the evening. During late summer and early autumn no protection is really necessary, but it may be more convenient to keep the stock in a pit than to plunge the plants outside. In any case, shade from midday sun must be provided at this stage, and measures must be taken to protect the fine roots from the effects of strong sunlight, either by boards placed on edge against the pots, or by ashes. By the middle of September the plants should be housed, for though they require very little heat, except during the growing period, and not much then, it is better not to run the risks of damage by early frosts or autumn gales.—Gardeners' Magazine.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

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Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. The book is the work of a careful, studious grower of ripe experience. Fully illustrated.

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Is a book of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business, and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold. Following we print a few extracts from letters received from buyers of the book:

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
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It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
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Am very much pleased with the book; it is very handy for reference.
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We have gotten much valuable instruction from the Florists' Manual and prize it highly.
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If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
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Is it practicable to convert a horizontal tubular steam boiler to a hot-water heater? If so, would you advise removing the steam dome? How many flows and returns will be necessary to heat 3,000 feet of glass? The boiler is eighteen horse-power. I use mostly soft coal slack and am using a cast iron heater, but the chimney gets most of the heat, as the draughts are direct, and when the damper is closed it does not give sufficient heat. H. R. B.

Horizontal tubular steam boilers make very efficient hot water heaters when arranged as return tube boilers, i. e., with the setting so arranged that the flame passes the length of the boiler under the shell before entering the flues which discharge into the smoke stack directly over the front of the fire box, but are cut off from it by proper mason work. While I prefer a boiler without a steam dome for a hot water heater, there is no serious objection to the dome. I cannot answer the question in regard to the piping with satisfaction to either myself or to the questioner without further information in regard to the houses to be heated, their length, width, height, size and use to which they are to be put. The size and distribution of heating pipes is entirely governed by the above stated conditions. If the necessary data is furnished, I will take pleasure in giving specifications for piping. L. C. C.

THE READERS' CORNER.

The Calla Disease.

I want to give you my experience with the calla disease, for it is a disease. It was several years ago I first had trouble with it. I had some California bulbs and some of my own. The California bulbs rotted first and then mine went, every one of them. At that time I tried to get information about the disease and its cause, but our most experienced florists could give me no help. Since then I have seen several other places where they had the same disease. Last winter one of my neighbors lost all his callas in the same way. Cannot someone throw some light on the trouble?

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Geraniums in bud and bloom. Dbl. Grant, Nutt, Poitevine, Buchner, Le Soleil and Castellane. Cannas, French yellow, red and mixed, all extra strong, 4-in., $5.00 per 100. Dracaena Indivisa, strong 5-in., $2.00 per doz.; $15 per 100. Rudbeckia Golden Glow, strong field divisions, 75c per 100; $6.00 per 1000. Achillea The Pearl, $2.00 per 100. Cobea scandens, strong, 3-in., staked, 3 ft., $4.00 per 100. Satisfaction guaranteed.

Cash please. All plants shipped at special rate.

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10 varieties, 2-in. pots, $2.50; 2½-in.	$3.00
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Strong, 2 to 2½ ft. 20.00 "

1000 Coreopsis, strong clumps 4.00 per 100.
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5-in., fine stock	$25.00	225.00
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From seed bed	$3.00	4-in.	$2.00	$18.00
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Fuchsias, Begonias—Flowering and Rex, Sweet Alyssum, Feverfew, Cuphea, Lantanas, Cobaea Scandens, Ageratum, Pansies, Verbenas, Salvia, Vincas. Lilies nearly all summer. Small Ferns for Fern Dishes. Write—

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Shiocton, Wis., April 5, 1904.
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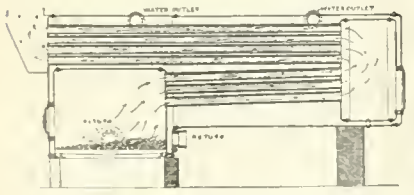

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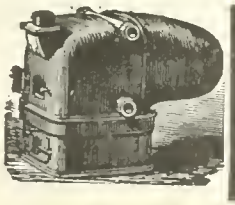

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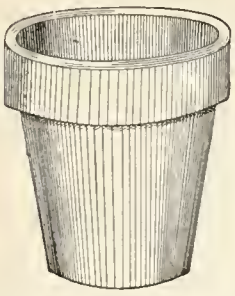

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,

334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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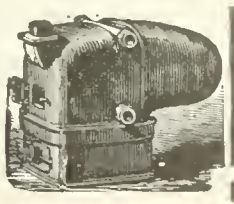

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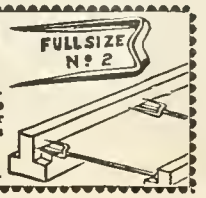

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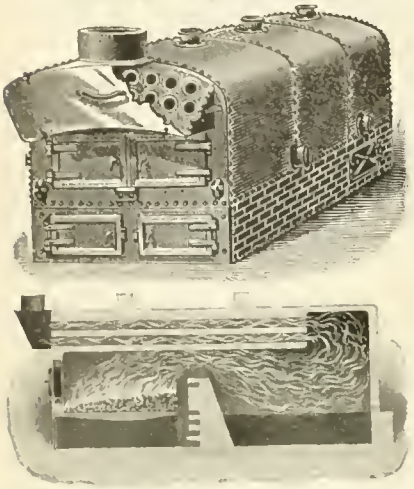

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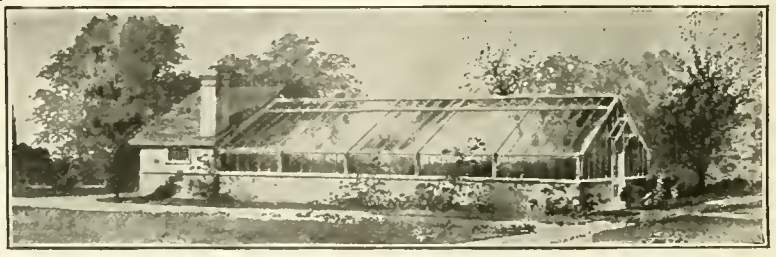

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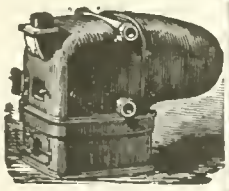

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Aconitum Barbatum	3	1.25	10.00
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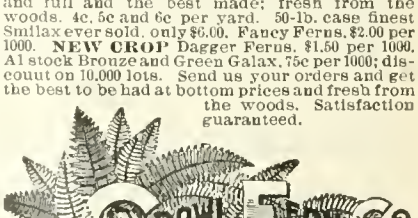

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BEGINNINGS IN DESIGN...

THE BRIDE'S BOUQUET.

The Full Shower Effect.

For a good hand bouquet there will be required from 100 to 200 lilies of the valley, whether it is proposed to have the full shower effect, as shown in the first illustration, or the round hand bouquet with the partial shower effect as shown in the second illustration. The size and height of the person who carries the bouquet should be considered, also. Don't weigh down a dainty little bride with a half-bushel bouquet, unless she has no more appreciation of the fitness of things than to insist on it herself, and don't place a "two by four" shower in the hand of a six-footer.

The best foundation for such a shower as is first shown is a dozen sprays of Asparagus Sprengeri varying in length from a foot to a yard. Bunch them securely together about four inches from the stub ends. A medium heavy wire is the best tying material, for it not only fastens, but is stiff enough to hold itself in place. With the Sprengeri bunch half a dozen different length sprays of Asparagus plumosus, and a bolt of narrow ribbon cut in lengths to correspond with the Sprengeri sprays. Ribbon for a shower bouquet should not be wider than No. 9, nor narrower than No. 3. Velvet is the choicest, but embroidered gauze, taffeta and satin are all used.

Having caught in one end of each of the ribbon lengths, we now have a bunch composed of the two kinds of asparagus and ribbon, which, when held up, stem end down, will fall out airily from the hand. It will be our purpose throughout this process of making the shower bouquet to preserve this airy and light appearance. Set this much of the bouquet in a tall clean vase before you on the table, while the flowers are being made ready. Remove all the valley foliage from the flower stalks in order to reduce the bulk and weight. Leave the flower stalks full length, and replace about one-third the foliage by folding the smaller leaves loosely, without wrapping, around the lower ends of a part of the flower stalks. Have the sprays of the skeleton bouquet fall half way around the vase.

Attaching the Valley.

Begin at the top to fasten the lilies of the valley up and down the Sprengeri sprays with one or two wrappings of No. 36 wire, more heavily at the top, and gradually thinning the density towards the bottom. A small proportion may be fastened in an erect position at the top, but the most of the flowers are supposed to hang downwards, as though caught accidentally on the green. Knot the ribbon here and there in single loops and double bows, and in the ties have a spike of lily of the valley with its foliage. Let a few of the ribbon ends hang as they are, with a tiny cluster of flowers clinging to them. Through others of the loops pull a valley laden spray of the Sprengeri. Fluff all the sprays out, and see that none of the asparagus sprays are so heavy with the valley flowers that they lose their spring, and hang straight down.

Slip about a yard of ribbon through the stem end of the bouquet upwards and tie in a double bow, leaving a loop under the bow, large enough to slip over the hand or wrist of the wearer. It is a little more comfortable to hold the bouquet by the stem end, however, and if this method is preferred, wrap the stems with foil and cover with a piece of the wide ribbon which completes the bouquet in a large bow at the back of the bouquet. Two yards of sash ribbon of a quality to correspond with the narrower ribbon used in the shower, will be sufficient. The large bow is not essential, but is often used.

The Shower Bouquet of Asparagus and Valley.

With the Green Shower.

Another hand bouquet, with a partial shower effect in green, is presented in the next illustration. Perhaps this style is more often seen than the former. In this case the lilies of the valley should be prepared as before, by removing all and replacing part of the foliage. This bouquet will require from 150 to 200 lilies of the valley. For a foundation, tie together a dozen stiff, stubby stems of Sprengeri, or something else equally strong. Cross the stem ends, and when they are tied tightly they will look like a bottle brush.

Next, group the valley flowers into bunches of from six to twelve each, sheath each group with a leaf and wrap with a wire heavy enough to bear the weight of the bunch. Begin to wrap about a third of the way from the bottom of the stem and wind the wire spirally to the lower end of the stem, leaving the wire eight to ten inches long below, for extra stem length. After preparing all the valley for the main part of the bouquet in this way, take the stubby bunch of asparagus in the left hand and run the wired bunches of valley through it by their sharp ends, till these same wire stems come out among the stem ends of the asparagus. Keep this up till the bunches of valley have all found a place in the bouquet, and its outline has become well rounded, yet not compact, the delicate sprays nodding freely, but securely fastened in their place. If any stray bits of blunt asparagus appear among the flowers, clip off their tops, or cover them with valley foliage, or a delicate green stemmed in the same way as the flowers.

Having completed the body of the bouquet, insert around the edge long sprays of some delicate asparagus. Have the lengths of the sprays vary slightly over and under a yard. The stub ends will slip in easily among the wires that carry the flowers, and they will hang out gracefully as shown in the illustration. Place in a tall, dry vase, as with the first bouquet, and fasten on a few scattering valley flowers, probably two or three dozen in all, as we see illustrated. Last of all, take four or five yards of handsome sash ribbon, wrap the stem end of the bouquet, cross the ends at the top and tie the double bow, leaving one end longer than the other, and the bunch is complete.

Use of Other Forms.

There are numberless variations on these two styles of hand bouquets, according to the number of flowers one is restricted to, and one's own skill and taste. Roses are often used for the latter style, but not for the former arrangement. But the real shower bouquet, the ideal one, is of fine, delicate flowers. Swainsona, daisies, violets, sweet peas, freesia, white lilac, Roman hyacinths, and all such delicate flowers are especially attractive for this purpose, and all can be made into hand bouquets in the same manner as the valley. For a white and green wedding, shower bouquets of adiantum are used for the bridesmaids. These can be made in either of the above styles, wiring and tying the fronds precisely as was done for the flowers.

Another attractive style is to use the round bouquet of the second design with a border of narrow ribbon cut in yard lengths, tied around the stem end of the bouquet by the upper end of the ribbon and falling in the style of the green sprays in the illustration, and caught in the knots are single flowers or clusters of the flowers of which the shower is composed. No large bow of broad ribbon is used for this style.

Gertrude Blair.

The Bride's Round Bouquet, with Shower of Green.

VIOLETS.

The Rise of the Specialist.

In last week's issue of the Florists' Review I saw an article entitled "The Decline of the Specialist." I hope you will pardon me for taking the liberty to differ from your correspondent. I submit a few of the reasons for so doing, taking up each article that the writer gives as his reasons for the decline of the violet specialist.

He says that anyone who will look fairly and understandingly at the situation will be compelled to admit that the day has passed when the grower can make the good money growing violets that he did a few years ago. I have had considerable experience in growing and selling violets, have also looked fairly and understandingly at the situation and have come to the following conclusions:

First, that there is as much money in growing violets now as there ever was; second, that the demand can only be met by the specialist, consequently the specialist should be the one who makes the money.

The writer gives overproduction as his first reason, saying that when some one else thinks you are having a good thing, then all plunge into it. This is the case on any kind of flower growing. It is human nature to do it. If they find it not the good thing they thought it was, they plunge into something else, but the specialist, because of present and past success, goes more into his specialty than before.

The writer says the demand is lessened when the product becomes too plentiful, while I believe the demand increases when the product increases. There is and, the chances are, at certain times there will always be, an oversupply and at certain times the supply will be far short of the demand, like last Easter, for instance. The real lover of violets will buy more when there is an ample supply than when the product is scarce. I believe the time is not far distant when violets will sell for far less money than they have ever done before, and yet a margin will be left for the grower.

Another reason for the decline of the specialist is given that violets never seem to be grown with equal success year after year and the writer blames the atmospheric conditions over which we have no control for this. I believe that the one who thoroughly understands violet growing can have the same or even better success each year. The many failures in violet growing can nearly all be traced to those who, as this writer says, plunged into it without any practical knowledge of their culture. Some have had success for a few seasons, while others have not had any success. I have no doubt but chance played a great part in the success of these plungers.

But what are our greenhouses for but to control the atmospheric conditions? The modern violet house, when properly handled, should overcome these conditions. The specialist here has a decided advantage. If a house now and then is a failure he knows the cause of that failure and profits by it in the future. He has a broader field to work on and, consequently, should have more and better violets, and he has to, in order to meet the demand. If the supply was to be curtailed there would not be any money in growing them, because you could not grow so many as you could sell.

I believe that for the one who can grow and put upon the market first-class goods, year in and year out, there is as good a chance at making money in growing violets as there is in any other flower, and the specialist above any one else is the one who is going to make it. I believe that the risk in growing violets has been reduced to a minimum by the specialist. If this was not the case the large modern violet houses which have been, and are being, erected by violet specialists clearly show that there is still something in violet growing and that the specialist is as yet not on the decline.

William Sim.

The Principal Range at the Establishment of Wietor Bros., at Rogers Park, Chicago.

Varieties and Benches.

After having made the decision to grow a house of violets you have to make your choice of the kinds that you will grow. Two things, if you have grown them before or handled them from other growers, will influence you greatly in this decision. First, the kind which your customers desire and, second, those that do best with you. This second reason you, of course, know nothing about until you try them, if you have not previously cultivated them. I cannot tell you what is best for everyone to grow, but I may be able to mention some things that may help your decision. If you don't know what your trade wishes and have not before grown any, I would advise planting a fair quantity of all the varieties. This will give you an opportunity to ascertain which kind your customers prefer, and the kind that they do not want at all; also the kind that likes your soil and treatment. You will always find that different places have their preferences. Your city or town may wish nothing but single, your next town cares only for double, and still another town will make a decision between doubles, either choosing the light and refusing the dark, or contrary wise preferring the dark, though you may find the lighter much the easier to grow. But one thing you will find will never work well, no matter how nice they are, and this is the two together. The light or Lady Hume Campbell always shows to a disadvantage, as Marie Louise or Farquhar alongside of it make it look faded.

If you expect to grow some pot plants for your holiday trade, aside from those you have for cut flowers, you will find Lady Campbell far ahead in many ways: Longer stems and stiffer, holding the flower up out of and above the foliage much better than the Marie Louise; fragrance stronger; will stand a higher temperature and make a larger, stronger plant and the individual flower is larger and more rounded. As a usual thing the general grower has better success with it than with Marie Louise for cut flowers for the same reasons, yet some places absolutely refuse to buy it on any terms on account of its lighter color, no matter how well grown. Early in the season you will always appreciate having some single ones, even if you have no use for the flower, as they then furnish you with much better leaves for bunching than do the doubles.

If you have plenty of stock to fill your house of your own, all right, but if not it is time that you purchased some, so as to get what you want and the best that there is to be procured. Make a liberal estimate, so as to have plenty, more than you expect you want. As with all plants, something will happen to some of them, even with the best of care, and they will have to be replaced as soon as noted.

You will also have to decide if you will grow them on benches or in a solid border. We always prefer the latter, still I know of those who always use benches but this is not suited to us at all, the reason being, I think, that it is a light, gravelly loam. However, here is another case of where I would advise you to try both ways for yourself. Nevertheless, it is safer to grow in borders, as a rule, and I would only try one bench. If it is possible to do so have your border at least two feet above the paths, for the ease of working at them. They also like to be near the glass. We also consider narrow borders much better than wide, for several reasons, the greater reason being the better grade of flower, this apparently giving them more circulation of air.

In making up your borders be sure and have ample drainage, good coarse cinders, ashes or crushed stone, anything of this kind, putting the coarsest at the bottom and growing finer as you come up to the soil line, in order that your soil may not wash down into same, leaving space for six to eight inches of soil on top. You will also find it a good plan to get this all ready for the soil, water it heavily and let it settle a few days before covering it with the soil, so that you may level up hollows that are quite apt to result after a time. R. E. SHUPHELT.

THE WIETOR ESTABLISHMENT.

The wonderful development of the cut flower industry in the vicinity of Chicago in recent years has attracted the attention of the whole world, arousing the interest of all, the admiration of some and apprehension of others, even to the extent that the president of the S. A. F., at the Milwaukee convention, pronounced a warning to the craft against overbuilding. Of all the establishments which have spread out so remarkably, none has made a more rapid growth than that of Wietor Bros., at Rogers Park, Chicago. It was just ten years ago, on April 1, 1894, that this establishment first began in the cut flower line. Prior to that time there had been twelve small houses in which Henry Wietor was growing vegetables most successfully. But they saw a wider field in cut flowers and added another six small houses and went into roses and carnations. At that time they had possibly 50,000 feet of glass, today they have three immense ranges with a total of between 700,000 and 750,000 feet of glass. The accompanying illustrations give as near an adequate idea of the immensity of the establishment as is possible with a camera.

All the houses are devoted to cut flowers, practically roses and carnations. Beauty, Bride, Maid, Liberty, Meteor, Golden Gate and Ivory are the principal varieties in roses and of these there are many thousand plants each. They also grow La France and Kaiserin for summer crops and have a few other varieties in small quantity. They have found it wise to narrow down their list of carnations to some dozen of the leading varieties, of each of which they have many thousands, insuring a large cut daily of

each variety. They have had splendid success all through the season. Chrysanthemums are grown in quantity for the fall trade and in recent years the rooted cutting and plant business has been developed to large proportions, several hundred thousand being sold each season.

The growing end of the institution is in the hands of Henry Wietor and the city salesroom is managed by N. J. Wietor. When the firm first began selling, on September 24, 1894, it was at 41 Wabash avenue, as the Rogers Park Floral Co., handling the cut, also, of Adam Zender and John Muno. Presently this arrangement was dissolved and the salesroom removed to 51 Wabash, where Mr. Wietor twice daily cleans up surprising quantities of stock with amazing celerity.

MISCELLANEOUS SEASONABLE HINTS.

Hanging Baskets and Veranda Boxes.

Hanging baskets, either of rustic woodwork, earthenware or wire-work lined with green moss, the latter the best of the three, have very much dropped in favor the past few years. It is a very artificial style of ornamental gardening and we are gradually getting away from the artificial and unnatural in our horticultural embellishments, not only in the garden, but likewise in the decoration of the home or a church. The days of the basket stuffed with damp moss and twenty varieties of short-stemmed flowers passed away with the Johnstown flood and the same basket with roses wired onto dry sticks is in the last stages of decline.

The Brilliant Flower Bed.

In the garden, let it be the "little front yard" or the splendid grounds of a multi-millionaire, there is nothing very artificial in a bed of one variety of plant of brilliant coloring. The eyes, or the vast majority of human eyes, love color and, besides that, do not our northern fields and woods give us masses of bright color at different seasons of the year? Acres of trillium in May, to be followed by fields of daisies and buttercups and later long banks of purple asters and goldenrod, and, alas, too often we see a field that should be green with the growing barley or wheat a glorious expanse of yellow mustard.

Beds of beautiful plants and flowers will always be planted and admired and a well ordered flower garden of a few acres, with enough grass between the beds to relieve the bright coloring, is as near paradise as some of us are ever likely to enjoy. Particularly appealing to your sense of the beautiful, however latent, are these flower gardens at dewey morn and near sunset.

Passing of the Monstrosities.

Another style of using several plants that lend themselves to such purpose is little seen. Now I allude to sun dials, the faces of famous men, pet dogs, elephants, etc. They may excite a little curiosity at first sight, the same as a look at Barnum's tattooed man used to do, but you would not want to look upon the poor man more than once a year and a dog done in echeveria would give you the rabies had you to pass him every morning. I don't want to class hanging baskets with these monstrosities and there may be old-fashioned houses, with wide verandas, where they may not be out of place. As I intend to say something about veranda boxes, very largely the same plants are suitable for both.

The Best Basket.

As remarked above, the wire basket lined with green moss taken off fallen trees is much the best basket. The plants root into the moss and the moss retains moisture. Then, again, the color of the moss harmonizes with the drooping plants. The so-called vines, the droopin plants, are the chief attraction and beauty of a hanging basket. The upright plants may become shabby and flowerless and it will be little noticed, but if the vines are dried up and sparse, then the whole affair is hideous. Like the soil for the veranda boxes and vases, it should be of the richest quality, about a third manure and in addition to that one quart of bone meal to a bushel of soil. Before the season is half over, if the plants have grown as they should, the small quantity of soil will be one mass of roots.

Plants to Use.

Geraniums of various colors, Begonia Vernon, with some foliage plants, will do for the center of the basket and then come the drooping plants that are expected to hang down a foot or two, completely hiding the basket. There is quite a variety suitable for the purpose. It is not necessary to have every one of these of rampant growth, such as the senecio, or German ivy, but every other one should be, or you will have a lop-sided effect. Some very common plants, almost weeds, are very serviceable in the baskets. Choiceness of varieties will not be sought so much as general effect. Senecio, the variegated glechoma, money vine, nasturtium, ivy geraniums, lobelia, double sweet alyssum, lophospermum, pilogyne, linaria are all suitable and you might put in one or two plants of maurandia and it will climb up the wire handles of the basket and add much to general appearances. The fuss and labor in watering the basket has had much to do with their going out of fashion, for unless they are well watered they quickly become unsightly.

Veranda Boxes Popular.

The veranda box may be as artificial an arrangement as the hanging basket, yet it is infinitely more of an embellishment to a dwelling. I believe our city, some ten years ago, carried this style of ornamental gardening to greater lengths than any city in the country. In some blocks on the best residence streets, where no fences or hedges existed and no observable line of any kind marked the division of property, almost every veranda would have its twelve to 100 feet of veranda box filled with flowering and drooping plants. It assuredly adds greatly to the beauty of the street. The family in the easy chairs on the veranda cannot see what they have contributed to the beauty of their avenue. They have adorned their home for the pleasure of the neighbors and when they walk about they enjoy their neighbors' efforts. This is just as it should be and when we are all best pleased by pleasing others the world will be ready for wings. But I have no doubt that, with the great majority, when Mr. Closefist, on his veranda, sees the passers-by admiring his home and hears Mrs. Gush exclaim, "How lovely," he is convinced that his wife did well on insisting on the $25 outlay for filling the veranda boxes.

Size for Boxes.

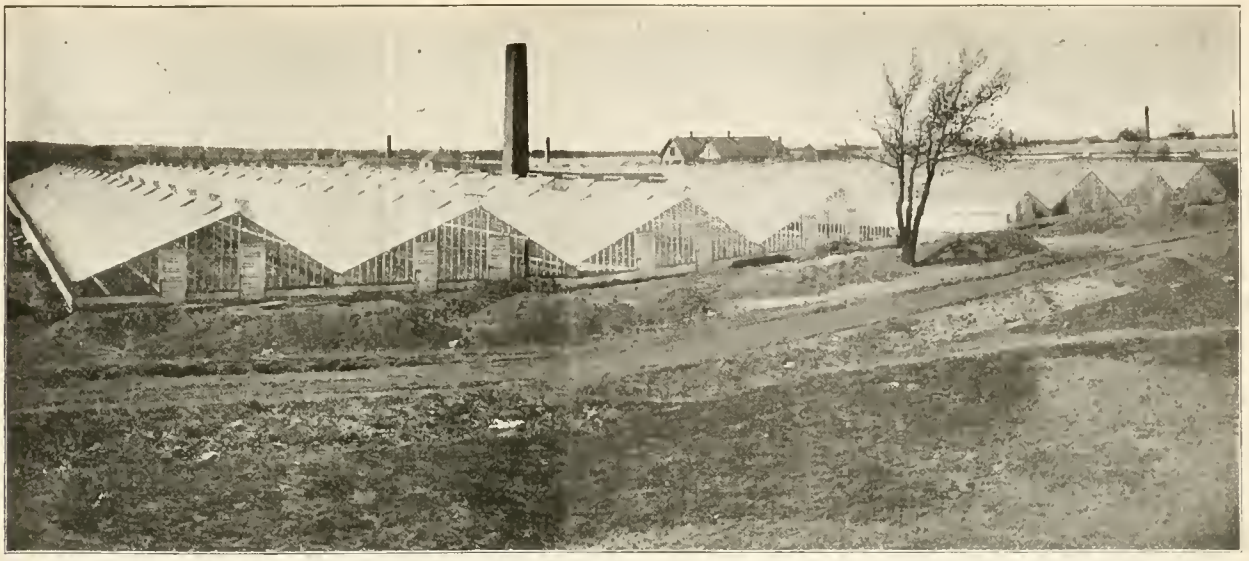
A very good width for these boxes is eight inches at the bottom, nine inches at the top and six inches deep, all inside measurements. In some places larger boxes could be used, but the above is a good average that will suit most verandas. We have, in past years, been asked to have our carpenter make many hundreds of feet of these boxes and did not know any better than to have them made of pine, which only lasted three or four seasons. Make them of cypress and they will be sound for years. The rotting of the boxes is often the cause of their discontinuance. If sound, people will go on having them filled. I forgot to say, always have the boxes made in sections not over six feet long. Then you can take them to the greenhouse, where you can do far better work in every way than by carting plants and soil down the street.

If watered in any decent way at all, the plants in the boxes always do well. I can scarcely remember a case where one was not ornamental. There is no hard work in watering them, the hose does it, if not always judiciously, for I have seen John Thomas, the coachman gardener, drive at them with thirty-five pounds' pressure through the hose as if the poor plants were in danger of setting the house on fire. Yet if there are plenty of holes in the bottom of the boxes for drainage, the plants will survive.

Aspect Affects Material.

Before filling the boxes look to the aspect, whether they will get only a few hours' sun in early morning, whether a southern aspect or perhaps a northern; perhaps some spreading elm or maple may shade them the whole day. If shaded most of the time, then foliage plants must be used. The Begonia Rex has a fine appearance in these boxes in a shady place and the continuous blooming fuchsias, like old speciosa, does well. In the back row there should be some plants of attractive foliage. Grevillea robusta is one of the best and Dracæna indivisa is always good. Dwarf, free-flowering cannas look well as a background, but they devour the riches of the soil and starve weaker growing plants. Caladium esculentum must be used sparingly, if at all, for they monopolize the whole thing, yet they look cool and handsome. Vines here again are of the utmost importance and with care do most satisfactorily.

I have given but a short list of plants but really any flower garden plant that is a continuous summer bloomer will do



Range No. 2 at the Establishment of Wietor Bros., at Rogers Park, Chicago.

very well in these boxes. A plant that would not flower till September or which flowers in June and then no more would be a fraud if put in as a flowering plant.

The color to paint the box is generally decided by the owner. Sometimes they are painted the color of the stone or wood-work of the veranda. When that is not the case, then a deep green is the color. WILLIAM SCOTT.

ROSES.

What Varieties to Grow.

[The following is an extract from a recent address by Robert Simpson, of Clifton, N. J., before the New York Florists' Club.]

Along in the early spring the question of what to propagate and how many to plant has to be met and decided upon. American Beauty, we begin to reason, has sold poorly most of the season, and has not paid; Liberty went to sleep just when it needed to be wide awake, and has been a good deal of a disappointment; Golden Gates frequently have had to be put into the ice box because they were left unsold; Bride has not brought as good prices as Bridesmaid, hence was not as profitable. Shall I then discard all the rest and plant only Bridesmaid? If we all did this there would be a good many flowers of this variety next winter.

As a general rule, I think soil and environment must largely determine what we should and should not grow, particularly when catering to a market like that of New York City. The man who can grow superb American Beauty should fill his houses with that variety. He who has succeeded in producing high-grade Liberty could hardly miss his mark if he continues to grow it in quantity; the same with Meteor, Bridesmaid and the rest. It is far better to grow one variety first-class and get a name for growing it well, than to grow half a dozen kinds, a few of each, and grow them all indifferently.

On the other hand, is it not a fact that in our specializing we have narrowed our growing down to about four to six varieties, just about one variety of each color? We frequently hear European growers visiting this country say, "Why do you grow so few varieties of roses for cut flowers in America when you have such a list of good ones to choose from?" Would not the public who buy our flowers appreciate a greater variety, and in many instances purchase more liberally if they had more choice? It is reasonable to suppose they would.

It has been charged against the buyers for some of our large retail stores that they are very loath to take up a novelty and show it to their patrons, lest they should get an order for it some time, which it might be difficult or impossible to fill. If this be true, I think such buyers are injuring the business of their house, as well as closing the door to some worthy aspirant to popular favor. Presuming what I have just said to be a fact that the grower must reckon with, I believe it is still to his interest, present and prospective, to endeavor to furnish as great a variety of choice and desirable roses to the flower buying public as he has it in his power to do. To this end he should plant and experiment with all the promising novelties and keep a correct account of sales from such for future guidance.

I am very glad to see so many new and interesting varieties here for our inspection to-night, and I compliment the New York Florists' Club and its present officers for what they have accomplished in bringing together these various exhibits from distant points, giving us growers a chance to inspect them and find out their merits without incurring much expense, and furnishing the growers of these novelties the opportunity to make a display the result of which must be both pleasing and profitable.

Chicago sends us Uncle John—a monstrous name, it seems to me, to give to a lovely rose that its introducers confidently expect will become a standard variety for forcing purposes! It seems to be identical with Golden Gate, of which it is a sport, except that its color is said to be as uniformly good as that of Golden Gate at its very best. The flowers of it I have seen were not nearly as large as those of our best Golden Gate; perhaps it will improve in this particular after dissemination.

Madame Abel Chatenay, also from Chicago, needs no apology for its name, which is pleasant to the ear; and its color, stem and general make-up create a very favorable impression.

La Detroit you have all seen before, both on exhibition and in the greenhouse, and have no doubt already formed your opinion as to its merits. As shown at Philadelphia a year ago, it was very fine, and some of our eminent rose men got very enthusiastic over it.

Canadian Queen at its best is a very chaste and beautiful flower; its one drawback, as far as I have seen, is its lack of uniformity of color. If it can be fixed so that it will be permanent in color and shape, we shall have a really desirable variety.

Killarney many of you are familiar with: It is uncommon, though not strictly new. It has shape and color and seems to be popular with the best class of buyers. The short-stemmed blooms lack in character somewhat and whether it would pay as well if grown quite extensively, as it has done during the present season, is a question to be determined later.

Ideal, a sport from La France, is a very beautiful rose; its fragrance, form and color are charming, and it is well worth a trial. The other new varieties here to-night I am not sufficiently acquainted with to criticize either one way or the other.

For variety some of the old favorites of a few years ago might very well be resurrected and brought to the front; some of them are so good that if they were offered us under a new name we would snap them up eagerly. Among them I would mention Madame de Watteville, Madame Hoste, Papa Gontier and Bon Silene. A grower in one of our western cities told me confidentially last spring that Bon Silene was one of the best selling and paying varieties on their list. Meteor is still a good all-the-year-round rose, and many who discarded it for Liberty are returning to their first love. If well grown, La France would sell as well now, comparatively, as it did fifteen years ago.

A HOME-MADE HEATING PLANT.

I am about to enlarge my plant and desire some information concerning heating. My present plant is small and the heating was planned and installed by myself, out of cheap material. It has, however, been very effective and answered every purpose of a plant house. I have been able to keep the temperature at from 45 to 50 degrees at night during the past winter by burning coke, leaving the fire for three hours at least, and kept the temperature quite steady. I could have carried a higher temperature by firing more often. My boiler is an ordinary upright, twenty-six inches in diameter and five feet high, having thirty-two 1¾-inch flues about three feet in length. I laid the boiler on its side, with the door opening down, and bricked it in, closing the bottom with brick. I thus had a fire place that was about fourteen inches wide, fourteen inches from grate to boiler and three feet in length. My grate was about thirteen inches wide and eighteen inches long, ordinary bar grate. The fire would be carried along the under side of the boiler through the doorway and returning through the flues. I bolted on the cap or dome, which was built for a 10-inch pipe. This I reduced to eight inches, passing into a chimney a few feet distant. Last year I bought a sheet-iron smokestack twenty-two feet high and fifteen inches in diameter. This I obtained very cheap, but it condensed the smoke and was always cold and dead. It soon rotted out. The past winter I used ten feet of 10-inch tile and always had a good and sufficient draft.

The boiler was tapped on the upper side, about half way from each end, by a 2-inch pipe, which rose to a height of about seven feet from the level of the floor (the boiler is about one-half its diameter above the level), and crosses the end of the house. It commenced to drop from the point above the boiler and when I tapped the 2-inch I did so from the under side. At the center of the house I tapped with 1½-inch, branching to four 1-inch pipes. At the end of the 2-inch pipe it branched to three 1-inch pipes. These seven 1-inch pipes were carried the length of the house, forty feet, the four returning under the benches and the bunch of three along the west side wall, all coming together at the north end again into a short length of 2-inch pipe, my mixer, thence returning to the bottom of the boiler. About one-half of the boiler is covered by a propagating bench, which is further heated by a coil of pipe. The greenhouse is 20 x 43 feet; the west side wall four feet high; twelve feet high in center; the south end connected with office, having a few feet of glass, however. The 1-inch pipe I got for a song. It is in nine-foot lengths and could be used for supports in my new house.

What I want to know is this: How much more glass will that boiler heat with a reasonable amount of care and what size pipe should I get? I have been heating with hot water. Would it make the boiler more efficient if it were tapped with two more 2-inch flows; which would rise to a 3-inch or a 4-inch main flow? It seems to me that it could then be fired twice as hard as I have fired it.

Here is another question: In the present instance, if I had 1½-inch pipes instead of 1-inch, or if I had more 1-inch in the said house, would the same amount of firing have created a higher temperature or would it have been necessary to fire stronger to heat the additional pipe? If I should build an additional house 25 x 150 would you advise a larger boiler and with other additions in view what size and kind of boiler would you advise? I have just finished a propagating house 16 x 16 at the north end of the house 20 x 43. A. W. T.

The piping system which you have worked out is certainly a novel one, but since it seems to have been efficient and fairly economical, no criticism need be made. The small pipes (1-inch), however, make the flow of water slower than it would be in larger pipes because of the greater friction and the small volume of water contained in them. The usual practice is to carry the risers full size to the most distant point in the system, which should also be the highest point, and there sub-divide into the required number of returns to provide the temperature desired.

You have, as I understand it, fourteen 1-inch pipes running from end to end of your house, seven flows and seven returns. These fourteen 1-inch pipes, if forty feet long, provide only 192.6 feet of radiation, which is about 100 feet less than would ordinarily be provided for maintaining a temperature of 50 degrees in such a house. The only explanation that suggests itself is that you are able to heat the water in the boiler to 200 degrees, which would account for the efficiency of the small amount of piping in the house. This in connection with the fact that the boiler, which is capable of supplying heat for 500 feet of radiation, has only been carrying less than 200. If you increase the amount of radiation by the addition of more houses it will be necessary to somewhat increase the piping in this house because it will be necessary to circulate a somewhat greater amount of water. It is likely that you can heat another house the same size of the one you have with the present boiler. If you can have the boiler tapped out for a 2½-inch flow in place of the 2-inch it will carry the full capacity of your boiler, or you can accomplish the same thing by tapping for a second 2-inch flow, i. e., using two offtake pipes instead of one. The returns should, however, be of nearly equal capacity.

If you wish to build an additional house 25 x 100 feet it will require a very considerable increase in the size of the boiler. The present house 20 x 43, the house 16 x 16 and the house 25 x 100 would require a boiler with about 125 feet of heating surface, while the one you have, if dimensions are correctly stated, has about sixty-five feet. L. C. C.

Hydrangeas Grown by Skillin Bros., Falmouth, Vt., for Memorial Day, 1903.

LEAF-MOLD IN ORCHID CULTURE.

The results obtained from the use of leaf-mold in the cultivation of orchids have fully justified the advice we gave to orchidists some two years ago to exercise the greatest care, both in the preparation of the composts containing that substance, and in watering the plants growing in them, says the Gardeners' Magazine. We suggested at the same time that the use of this material should be regarded as in the experimental stage, and pointed out that while a liberal proportion of decayed leaves might, with special care in watering, encourage a vigorous leaf growth, it may not be favorable to flower production. Further experience would appear to show that this is really the case. It appears to be proved to demonstration that used with the requisite care leaf-mold is highly favorable to the rapid development of leaf growth. Seedling orchids, when growing in a mixture containing a liberal proportion, make a more rapid progress than in peat or sphagnum, or a mixture of the two, and, as a rule, reach a flowering stage in a shorter period. Not only seedlings, but young plants raised by division, whether of home growth or imported specimens, grow more rapidly when potted in leaf-mold, or in a mixture of which it forms a large part, and a noteworthy feature in these and seedlings is the great increase in the size of the pseudo-bulbs and leaves, as compared with those of the previous season, for two or three years after the change in the component parts of the compost has been made. This is only what might have

Range No. 3 at the Establishment of Wietor Bros., at Rogers Park, Chicago.

been expected from the liberal percentage of nitrogen in the decayed leaves, and the question of special interest is the capacity of these fat pseudo-bulbs and ample leaves for resisting adverse influences equal to those of plants grown under the conditions that have long obtained in orchid culture. As yet very little evidence has been forthcoming as to the desirability of adding leaf-mold to the compost in which established specimens of large size are grown, whether as regards the growth or the flowering. That leaf-mold is advantageous in promoting the growth of young plants has been satisfactorily shown, and judging from the evidence forthcoming it would appear that it has the disadvantages of promoting the production of flowers wanting in staying power, more particularly when cut from the plants. Orchids are now so largely used in decorations on festive occasions that a shortening of the period during which they retain their freshness and beauty is a serious disadvantage. Therefore it is a point of some importance to determine by practical tests whether the staying power of the flowers of all orchids is similarly affected, and in the case of those that have their duration reduced the difference in the time which the flowers of plants grown with and without leaf-mold retain their freshness under precisely the same conditions. Half-a-dozen tests of this kind would be more conclusive than any number of general statements, and we commend the question to those who own or are in charge of large collections.

SOIL STERILIZATION.

Messrs. A. F. Woods and R. E. B. McKenney, of the Bureau of Plant Industry, U. S. Department of Agriculture, have devoted much attention to the subject of soils, incidentally those employed in greenhouses. Soil sterilization is rapidly coming into favor for all extensive work where the process is practicable. The usual method for greenhouse use is to build a large bin, about four feet wide by ten or fifteen feet long, and three feet deep, running pipes through the bottom of the bin, or through the bin a foot from the bottom, a foot apart lengthwise. In a four-foot bin there would be three pipes, with one-sixteenth inch holes drilled in them on the under side, about one foot apart. Fill the bin loosely with soil; turn in steam of about eighty pounds' pressure; put a few potatoes in the top of the soil, an inch or so under the surface, then cover the surface with tight boards or cloth, in order to prevent escape of the steam. Usually one or two hours under good pressure, if the soil is not too heavy, will cook the potatoes in the top of the soil; then one may be sure that the parasites and weed seeds have been destroyed. If high-pressure steam is used the soil will dry rapidly after the steam is turned off, and can be shoveled out of the bin without much difficulty, especially if one side of the bin is removable.

In sterilizing soil without the use of a bin, the same process is used. The pipes are laid in the ground to be sterilized in a similar manner as in the bin. If it is desired to sterilize a foot of soil, the pipes should be placed under the soil about a foot, with the drill holes on the under side; the surface should then be covered with boards, or something to prevent the escape of the steam, and the soil should, of course, first be loosened, so that the steam can circulate through it.

A few potatoes distributed over the area will tell when the sterilization has become complete. After the sterilization the pipes can be removed. It is a good plan before sterilizing to mix in the farmyard or stable manure that is to be used, as this often contains numerous weed seeds. If artificial manures are used, of course it is not necessary to add them first.

Any small high-pressure boiler will serve to make the steam. Some use a small independent boiler for the purpose, others attach the apparatus to their high-pressure boiler. A low-pressure boiler is usually unsatisfactory, as it takes a longer time to circulate the steam, it leaves the soil wet and soggy, and does not do the work very well.

LYNN, MASS.—Gibbs Bros. are building two new greenhouses, one 18x100 and the other 25x120.

BOSTON.

The Market.

Prices have remained quite firm during the past week. The dark, damp weather has materially shortened the output, but there has been plenty to go around. Prices on roses have remained pretty much the same, best Beauties bringing $30, with Brides and Bridesmaids at from $6 to $10. Hybrids have been more plentiful. Carnations continue of fine quality; a few fancies bring $4, good stock $2 to $3 per 100 and ordinary grades $10 per 1,000. Violets still come in but a few warm days will finish them. Outdoor narcissi and tulips are appearing, of good quality. Sweet peas are plentiful and fine. Lily of the valley continues abundant at from $2 to $3.

Activity Outdoors.

April has been doing herself proud of late in the way of precipitation. For the sixty hours ending April 29 at 8 a. m., the weather bureau reported 5.09 inches of rain. These figures are official and not open to dispute. This certainly beats all records for a good many years back. We do not hear of any serious damage as a result of the heavy rain, except the filling of some cellars, putting out of a few boiler fires and the flooding of low lands.

Warmer weather succeeded the deluge and the result on vegetation has been almost electrical. The click of lawn mowers is universal, daffodils and tulips make our gardens gay and a few early shrubs, which have escaped unscathed from the winter's ordeal, are adding some touches of color.

A few carnation growers have started to plant out their stock. Planting will not be general, however, for another week, owing to the danger from late spring frosts. Quite a number propose trying indoor culture on a small scale.

A good deal of tree planting was done in this vicinity on Arbor day, April 30. In the way of shade trees Norway and sugar maples were most largely planted. Some elms and lindens were also used. The warfare on the gypsey moth was

waged in the sections infested by this pest and thousands of nests destroyed.

Various Notes.

An invitation has been extended to the Daughters of the American Revolution, who are holding their convention in Boston this week, to attend the exhibition of plants and flowers at Horticultural Hall on May 7.

Superintendent Doogue has been moving a number of large trees on the Common lately. Boston's historic recreation ground presents a rather incongruous spectacle at present, the ground being manured, plowed and harrowed, prior to seeding. The addition of new loam and manure should greatly stimulate the trees, which were in a half-starved condition.

The public gardens are now putting on their gay spring attire. Narcissi are at their best and towards the end of the present week hundreds of thousands of tulips will be in bloom. Some beds of double wall-flowers are quite effective and much admired. The use of bulbous plants in the more select residential sections of Boston is yearly increasing.

Superintendent J. A. Pettigrew and his small army of men are very busy these days in the extensive Boston park system. An immense amount of planting is being done. Considerable damage to shrubs was sustained during the past winter. Mr. Pettigrew's planting is not merely for immediate effect, without any other particular object in view, but he plans and plants for the benefit of future generations. W. N. Craig.

PHILADELPHIA.

The Market.

Saturday, the last day of the month as well as of the week, was a really good day for the florists. At least one wholesaler telegraphed for more carnations. Stock generally was pretty well sold out. This week has not opened so well. Flowers are accumulating considerably, due to increased production, combined with a lack of life in business.

Sweet peas have been in good supply and brisk demand, proving that they are as popular as ever in season: *Nota bene:* in season. No healthy mortal cares about strawberries in midwinter. Carnations are still selling well, the colored sorts a shade better than the whites. To judge from appearances, Beauties are down in price again, but by no means in quality for they are excellent. The other roses have fallen a little. Their ranks have been strengthened by some fine Kaiserins. The overplus of lilies is past; they bring better prices now. Valley has been coming into the market in quantity a little more than sufficient to meet the demand. Pansies have continued popular. Leo Niessen disposed of 5,000 bunches last week, about his regular quantity. Double violets can still be seen of good quality. Outdoor bulbs are in flower. They are not serious factors, except possibly in reducing the demand.

Southampton.

It is a well understood thing among the growers what going to Southampton means. You take the little, one-track road for Newtown (no, not Newtown Square) through pretty, rolling country, past Fox Chase, Paper Mill and other suggestive stations until you reach a prosperous looking place where nearly everybody leaves the train. That is Southampton. You avoid the bus driver and strike off into the country. After a short walk between neat cottages and fertile fields you approach an imposing range of glass, much larger than a few years ago. It is Stephen Mortensen's, the original of the famous "Samuelson of Hatboro," about whom my friend K. grew so enthusiastic. "The combination between the soil and Samuelson," he said, "produces splendid Bridesmaids." There was Stephen himself ready to extend the glad hand of welcome and show you one of the neatest places imaginable.

The entire place is devoted to roses grown for cut flowers, Beauties, Brides, Bridesmaids and Liberties being the varieties grown. The last named sort has won favor and will be more largely planted for next season. It is now making fine canes from the lower eyes. A narrow house formerly used for mignonette has produced as good Liberties through the winter as the large house. Grafted plants of Bridesmaid have shown more vigor and bloomed more freely than those on their own roots. They will, therefore, be more largely planted this summer and from them will be taken the cuttings for the following year's stock, to secure the greatest possible vigor. Bride is looking well and has evidently been blooming profusely. The method of heating is by hot water. The entire cut of this place goes in each morning, Sundays excepted, on the 5:30 a. m. train to Samuel S. Pennock.

A Spare Moment.

It was a pleasure to watch the snap and system displayed by a band of workers in a large seed store one morning this week. The pleasure was increased when the head of the house, Henry F. Michell, stopped to say a pleasant word. Business, he said, was late in beginning, but now it is ahead of past years. He spoke of the wonderful beauty of salpiglossis, the so-called poor man's orchid, as grown from their seed by Edwin Lonsdale. Florists ought certainly to sow it now, and also in the fall, for cut flowers. Another seed worth sowing for the same purpose is lupinus, now obtainable in separate colors. Both varieties of seed will bloom four months after sowing.

Various Notes.

Wm. J. Riehle, of Lansdowne, Pa., has ordered building material from Lord & Burnham Co. for two houses each 23 x 100 to be used for growing carnations. Mr. Riehle is a beginner in the business.

Abram Hostetter, of Manheim, Pa., will erect one new house, 20 x 100 feet, and rebuild two old houses, one 20 x 72 and the other 20 x 172, using Lord & Burnham's material throughout.

N. D. Comly, of Bustleton, Pa., will erect one house 20 x 150. Like the preceding grower his specialties are violets and carnations, although he is unique in following his violet crop with rhubarb, which has proved profitable this spring.

D. T. Conner can be found each morning at the Flower Market by would-be greenhouse builders, to whom he would be happy to show his Lord & Burnham models.

Charles F. Edgar & Co. state that they are receiving nice Kaiserins.

Eugene Bernheimer is handling fine sweet peas in three colors.

Charles E. Meehan, manager of the Flower Market, went out to W. K. Harris' the other day. He found a new variegated form of bougainvillea considered very promising. There were a fine lot of Crimson Rambler roses in pots, not yet in bloom; some narcissi, princeps and poeticus; a promising stock of the butterfly primrose, a fine lot of decorative plants and many other good things, including a hearty welcome.

The street says it is so,
Voices that will not keep still
Bayersdorfer & Co.
Have heavy orders to fill.

Wm. J. Young is to be congratulated upon the arrival of a little daughter.

M. Rice has been successful in securing some very promising novelties in Europe. Phil.

ST. LOUIS.

The Market.

Better weather conditions revive activity in both retail and wholesale circles. Backward spring has retarded planting in all its branches. Trade improvement was noticed the past week among the plantsmen, seedsmen and landscape gardeners. Among the florists in the stores the counter trade is gradually falling off and the warm days prevent them from making their usual window displays. Some funeral work is always going on among the down-town store men, but in the west end the retailers do more decorative work for receptions, weddings and dinner parties. A lot of cut flower work was done last Saturday for the opening of the World's Fair, as a number of state buildings were decorated with plants and large bunches of roses, carnations and lilies, all presenting a handsome appearance. Everybody had a holiday on Saturday, but as usual the poor florists had to work and some of them very hard.

Choice cut flowers are not any too plentiful, but more of the ordinary grades are in than the demand calls for. Roses of all kinds are in large supply. Fancy stock runs from $6 to $8, firsts $4 to $5 and seconds $2 to $3 per 100. Fancy American Beauties are coming in better, with a fair demand at $4 per dozen, with shorts as low as $5 per 100. The best stock in carnations is selling clean, with fancies at $4 and $5, firsts $2.50 and $3 and ordinary at $1.50 and $2 per 100. Fancy Lawson, Prosperity and Wolcott are in great demand but some of the common sorts are generally left over after the morning sales. Bulb stock is in the same condition as last reported; very little sale for it with plenty of it dumped. Almost any price will buy the best Harrisii and callas are quite plentiful at from $6 to $8 per 100. Sweet peas are fine at $1, and from that down to 50 cents per 100. Southern lilac is coming in but not in very good condition. The first sold at $5 per 100 sprays.

The latter part of the week the fine weather kept the greenhouse men constantly on the go delivering plant orders. Trade in this line is going to be big, as everybody is going to look his best for the visitors coming to see the great World's Fair.

Death of John Young.

It pains me to report this week the death of our friend and craftsman, John Young, head of the firm of C. Young & Sons Co. Mr. Young died suddenly on Friday night, of neuralgia of the

The Late John Young.

heart, while attending the performance at the Olympic theater with his wife and daughter. He was taken suddenly ill after the first act and was taken home in a carriage and died an hour later. Mr. Young was a member of the S. A. F., the St. Louis Florists' Club and the Florists' Bowling Club. The funeral took place on Sunday afternoon, from the late residence, 4536 Forest Park boulevard. He leaves a wife and four children, four brothers and two sisters and a countless number of friends in the trade to mourn his loss. Beautiful floral designs were sent by the Florists' Club and the Bowling Club and many others from friends. Nearly all the members of the Florists' Club were in attendance. The pall bearers were his four brothers, Fred C. Weber and J. J. Beneke. The interment took place in the family lot in Bellefontaine Cemetery.

The last look at the face of our friend,
Whose glance has lost its beam,
His brow was cold as the marble stone,
And the world a passing dream;
The last press of his kind hand,
A look at the closing eye,
Yield that his heart must understand
A long, a last good-bye.

Various Notes.

James Hartshorne, of the Chicago Carnation Co., Joliet, Ill., arrived Sunday morning with a big lot of cut carnations for show in the Horticulture building at the World's Fair grounds.

George M. Kellogg, of Pleasant Hill, Mo., was a visitor the past week, attending the opening of the World's Fair. Mr. Kellogg has made application for membership in our local club.

Walter Gillis has resigned his scholarship at Shaw's Garden and is now employed at the World's Fair grounds. It will be the duty of the local club to appoint his successor at its next meeting, on May 12. Young Mr. Roper, now at the garden, has made application for the place.

The next meeting of the Florists' Club will be held next Thursday afternoon, May 12, at 2 o'clock. Some very important business is to be transacted and a large attendance is hoped for. Two discussions will be lead, by J. F. Ammann and F. W. Ude, Jr. Their subjects are "Replanting Rose Stock" and "Growing of Violets," which will be interesting to all the members.

J. A. Evans, of Richmond, Ind., spent Sunday in St. Louis.

The Missouri Botanic Garden received a thousand-dollar importation of orchids last week. They have now the second largest collection in the world.

Arthur Cowee, of Berlin, N. Y., is busily engaged in the Horticulture building, attending to his display.

James Young will, from now on, fill the place left vacant by his late brother at the store, at 1406 Olive street. James is a fine fellow and should make a splendid manager.

Charlie Young and his wife left last Monday night for a three months' trip to the Pacific coast.

John Steidle, of Clayton, made a fine exhibition of cut carnations in the Horticulture building on Monday. Those staged were Estelle, Prosperity, T. W. Lawson, Harlowarden, Gov. Wolcott and Enchantress. Several others have made entries, but failed to show. James Hartshorne, of the Chicago Carnation Co., was in the building, but his carnations failed to arrive. J. J. B.

NEW YORK.

The Market.

The week past was full of clouds and storms, business slumped steadily and some sad clearing out of flowers of every kind took place before the wholesalers shut up shop on Saturday night. In quantities the buyer's offer was final. It would be a shame to quote the fall of some of the good things. Violets made their final exit in disgrace, 10 cents to 25 cents per hundred for the best in the market, which was an ungrateful but apparently universal way of speeding the parting guest.

Notwithstanding the flood of April weddings crowded into the last few days of the vernal month, the general market felt none of the exhilaration of the young folks and refused to enthuse. Society seems to be devoted to dinners without number and May opens with weddings at wholesale. But all these influences do not cause a ripple on the placid sea of abundant supply of flowers of every kind. Orchids and valley remain firm. Lilies are abundant; 4 cents is a fair average price for the best of them. Carnations were especially "knocked" last week, until on Saturday any price was welcome. I saw 600 assorted give up their happy home for a $2 bill. Roses shared in the general retrograde. They had as bad a day on Saturday as the Russians on the Yalu. Beauties surrendered at 12 and 15 cents. The finest Brides and Maids yielded at 6 cents down for the best of them. It is impossible to make arbitrary prices, therefore, in the official list and while those given are accurate on the day of quotation, which is necessarily Monday of each week, there is abundant time before Saturday arrives for some mighty striking changes. This should not be forgotten when criticisms are made on quotations of the early days of any week. The market is a thing of a day and not a week and floriculture has not yet advanced to the necessity of a daily, though this may be the case before the pioneers of cut flower wholesaledom are gathered in. The present week opens warm, sunny, springy, with values normal.

Spring is Here.

The parks are an inspiring vision after the long and dreary winter. Sunday was an ideal spring opening by Madame Nature, more beautiful and far-reaching even than Bro. Beneke's wonderful Fair, which has just arrived in such a blaze of glory. Later on when the S. A. F. invades the Ivory City, we hope to rejoice in its grandeur and realize its horticultural triumphs. But now in our very midst we have an exhibition that displays the magic touch of the Infinite and reaches every heart, while its beauties are as free as the air and its inspiration awakens all humanity to a new existence. Never seemed the grass so green, the early flowering forsythea so golden and the burning bush so brilliant as now, while "all the trees on all the hills open their thousand leaves." So while "blessings brighten as they take their flight;" blessings are infinitely welcome when long delayed. Now the work of a month must be accomplished in a week and the plantings of the seedsmen and the nurserymen rushed day and night, if ordinarily practical results are to be accomplished.

Various Notes.

John B. Nugent, Jr., journeyed to Madison last week and bowled with the Morris County Gardeners' Society, of which he is a member. With unassuming modesty he quotes only the scores made by the balance of the bowlers and seems to think they could give the New York Club a run for their money.

President Siebrecht, of the New Yorks, has been too busy buying mansions lately to bowl, and his purchase of the Lockwood estate near his Astoria residence is considered a splendid business investment. All his friends congratulate him on this evidence of his prosperity. He certainly made a ten strike and ought to give a good account of himself at St. Louis.

The supply men have European trips

on their summer programs. Geller is already there and others contemplate the voyage before the close of May. They have all earned the holiday and have had one of the best seasons on record.

Wild smilax is about at an end for the present, an occasional box now and then coming to town, but the supply is about exhausted.

The daily papers are giving a great deal of valuable publicity to the growers' plant market in the big tents at Canal and West streets.

Next Monday the bedding plant exhibit at the New York Club rooms should attract a creditable exhibition and a large attendance. The regular monthly meeting of the club will be held and William Elliott will read his paper on the "Idiosyncrasies of the Auction Business."

Dr. Earle, of the New York Botanic Garden, has been appointed director of the new agricultural station at Santiago de las Velas, Cuba, some twelve miles from Havana.

A. Miller, a member of the New York Florists' Club and for some time foreman at the Botanic Garden conservatories, has taken a position as head gardener with Millionaire Barley, of Mount Vernon, N. Y., where his skill in developing a new place will have ample opportunity.

To give some conception of the enormous sums expended in the vicinity of New York on country estates, L. Blair, of Far Hills, N. J., is stocking his handsome estate with rare shrubs and trees, and making landscape and other improvements that will entail an outlay of nearly a million dollars. The Stow estate, at Westbury, L. I., is another example of horticultural enterprise and development, over half a million dollars having been expended here during the past year.

The Horticultural Society of New York holds its annual exhibition at Bronx Park Botanic Garden next Wednesday and Thursday. Leonard Barron, secretary, will forward the schedule of premiums, etc., to all applicants. It includes the usual $50 prize for the best horticultural novelty. It is more than likely another fern applicant for popular approbation may carry off the coveted honor. The attendance at this meeting should be large. In addition to the added enjoyment of a visit to this beautiful park, an illustrated lecture by J. Horace McFarland, of Harrisburg, will be delivered on Wednesday afternoon at 4 o'clock on "Common Trees and Their Uncommon Flowers."

Geo. Saltford has had a two week's rest on the cushioned seats of the jury box, and returns much refreshed to his arduous wholesale duties.

John N. May has returned from the sunny south much improved in health.

Thursday of this week the stockholders of the Cut Flower Exchange will hold their annual meeting in their office in the Coogan building. The retiring directors are John Johnson, Charles Smith, Philip Miller, Wm. Duncan and John Taylor.

The Bonnot Bros. are the king bees at Flemington, N. J., where their greenhouse plants will be overhauled and added to materially this summer.

One of the old retail houses of New York, so long established where the great Flat Iron building now stands, and later across the way on Broadway, has landed in the swim on Fifth avenue, and will shortly open a handsome store between Thirty-eighth and Thirty-ninth streets, right in the heart of the retail district and surrounded by some of the largest florists' establishments in New York.

Bowe had the Picard-McAlpin wedding last week, with elaborate church and house decorations, the ceremony taking place at the Collegiate church, Seventy-seventh street and Broadway, and the reception in the palm room of the St. Andrews hotel. Valley and American Beauties were used profusely, with canopy of white lilac, sweet peas and white roses.

Capt. Lang, of the bowling club, has been quite ill and a felon on his best bowling finger has kept him out of the game for weeks. He hopes soon to be in condition for his 200 average. Mrs. Lang still favors her dislocated shoulder.

Armin Kretchmar, of Brooklyn, is now in San Francisco in one of the leading retail stores of that city. His uncle, Julius Kretschmar, who suffered a stroke of paralysis some weeks ago, is much improved and hopes are entertained of his complete recovery.

The development of the new fern, Scotti, is remarkable. Its rapidity of growth is phenomenal. When I visited its headquarters two or three weeks before Easter there were three houses of stock in pots and benches, now there are six at Flatbush and one house full at Keap street, in the city. There are many thousands of the small plants in 2¼-inch pots ready for June 1 delivery, as well as grand stock in 4-inch pots, which will be ready to transplant into 6-inch. Hundreds of specimens in 6 and 8-inch pots for the retail trade and in pots and tubs up to 14-inch, will also be ready for distribution. All the leading retailers in this vicinity have placed orders with Mr. Scott, who welcomes visitors at any time.

President Traendly, of the Florists' Club, is taking a warm personal interest in the success of the annual outing and suggests that all firms desiring to help the program of sports, communicate with Chas. Schenck, the treasurer of the committee, to whom all remittances may be made. It is necessary, also, to know at once how many will attend, that proper arrangements may be made for the comfort and convenience of all. And it is sincerely hoped that not a member of the club will refuse to show a practical interest in its welfare by the return of the tickets already in their hands.

The American Institute of New York has all arrangements made for its dahlia show in September, and for its elaborate effort in November, which in addition to the chrysanthemum exhibition will include fruits and vegetables. Dr. Robert Taylor is manager of both, and the veteran C. L. Allen declares that "from the encouragement given I think it will be the greatest display of agricultural and horticultural products ever seen in this or any other country."

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

Bowling.

The Bowling Club was fairly attended on Monday evening, some distinguished visitors being present. Next Monday afternoon at 3 o'clock, the club will meet at the usual place, instead of in the evening. A cordial invitation is extended to all who intend being present at the club meeting in the evening to visit the alleys and enjoy the sport. Matters of importance must be decided and the club selected for the St. Louis convention and President Siebrecht asks a full attendance. The following scores show which way the wind blows:

Craw	98	127	...	...	...	...
Stewart	73	148	...	...	...	...
Traendly	98	174	...	...	...	...
Koplitz	109	125	...	...	...	...
Gibbs	98	99	110	138	...	...
Frank	136	136	144	154	152	...
Shaw	122	126	133	135	136	139
Siebrecht	115	123	142	146	161	183
James	156	157	170	176	179	180

At Flatbush.

It is always bowling night on Thursdays at Flatbush. It is a comfort to visit where harmony prevails, loyalty to the club's interests is in evidence and seclusion and hospitality assured. Eugene Dailledouze was an interested spectator last week, his bowling back still being like his will, unbending. The Flatbush Club can send a strong team to St. Louis if it wants to. They are open to challenge from any adjacent club, preferably New York. Some of the old stand-bys were absent, among them John I. Raynor, Will Siebrecht and Davy Mellis. Riley absorbed the lion's share of the pots, as usual. The scores follow:

Riley	132	151	166	185
Schmutz	104	105	106	162
Wocker	129	143	155	181
Irwin	138	142	148	174
H. Dailledouze	123	132	143	144
Shaw	104	113	147	176
P. Dailledouze	132	133	137	...
Zeller	138	156	...	...

J. Austin Shaw.

BRITISH HAIL ASSOCIATION.

The Nurserymen's, Market Gardeners' and General Hailstorm Insurance Corporation of Great Britain has been in existence nine years. Harry J. Veitch is chairman. The company now insures 34,423,363 square feet of glass and the premium payments last year were about $12,000. The reserve is $37,500. But only seven losses were paid in the year.

Montreal, Que.—Hall & Robinson have a white sport of Mrs. Lawson which is considered a fine thing by all who have seen it. They will work up a stock of it.

Eagle Grove, Ia.—W. E. Garrett is a thoroughly competent florist and nurseryman, but finds little opportunity for either business in this vicinity. His present business is exclusively gardening and small fruit growing.

Vegetable Forcing.

EUREKA, ILL.—C. L. W. Snyder is making a success of lettuce under glass and is building an addition to his glass, 20x50 feet.

SPRINGFIELD, O.—The Springfield Floral Co. is making a trial of C. W. Skinner's patent system of irrigation for use in the greenhouse. It promises to be very valuable for special crops, such as lettuce, cucumbers, etc.

GRAND RAPIDS, MICH.—The monthly meeting of the Grand River Valley Horticultural Society was held April 12 at the home of Eugene Davis, the large grower of winter vegetables. Henry Smith was one of the speakers.

THE MARKETS.

CHICAGO, May 4.—Radishes, 25 to 55c dozen bunches; rhubarb, 40 to 60c 40-pound box; lettuce, heads, 50c to $1.25 bushel, leaf, 15 to 30c case; cucumbers, 50 to 75c dozen. Large receipts.

BOSTON, May 2.—All kinds of vegetables are arriving more freely and prices are lower. Cucumbers in full supply at $2 to $3.50 per bushel. Lettuce continues from at 60 to 85 cents a dozen. Radishes, 20c dozen; mint, 75c per dozen; watercress, 75c dozen; parsley, $1 to $1.25 per bushel. Tomatoes are abundant and of good quality; the best bring 25 cents. Soft or windy fruit sell as low as 10 cents. Rhubarb 4 to 5 cents, will be much lower in a few days as outdoor supplies will be in. Mushrooms scarce at 75 cents to $1 pound.

NEW YORK, May 2.—On Saturday there was considerable urging to move the large stock on hand, facing Sunday and warmer weather. Lettuce from the south was sold a shade off, otherwise this item holds fairly steady. Cold frame product, heads, is $1.50 to $3.50 barrel; local rhubarb, $2 to $3 100 bunches.

TROUBLE WITH TOMATOES.

C. D. G.'s trouble in having a proportion of hollow or windy winter tomatoes as reported April 28, is quite a common one. There are few growers in the east who have not had some experience with it each year. Some kinds seem to be more predisposed to throw windy fruit than others, Eclipse, Frogmore and Chemin occurring to me at this time, the first named being the worst in this respect. With Rochford, Stirling Castle and Best of All we have had less trouble; the best winter "setters" seem the most prone to come soft.

We do not think the most careful artificial pollination will overcome this trouble, for we have seen crops hand fertilized each day quite badly affected. Too much root run, keeping the soil too moist and lack of bottom heat are more likely to be the causes. On plants grown in large boxes or pots we have never had any windy fruit; it has always been on plants grown in benches. For successful midwinter fruiting tomatoes must have a very restricted root run. They should either be in boxes or narrow raised benches. In solid beds success is very doubtful. We do not believe that bottom heat is necessary for a successful winter crop, but we find it helps quite a little. A very little steam or hot water below the benches will do the work.

There is little trouble with soft tomatoes except from December 1 to March 1. We would advise a night temperature not less than 60 degrees, one 5 degrees higher being better; dry atmosphere, greater root restriction and raised benches in all cases.

We can confidently recommend Stirling Castle as an A1 winter fruiter. It is not large, but sets freely and is with us very firm, a trifle better than Rochford's, which, however, is superior for late fall and early spring use.

In regard to melons, almost every grower has his pet variety, each claiming his to be the best. In addition to the English kinds we would suggest to C. G. D. the desirability of trying a good selection of Emerald Gem and Rocky Ford. These are fine-flavored varieties, of easier culture than the English ones, but rather more susceptible to disease. If, however, he can get clean stock and save seed from the same he will find them strictly first-class. We can send C. D. G. a few seeds of Emerald Gem guaranteed if he cares to try them.

W. N. CRAIG.

MARKET FOR TOMATOES.

Are there many hothouse tomatoes shipped to the Chicago market in winter? What was the average price per pound, wholesale, this winter, and what are they bringing now? J. W.

Earl Bros., who are among the largest handlers of greenhouse lettuce and cucumbers in Chicago, say that there is no regular supply of hothouse tomatoes in winter and hence no established market. What few hothouse tomatoes come in are usually sold direct to the big hotels and fashionable restaurants and do not go through the commission dealers' hands. Probably 40 to 50 cents a pound would be the ordinary price for a winter crop of good quality. The first regular supply on South Water street is in February, when the Florida tomatoes arrive. These are in six-basket cases and if sound, smooth and well colored the first offered fetch $3 to $4 per case, according to quality.

CUCUMBERS.

We have a range of connected houses, no partition walls, in which we have been growing lettuce. Since about February 1, as the side benches were cleared of lettuce we filled them with transplanted cucumber plants from pots. Some of my neighbors said I would have to get a swarm of bees or else hand pollinate the flowers to make the fruit set. But it don't look so. Some of the vines six weeks on the bench have made a growth of two feet or a little more, with about three or four pairs of leaves. They seem to have set plenty of fruit, if not too much. You can count six and eight little cucumbers on some of the axils. Is that all right? To me it looks like a good deal of fruit for a very little vine. Should any be pinched out? This is my first trial with cucumbers and I wouldn't like to lose the crop. It has been a hard winter and we need the money. M. H.

I don't think that it is necessary for M. H. to get a swarm of bees into his cucumber house, although they may be useful in pollinating and may be all right after you make their acquaintance; nevertheless they will assert their rights as owner of the house and before you get on visiting terms with them you are apt to get the worst of the argument if you trouble them much. Personally I am always more or less suspicious of their tail end, and like to keep as far away from them as possible. It does not take long to run over cucumber houses and set the flowers by hand and this is surer than the bee system.

I have always found it necessary to hand pollinate to insure a good set and if M. H. has a variety that will set in bunches of six or eight at the one axil it must be quite an acquisition unless it is a pickling variety and even on that I have never seen fruit set as he describes on such small vines. On the main stem of the vine it is very seldom that female flowers are produced. Male flowers will usually appear from every axil, and often in bunches, but it is on the lateral or side shoots that we have to depend for the female flowers and even here it is seldom that they are produced otherwise than singly. They will sometimes come in pairs but I have never seen them in bunches of six or eight. Even when two come at one axil I prefer to pinch one off, as they seldom both mature well.

The female flower has the small cucumber or seed vessel behind it and when the flower withers up and the little cucumber remains, the inexperienced grower might think the fruit was set, but a few days will undeceive him, when the fruits fail to swell, turn yellow and fall off.

White Spine is the most generally grown and best selling variety for market purposes and to insure proper fertilization hand pollination is the safest and only sure method. The long English frame varieties will swell without being fertilized and make just as good fruit but will be useless for seeding purposes, as without being fertilized the seed will not mature. Cucumbers are easily pollinated by hand, the flowers being large enough to be easily handled. The male flower should be picked off, the petals stripped from it to free the stamen, from which the pollen can be transferred by rubbing on the stigma of the female flower. Sufficient pollen is usually produced on one male flower to pollinate several of the female, but as a rule the male flowers are more freely produced than the female, hence it is safer to use plenty of pollen and insure fertilization.

It seems to me that there must be something wrong with the cultivation given by M. H.; probably his temperature is too low, as plants six weeks in the bench, even if they were very small at the time of planting from the pots, ought to have made more growth than two feet. A stunted growth might account for the female flowers being produced on the main stem when the plants were so small. It is a law of nature that a stunted or half starved plant will flower more freely than a plant that is in a healthy, free growing state. We often hear this expressed as a plant flowering itself to death, which is really what a plant will do in attempting to fulfill nature's law and reproduce itself before it finally succumbs.

W. S. CROYDON.

YOUNGSTOWN, O.—J. C. Schuffert has a big stock of spring plants at his place at Crab Creek and is doing a nice business, also, in the line of cut flowers and funeral designs.

OSAGE, IA.—W. S. Hall has been adding to his place, until he now has 10,000 feet of glass.

BURBANK'S EVER-BEARING CRIMSON WINTER RHUBARB

IS THE MOST DELICIOUS VEGETABLE THAT HAS EVER BEEN INTRODUCED.

Plants Set Out Now will Bear Next Winter and Spring. We are Headquarters for Plants and Seeds of this Rhubarb.

PLANTS READY NOW—$10.00 per 100, Express paid; Seeds $1.50 per oz. Send for circular and Catalogue.

THEODOSIA B. SHEPHERD CO., -- -- VENTURA, CALIFORNIA.

Mention The Review when you write.

PITTSBURG.

The Market.

The disagreeable weather conditions from April 23 to May 1 demoralized business considerably, quietness continuing all the week, the monotony being relieved only occasionally by small wedding decorations and orders for funeral work. About the best that can be said is that, while business was dull, stock shortened up and good stock did not accumulate. Last Saturday business took a spurt and stock sold up clean except on lilies, which will not move out at any reasonable figures. After last week's cloudy, wet and cold weather the present prospects are that a few bright days will bring quantities of stock.

In carnations and roses the quality is fine and prices remain the same as last reported. Pansies, sweet peas and yellow daisies are very plentiful. The demand for violets is limited but those arriving are still of good quality. Bulbous stock is very plentiful, with only an occasional heavy demand. Smilax is still scarce but asparagus strings and bunches are plentiful. The prices on ferns have taken a tumble; fine stock is offered now at $2 per 1,000.

Various Notes.

The long spell of rainy weather has made it impossible to do outdoor planting. May 3 and no carnations in the field!

Fred Burki smiles again, not a gas well with 200 pounds rock pressure this time, but the stork visited last Friday. It's a girl, and the cigars are on Fred. Bakerstown is truly a wonderful place, with the finest rose and carnation establishment in the country located there, and those fine babies make it quite an interesting place. Mrs. Burki and baby are doing well.

Your correspondent has received a copy of a beautiful floral album by E. C. Ludwig. The work is really a piece of art.

Last Friday, April 29, John W., son of Mr. and Mrs. William B. Hall, died at his parent's home in Allegheny. The craft extend their sincere sympathy to the bereaved family.

Clarke and Langhans, of the Pittsburg Cut Flower Co., were the happiest boys in Pittsburg last Monday, for the sun shone brightly and business was good. This firm is receiving fine carnations and roses, also many novelties.

The Florists' Exchange is moving from the basement, which they now occupy, to a room on the second floor at 228 Diamond street.

The market gardeners and plantsmen have a large stock of fine bedding plants and are awaiting favorable weather.

Visitors: C. H. Roney, Jamestown, N. Y. Hoo-Hoo.

TOLEDO, O.—The Scottwood Greenhouses report a very good season.

True Asparagus Plumosus Nanus Seed

$5.00 per 1000.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.

Mention The Review when you write.

Violet Plants.

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. OCEAN PARK, Cal.

Mention The Review when you write.

PACIFIC COAST.

GEO. W. OLIVER, of the Department of Agriculture, Washington, D. C., is visiting the bulb growers of the Pacific coast and making notes of ways and means by which the department may assist in the development of the industry. The department is evidently sparing no pains to hasten the day when home-grown bulbs shall take the place of those now imported. Mr. Oliver has arranged to send some of the bulbs from his seedling lilies of the Harrisii type to growers in various localities on the Pacific coast, and it is hoped that at some one of these places the proper conditions will be found for the production of the bulbs on a large commercial scale. By starting with seedling stock and in virgin soil complete immunity from disease should be assured. The trade is certainly under heavy obligations to the Washington officials for their efforts in this direction.

THE PROBLEM OF HELP.

We are in the midst of our busy season and the same old trouble confronts all the nurserymen. Where can we get reliable help? With the large commercial places this problem has assumed startling proportions, and we are no nearer a solution than we have been for years past. In talking with one of the largest growers of nursery stock in California today he spoke as follows: "I have been actively engaged in business in this state for almost forty years, and I am 'up against it.' My planting season is here and I am making preparations to bud about twenty-five acres of young stock. I have not had much trouble during the wet weather we have just passed through to keep a sufficient force on hand, but now that the warm weather is here and fruit picking is about to begin my field force are dropping out one by one and I find them almost impossible to replace at this time. I suppose I will have to fall back on the 'Jap' proposition again and pay them about twice what they are worth, for truly if any man on earth deserves sympathy it is the grower who has to depend on the wily Japanese laborer. A few years ago it was possible to employ Chinese, but now that they do not come to this country in such numbers as they used to do we cannot get them in sufficient force to be of much service. The Chinaman is a good and faithful worker, but his cousin, the polite little 'Jap' is entirely too 'bright' to do any labor he is not forced to."

The gentleman whom I have just quoted is one of our well-known growers and his ideas will fit the case of the majority of the nurserymen in this state. We have "hobos" here in plenty, but they are not looking for work. We are paying from $2 to $2.50 for nine to ten hours' work. It seems that the majority of the eastern gardeners who come to this coast are of a roving disposition

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	Variegated.		
Scarlet.			Armazindy...	0.85	17.00
America.....	1.00	9.00	Prosperity...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention the Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

Mention The Review when you write.

Can Ship.. PLENTY Good Stock

Large receipts of the BEST ROSES, enough for all. SELECT AND FANCY CARNATIONS in quantity; LILIES AND VALLEY; "GREEN GOODS" for everyone.

SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stem	$3.00
24-inch stem	2.00
20-inch stem	1.50
15-inch stem	1.00
12-inch stem	.75
Short stem	$4.00 to $5.00 per 100
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Perles	3.00 to 6.00
Roses, our selection	3.00
Carnations	1.50 to 2.00
" large and fancy	3.00
Violets	.50 to .75
Valley	3.00 to 4.00
Poets' Narcissus	1.00
Mignonette, per doz., 50c to 75c	
Sweet Peas	1.00 to 1.50
Callas, per doz.	$1.00 to $1.50
Harrisii...per doz..	1.00 to 1.50
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns...per 1000, $5.00	.50
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $2.50	
Leucothoe sprays	1.00

Subject to change without notice.

and are not inclined to stay long in any one place. In nurseries where the help is boarded and lodged on the premises the wages paid are $30 to $35 per month and upwards. This seems to be a fair compensation. G.

THE OAK MOTH.

Prof. Warren T. Clark, head of the entomological department of the California State University, at Berkeley, has called the attention of the public to the fact that our most beautiful native tree, the California live oak, is in danger of extermination by the oak moth known as Phryginidia Californica. These destructive insects were first found here about five years ago and in a very limited area on our coast range mountains. They devour the leaves as fast as they grow and the tree finally dies. Two years ago they made their appearance in the neighborhood of Berkeley, where are located some of the finest specimens of the Quercus agrifolia. It was found that several of the insect eating parasites attacked and destroyed the moths so that for a time they were thought to be exterminated. This year, however, the moths have made their appearance in large numbers on many of the largest trees and in the absence of any other method of destroying them spraying the branches with Paris green has been resorted to. This appears to be effective but it is a tremendous amount of work. It is the intention of the authorities in the horticultural department at the university to pay great attention to the propagation and distribution of the parasites that feed on the oak moths as the preservation of our valuable native trees is a serious question at this time.

EVERETT, WASH.

Peterson, the carnation specialist, is still sending out some fine carnations and says he has had quite a profitable season.

La Groe & Sons have done a very satisfactory business in decorative plants and roses and are doubling their capacity and changing to short-roofed houses and beds on the ground, also adding a new forty horse-power boiler.

Wallmark reports a good store trade this winter and is building two more houses this summer.

Planting season is well on, but late for this section and only a few carnations are planted yet. The aster bugs are very numerous and seem to be waiting for something, with the intention of being on time. Last year I had a late bed of Upright White Branching and covered them with a white cloth nights and the bugs stayed on the cloth and did not seem to hurt the asters any after I covered them, so I thought they did the mischief in the night when roosting on the stems of the flowers. R. S. C.

SAN FRANCISCO.

The Market.

Business has taken an upward jump during the past week and it has been noticed chiefly in funeral work, of which all the retailers have had a fair supply for several days. It seems to be off crop with a good many growers at present, and as a consequence there has been a good demand for any stock offered that was in good shape. White carnations are scarce, but of the red and pink sorts there are enough to go around. Good roses are likewise scarce and the best Beauties are selling today at $2.50 per dozen wholesale. Brides and Maids run from three dozen for a dollar up to $1 per dozen, which is a good price for this season of the year. Testout and Liberty bring 75 cents per dozen for the best, but I have seen no really good ones for the past week and there is much inquiry from the retailers for longer stemmed flowers of these varieties.

With lilies the Easter crop is well off and there is a scarcity at present. Many of the growers plant the Japanese-grown bulbs and bring them into flower without bottom heat, which brings them in in May and June. Outdoor common stock, such as marguerites, stocks, and candytuft, is becoming plentiful. Bride gladioli have arrived and sell at $2 per hundred spikes. Lilac has come and gone. We had a very short season of it this year, hardly three weeks all told. Our continued warm, rainy weather during February and the early part of March had the effect of forcing a splendid crop of flowers and bringing them on to a stage where they made splendid, large clusters, but did not open far enough to cut. A wave of very warm weather during the first weeks of April and the entire crop bloomed out in a few days, whereas we generally have lilac for six weeks at least.

Notes.

Three small boys drove off with the delivery wagon belonging to Mann Bros. last Monday. The youngsters drove around town all day, but finally were overhauled by the police.

The German Gardeners' Club gave a very successful dance on Tuesday night at Hovey's Hall in Oakland. A big crowd was present and the decorations put up under the direction of Wm. Nunenmacher were much admired. G.

PORTLAND, ORE.

It was not as much of a surprise to read of the snowstorms and cyclones which have recently visited the eastern and middle states as it was for us here in Oregon to experience, early in April, one week of real midsummer weather. Refreshing showers, with the mercury registering 90 degrees in the shade, caused trees and shrubbery to rapidly take on their summer attire and all vegetation may now be seen at its best. Everything in the horticultural line flourishes in our unsurpassed climate. The magnolias, azaleas, rhododendrons and a hundred other varieties of shrubs are now in full bloom and form a beautiful contrast to the glossy foliage and richly kept lawns.

There has been no great activity in the retail trade since Easter, just a steady demand for the best flowers, of which we have an abundance, light days of the past two weeks bringing out the blooms with a vengeance. Carnations are especially fine and from now until July we will have the heaviest cut of the year. The most popular varieties with us are Estelle, Enchantress, Prosperity and Flora Hill. Roses also took a sudden jump with the mercury and we are cutting fine crops of Golden Gate, Kaiserin, Liberty, Carnot and Testout on thirty-inch stems and the florists' displays are now veritable rose shows. And this is what the whole of Portland is preparing to be another year, for everybody is interested in planting roses to beautify their lawns for the coming fair. H. J. M.

ANCORA, N. J.—D. B. Martin has a bill for $700 for fertilizers sold Charles A. Nevinger, the florist, of this place, but the purchaser claims that the goods were not as represented and the matter has been taken to the supreme court at Camden.

CATTLEYAS..... ....per dozen, $6 00
DENDROBIUMS.... ... ...per dozen, 2.00
CYPRIPEDIUMS... .....per dozen, 2.00
Assorted Orchids, $5 to $25 per box.

ORCHIDS

"Get in the Habit"
Of calling up
Long Distance Phone Central 3598,
or Telegraph, or a letter to
CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO
WHEN YOU WANT
Orchids, Violets, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

CHICAGO.

The Market.

This week sees the market burdened with a very large oversupply. Receipts are heavy in all lines and considerably more than the legitimate demand can consume. There is, however, an active out-of-town trade and the aggregate of sales is satisfactory in comparison with those of the same period last year. An immense amount of stock is being moved, even if the average returns, brought down by the clean-up sales, are not as high as the growers would like to see. Local buying is still light and holds forth little promise of immediate improvement.

For about the first time this season long Beauties, and also the medium lengths, are accumulating in the wholesalers' ice boxes. Quality is very good and, in fact, one of the oldest wholesalers says that never in his experience has he seen a time at the beginning of May when the average quality of the rose crops was as good as at present. There is first grade stock for all requirements, and some to spare and with the low grade stuff it is simply a question of what the Greek salesmen will give. As one grower expresses it, "they are all carrying a roll" at present, for certainly this is the best money making period the street men have had this year. It is probable that rose cuts will soon show a decline as the replanting of the greenhouses is already underway at most of the establishments.

Carnation receipts are at full tide and very good stock indeed can be bought for 2 cents, with the cream commanding not over 3 cents. Clean-up sales are at from 15 to 20 cents a bunch. Probably the most burdensome item in the whole list is Harrisii lilies. These and callas are hardly wanted at any price, although the demand for funeral flowers continues good. There are large receipts of lily of the valley and it is comparatively slow sale. Violets are still coming in and of fair quality for the season, because the weather has continued cool. Prices range all the way from 5 to 25 cents a bunch. Arbutus is good and sells fairly, $1.50 to $1.75 per dozen bunches. There are again adequate supplies of green goods in all departments. The receipts of fancy ferns, last year's growth spring picked has resulted in depressing the market, although for the first-class cold storage stock as high as $4.50 per 1,000 is asked, as against $3 for the "snow birds."

Grandiflora Cape Jessamine Buds
....FOR....
DECORATION DAY

Play safe and give me a part of your orders. Largest stock in the U. S. Prompt service on time orders. Long experience. Most extensive trade.

Season open now and will continue until June 10.

STANDARD PACK 75c PER 100; $6.50 PER 1000.
500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Tex.

NOTE—Mail orders from distant states for Memorial Day use, should be forwarded by May 15; telegraphic orders by May 20.

Mention The Review when you write.

Club Dates Changed.

The new lease of the Florists' Club necessitates changing the meetings to the second and fourth Thursday evenings of the month for the next year, instead of the first and third Wednesdays. The meetings will still be held in Handel Hall, the next session coming May 12.

Various Notes.

E. E. Pieser says that reports from the Missouri and southern Illinois peony growers are to the effect that if there are no late frosts peonies will be at their best for Decoration day.

Lubliner & Trinz, who have operated as the Consumers' Flower Co., report that they have made an eight-year lease on the store above Kennicott Bros. Co., and in the fall will fix up in first-class shape.

It is reported that one Williams, a Greek, who has had a flower stand on Randolph street, has secured the vacant store at 37 Randolph street, and will open there in the course of a few days.

L. Coatsworth is at New Castle, Ind., for a few days. The Benthey-Coatsworth Co. is already replanting some of its rose benches, having discarded Golden Gate and Sunrise. The space will be given to Bride and Bridesmaid.

George Schaekel is in charge of the Morton Grove Greenhouses, as grower for N. C. Moore & Co., who opened Monday in the Growers' Market, where Miss Moore will do the selling.

A. L. Randall is thinking of planting peonies on his farm in Michigan.

Bassett & Washburn report that grafted rose plants have been selling very well of late. They are entirely cleaned out on Bride.

One of the week's visitors was J. J. Curran, with his family, from Kalamazoo, Mich. Mr. Curran was formerly in charge of the greenhouses of G. Van Bochove & Bro., and is now on his way to Elmira, N. Y., where he will become superintendent for the United States Cut Flower Co.

Paul Blome on May 1 moved to a new and better store near his former location on North Clark street.

On May 1, T. D. Mosconesotes secured possession of the store which he leased

Hunt's Spiked——

Cemetery Vase.

Beautiful heavy glass, 12 inches high.
The finest article ever put on the market for this purpose——

Does away with the unsightly objects which have so long offended good taste. Lower end penetrates the ground six inches; stands firmly; water keeps flowers fresh. Top five inches across; will hold any kind of flowers. EVERY FLORIST CAN SELL DOZENS AT A GOOD PROFIT FOR DECORATION DAY.

WRITE FOR SPECIAL PRICES ON JOBBERS' QUANTITIES.

One doz., **$2.25**; Bbl. of three doz. at **$1.95** per doz.

E. H. HUNT, 76-78 WABASH AVE., **CHICAGO**

some time ago at the corner of North State and Division streets. A new front will be put in and the store handsomely decorated before he opens there.

J. G. Johnson is now with John Mangel and it is reported that he has again a half interest in the business.

The Anderson Floral Co. has closed its store at the corner of Madison and Wabash, where the building is now being demolished. The fixtures were sold to Geo. Perdikas, at 286 Wabash avenue.

The closing of the Floralia and the Anderson Floral Co., and the removal of Fleischman, reduced the competition just one-half in the vicinity of Monroe, State and Wabash avenue. Lange, Mangel and Harry Rowe remain.

It is reported that there is considerable unrest among the smaller growers north of town and some of them are said to be showing marked disposition to revert to type, that is, lettuce and cucumbers.

Peter Reinberg will represent his district in the democratic national convention. In the state convention there will be John C. Schubert and Peter Phillip, in the county convention George Reinberg and Adam Zender.

Mrs. Charles Duerr is quite ill.

A. Lange is again about but not fully recovered from his illness.

Mrs. "Tommy" Rogers has been ill all winter and Mr. Rogers has been away from his accustomed post, with Sinner Bros., this week, taking her to Whitehall, Mich., where she will spend the summer.

BELVIDERE, ILL.—B. Eldredge reports seventeen-year locusts appearing in his greenhouses.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems	per 100, $5 00 to 6 00
Bridesmaids	per 100, 6 00 to 8 00
Bride	6 00 to 8 00

	Per 100
Ivory	$6 00 to $8 00
Liberty	6 00 to 8 00
Golden Gate	6 00 to 8 00
Perle	6 00 to 8 00
La France	6 00 to 8 00
Kaiserin	6 00 to 8 00
Carnations, good	2.00 to 3 00
" fancy	4 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

STOLE CARNATION PLANTS.

The Chicago Carnation Co. is offering, through the Joliet newspapers, $100 reward for information leading to the arrest and conviction of the man who broke into their greenhouse of Fiancee carnations at 2 a. m. Saturday, April 23. We are informed that the night man saw the thief coming out of the opening which he had made in the glass with a glass cutter, with an armful of plants, most of which he dropped in his haste to escape. He had evidently seen the night man approaching. It will go hard with him if he is caught, as this is not the first time the company has had new carnations stolen.

ANONYMOUS.

We are regularly in receipt of queries and communications which bear no signature and which, for that reason, fail of the attention which they would otherwise receive. A case in hand is a query from a grower who wishes advice as to the elevation necessary for a water tank, and another is a poem expressive of "the writer's truest sentiments regarding the REVIEW," which we appreciate most highly but must refrain from publishing because we do not know the writer's name.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

A FINE LOT

Japanese Bamboo Plants

IN FINE CONDITION. LARGE SIZE PLANTS

	Each	Doz.		Each	Doz.
BAMBUSA NANA	50c	$5.00	BAMBUSA ARGENTEO STRIATA,	60c	$6.00
" PYGMÆA	50c	5.00	" ALPHONSE KARRI	50c	5.00
" AUREA	45c	4.50	" VEITCHII	60c	6.00

Collection of 1 plant each, 6 varieties, for $3.00

Collection of 6 plants each, 6 varieties (36 plants), for $15.00

Branch Store, 404 East 34th Street, N. Y.

STUMPP & WALTER CO., 50 Barclay Street, NEW YORK.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

INDISCRIMINATE small lots of sweet corn are offered at low rates.

THE weather of the past week has been ideal, at Chicago, for onion set seeding and the work is progressing rapidly.

CONTRACTING for seed beans is easier just now and it looks as though the growers will get what acreage they need.

THE Home Gardening Association at Cleveland, O., has distributed 171,812 packets of flower seeds to school children.

EARLY in the season there was a shortage of the genuine Carlson aster seed, but moderate quantities are now to be had.

CONTRACT pea planting has been kept back so much this season that it is sure to have more or less of a bad effect on the harvest.

FRANK E. RUE, formerly with Peter Henderson & Co., New York, is now in charge of J. C. Murray's seed store at Peoria, Ill.

ROCHESTER, N. Y.—Spring here is the most backward in years, no chance for planting, the outlook very discouraging, trade slow.

THE free seed distribution which began last fall has been completed. About 37,000,000 packages were sent out by the government.

B. T. HOYT, superintendent of the Hoyt Plant and Seed Co., St. Paul, was married April 7 to Miss Corinnie Bray, of Pentwater, Mich.

THROUGHOUT the middle west planting has begun in earnest. The effect is shown in the increased "fill in" orders that are being received at the jobbing centers.

ONE of the largest jobbers of onion sets is so well cleaned up that the retail department even sold its last pint, something which has not happened in years.

FROM Germany, France and England come reports of business falling short of anticipations from one cause or another, with the result that there is a surplus on a number of items.

VERY heavy quantities of tomatoes have been coming from southern Florida for some weeks. One Clyde Line steamer landed 12,000 crates at New York on one trip about April 1. The tomato section lies between Miami and Fort Lauderdale, with Boynton and Delray as heavy shipping points. At Cutler Peters Bros. have 350 acres in tomatoes and Easterling Bros. have 175 acres.

Lawn Grass Seed in bulk and packages

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

WM. EWING & Co., seed dealers of Montreal, Que., recently suffered $2,000 loss by fire in their warehouse. The fire was confined to the lower floor, and the damage was covered by insurance.

W. H. SMALL & Co., of Evansville, Ind., have recently bought ground, 100x150 feet, on the principal wholesale street, with side track facilities, and during the summer will erect a four-story seed warehouse.

A. S. BEGG entered peas at the port of Port Huron, Mich., and the appraiser classed them as dutiable as seed peas. Begg protested, claiming that they were dutiable as dried peas, but the general appraisers overruled.

REPORTS in general for the week indicate that local trade with most of the retailers is much improved, and the weather and soil conditions favorable for a rush season of a week or two. They all say that it is rather late in coming, however.

CORN TO PLANT.

The question as to whether tips and butts of field corn should be discarded when shelling for seed purposes is likely to come up again. The corn breeders' associations throughout the west recommend the planting of the grains from the cob after the tip and butt grains have been taken off. Seedsmen hold that this recommendation is made simply for the reason that evener planting results from grains of equal size and not because of any superior producing quality inherent in such grains. It seems, however, that some of the farmers believe that a better and more uniform crop comes from such grains, and contend that this is the theory of the corn breeders. Information from practical corn growers upon this point would be a good thing.

AN EVERBEARING RHUBARB.

The Everbearing Crimson Winter rhubarb is one of the most valuable plants that has been introdueed in this country. It is a precocious plant, bearing stems for cutting in nine months from seed, after which it is literally everbearing, not requiring any season of rest. It can be transplanted at any time and immediately begins growing. The stems are a beautiful crimson color, lacking the coarse fiber of the old variety, so that it can be prepared for cooking without stringing.

It requires about half as much sugar as is usual for seasoning, and the flavor is as delicate as that of strawberries. When cut and dropped into boiling water, already sweetened, and slowly simmered till tender, it makes a beautiful dish, as tempting and as delicious as strawberries and almost as handsome. It has a clear, transparent, rich, pink syrup, with the soft reddish unbroken squares of the pulp, and one is not satisfied with one dish, but finds himself, like Oliver Twist, asking for "more."

People who have never cared for rhubarb, generally, are delighted with this dainty and delicious new variety that can be brought into market in September and October and continued all through the winter and spring months when other fruit is scarce.

We have grown it now for two years and are more and more enthusiastic in our appreciations of its merits and its great value commercially. Luther Burbank introduced it in 1901, offering plants at $1.50 each. We quote from him: "For growing in California or the southern states, for shipping north or east it promises to be more profitable than anything the soil produces. Its fixed habit of winter growth makes it especially adapted for growing in greenhouses and under glass."

T. B. SHEPHERD.

"GUARANTEED" VARIETIES.

Assistant Postmaster Rogers has a large quantity of government garden seeds for free distribution. He has given out a great quantity, and has more for those who apply. The county commissioners had a lot of packages of seed left over from the flood contribution and they have been given out. Mr. Rogers' garden seeds are the guaranteed government varieties.—Topeka, Kans., Journal.

SEEDS IN THE PHILIPPINES.

Nearly 22,000 packages of assorted seeds have been distributed, reaching almost every province in the archipelago. These have included 137 varieties of American grown field and garden seeds, and it is pointed out that the requests have come largely from native farmers. It has been clearly demonstrated that many garden vegetables of American origin may be grown to perfection in the islands. A number of native fruits and vegetables are thought to be promising and worthy of experiment to determine the cost of culture, possibility of improvement by selection, etc.

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

ANNOUNCEMENT.

GHENT, Belgium, April 15, 1904.

Messrs. Clucas & Boddington Co., my former agents, not having sent me the azalea and other orders booked by them for my account for autumn delivery, I have cancelled my contract with them.

I have appointed as my **sole agent for United States and Canada**

ARTHUR T. BODDINGTON, 35 Warren Street, NEW YORK.

I request that any orders intended for me be forwarded to Mr. Arthur T. Boddington without delay.

EDW. PYNAERT VAN GEERT,

Growers and Exporters, Azaleas, Palms, etc. GHENT, BELGIUM.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote

Lilium Harrisii
Lilium Longiflorum
Dutch Hyacinths

and other Bulbs for florists. Send for prices, stating kinds and quantities required.

Asparagus Plumosus Nanus,

$1.00 per 100; $7.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.

Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.

Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

LILY of the VALLEY

Finest Pips from Cold Storage.

Per 100	$1.50
Per 1000	13.00
Per case of 2,500	30.00

H. N. BRUNS, 1409 WEST MADISON ST. CHICAGO, ILL.

Mention The Review when you write.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

CLEARING SALE

SUMMER FLOWERING BULBS

AN EXCEPTIONAL OFFER of HIGH GRADE BULBS

Tuberous Rooted BEGONIAS—Splendid Bulbs.

Single, white, red, yellow, crimson and scarlet	Per doz., 30c	Per 100, $2.00	Per 1000, $18.00
Double, white, red, yellow, crimson and scarlet	" 50c	" 3.75	" 35.00

CYCAS REVOLUTA—Sago Palm Stems.

Long-leaved variety.....Per lb., 12c; 10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $7.00
Stems range in weight from 1 lb. to 10 lbs. Special quotation on case lots of 300 lbs.

GLOXINIAS.

Splendid mixed, all colors	Per doz., 30c	Per 100, $2.25	Per 1000, $20.00
Giant Flowering, red, pink, blue, spotted and white	" 50c	" 3.50	" 33.00
LILIUM SPEC. RUBRUM—8-9 (160 to case)	" 75c	" 5.50	
SPOTTED CALLAS—Fine bulbs	" 30c	" 1.75	" 15.00

JAPANESE FERN BALLS.

Large size, 7-9 inches	Each, 25c	Per doz., $2.50	Per 100, $18.00
Second size, 5 inches	" 15c	" 1.60	" 13.00

See our Offer of Gladioli and Peonies in last Week's Review.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

SEEDS WORTH SOWING.

MICHELL'S STRAIN of Primula Seed is recognized as the very best in the market to-day. It can be relied upon with absolute confidence, both as to quality and freshness.

Primula Chinensis, alba magnifica, white; Holborn Blue; Kermesina Splendens, crimson; Rosy Morn, pink; Fern Leaved, mixed colors, 60c half trade pkt.; $1.00 trade pkt.

Michell's Double White and Double Mixed, Michell's choicest European Mixture, same price as above; also 1-16 oz., $2.00. Stellata (Sutton's Star), original packet, $1.25.

Primula Obconica grandiflora, fimbriata, white, 1-16 oz., $1.00; trade packet, 50c.

Kermesina, red, 40c trade packet. Rosea, pink, white, hybrida, mixed, 30c trade packet.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA.

Mention The Review when you write.

CUSHMAN'S HYBRID 1904 GLADIOLUS BULBS

AT PRACTICAL LIVING PRICES

Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture

CUSHMAN GLADIOLUS CO., SYLVANIA, O.

Burpee's Seeds Grow

Samuel S. Pennock, WHOLESALE FLORIST

SPECIAL RIBBONS for Weddings and Commencements.

WILD SMILAX.

SUPPLIES OF ALL KINDS.

1612 {Ludlow Street, PHILADELPHIA.

Mention The Review when you write.

KALAMAZOO, MICH.

On the evening of May 2 the members of the trade in this city gave a farewell reception at the Kalamazoo House to J. J. Curran, formerly superintendent of the establishment of G. Van Bochove & Bro., who resigned April 30 and has removed to Elmira, N. Y., to become superintendent of the new establishment of the United States Cut Flower Co., which is building 100,000 feet of glass there this spring. It was a very pleasant session and the send off given Mr. Curran attested the high regard in which he is held by the craft here. He will be succeeded as foreman at Van Bochoves' by Wm. Van Peenen, who has been with the firm for twelve years. John Westveer who has been with the Dunkley Floral Co. for seventeen years, has resigned to take a position with the Van Boehoves.

Samuel Batson is building a fine addition to his dwelling.

SPRINGFIELD, OHIO.

While Springfield is already known throughout the world as one of the largest rose-growing cities in the United States, at the plant of the Good & Reese Company and has many large greenhouses, it is destined within a short time to become more of a florists' center than ever.

C. C. Leedle and others are building large greenhouses in West State street, at the intersection of Plum street, and Charles Kriegbaum and Lewis Campbell are building eight new greenhouses in South Limestone street, near the corporation line. The Good & Reese Company is constructing large additions to its big plant in order to secure room for its greatly increased business.

St. Paul, Minn.—Dr. R. Schiffmann, the orchid grower, has just returned from his third trip to the Philippines with what he considers the finest lot of phalaenopsis which has ever reached the United States.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—At once, a single man for private place near Chicago for vegetable and lawn work; also assist in greenhouses. Address No. **127**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, single; 12 years practical experience in England, Germany and this country; private or commercial; please state wages and particulars. Address No. **128**, care Florists' Review Chicago.

WANTED—A good, reliable florist who can grow cut flowers and bedding plants. Address Converse Greenhouses, Webster, Mass.

WANTED—Position on a first-class commercial place by young married man. Address No. **129**, care Florists' Review, Chicago.

SITUATION WANTED—By young man as designer; has small business of his own at present; 20 years' experience. Address Paul Stein, 177 W. Kinney Street, Newark, N. J.

WANTED—A good grower for Beauty section; also a good man for carnation section. Inquire at E. Buettner's, Park Ridge, Ill.

WANTED—Gardener on well equipped private place; one who is competent both in the greenhouses and garden; permanent place; address, stating wages wanted without board or lodging, L. Burrows, Decatur, Ill.

WANTED—Man experienced in roses, carnations, mums and a general line of plants, to take charge of 5000 feet of glass; married man preferred; for particulars address No. **123**, care Florists' Review, Chicago.

WANTED—A practical carnation grower at once; reference; good wages and steady employment to good man. M. Welland, 1917 Maple Avenue, Evanston, Ill.

FOR SALE—Greenhouse sash, rafters, glass, 2-inch and 4-inch iron pipe and Palace King boiler. E. E. Arthur, Lowville, N. Y.

FOR SALE—On account of poor health and old age, will dispose of my plant consisting of two houses 100x20; one, 10x100; double thick glass; hot water heat; all in good order; directly on steam and trolley roads; with or without stock; 35 miles west of Philadelphia on Baltimore Central railroad; price $2,200, easy terms. For particulars call on or address, prior to May 15, as if not sold by that time will be for rent, H. P. Owen, Central Valley Greenhouses, Toughkenamon, Pa.

WANTED—At once a real live, all around young man, to make himself generally useful in a retail place; long experience not necessary; wages $9.00 per week. Apply to F. J. Fillmore, 4232 Nebraska Ave., St. Louis, Mo.

FOR SALE—One 20-horse power tubular boiler in prime condition. Address C. L. Van Meter, Monticello, Ia.

WANTED—Rose growers; two very desirable positions open for reliable and competent men. Address South Park Floral Co., New Castle, Ind.

WANTED—A good man, single preferred, for carnations, roses and general stock, to work under foreman; state wages and references. Address Washington Floral Co., 85 South Main, Washington, Pa.

SITUATION WANTED—An eastern rose grower would like position as foreman or manager of western establishment of 75,000 feet or more, making a specialty of growing roses for cut flowers. Address No. **126**, care Florists' Review, Chicago.

WANTED—An all around florist to grow roses, carnations, mums and general greenhouse stock; must be reliable and temperate; good place for the right man; reference required. Address No. **125**, care Florists' Review, Chicago.

WANTED—Lady or gentleman assistant in first-class flower store; must be good sales person. Albert Fuchs, 2059 N. Halsted St., Chicago.

WANTED—An A1 rose and carnation grower and propagator of hardy shrubs for catalogue business. Address J. F. Van Leuven, Brighton, Mich.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered. Address No. **119**, care Florists' Review, Chicago.

WANTED—A man who thoroughly understands burning flower pots, competent to take full charge, or willing to go into the business. Apply to D. Rusconi, 32 West 6th street, Cincinnati, Ohio.

SITUATION WANTED—To take charge of cut flower growing plant; Chicago or the west preferred; or would take charge of good section; state wages; retail growers please do not reply. Address Wm. Kirkham, 154 South Clark Street, Chicago Hotel, Chicago, Ill.

WANTED—A florist; good pay and good treatment. Address No. **117**, care Florists' Review, Chicago.

SITUATION WANTED—By a thorough practical man as manager or foreman on place where first-class roses and carnations are in demand; has complete knowledge of general line of plants, also vegetables; now foreman on a large place in one of the Middle States; state salary and full particulars in first letter; married, no children. Address No. **122**, care Florists' Review, Chicago.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

WANTED—We have an opening for a capable rose grower for tea section. Poehlmann Bros. Company, Morton Grove, Ill.

WANTED—At once, a reliable florist to take full charge of 15,000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 220 Madison St., Ottawa, Ill.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

FOR SALE—An elegant greenhouse plant of 40,000 square feet of glass; 2 acres; must sell; have other business; write for particulars. Address No. **106**, care Florists' Review, Chicago.

FOR SALE—A flower, seed and nursery business in a city of 100,000 inhabitants; good location; purchaser will have his money returned in a short time out of a good trade from a business established twenty years; reason for selling, owner has another business and cannot attend to two. Address J. Seulberger, 414 Fourteenth St., Oakland, California.

FOR SALE—New duplicating sales ticket machine; most approved pattern. For full particulars, address No. **110**, care Florists' Review, Chicago.

FOR SALE—Hot-air pumping engine; safest machine made; used by many florists. For full particulars as to capacity and price, forward your address to No. **111**, care Florists' Review, Chicago.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

Position Wanted

By a reliable grower of 15 years' experience (wholesale and retail) to take charge of the growing end of a retail place where good roses, carnations and general line of stock is wanted; strictly sober; single.

Address G. E. B., Hotel Scott,
316 W. Main Street, Peru, Ind.

FOR SALE.

PROSPEROUS RETAIL STORE on South Side of Chicago.

Established 10 years; doing high class trade; no glass; considerable nursery business; reasonable rent; reason for selling, poor health; stock, fixtures and good will cheap for cash.

Address No. **130**, care Florists' Review, Chicago.

LEO NIESSEN. Beauties, Valley
New Crop Dagger Ferns, $2.00 per 1,000

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

Charles F. Edgar & Co.
THE FINEST Kaiserins, Brides AND CARNATIONS

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

CARNATIONS, ROSES, SWEET PEAS. **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

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1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

EDWARD REID,

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EVERY VARIETY OF SEASONABLE SPRING FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8 p. m. Long Distance Phone.

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Peter Reinberg

51 Wabash Ave., CHICAGO.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30-in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100	
CHATENAY, extra select	$ 8.00 to	$10.00
" medium	4.00 to	6.00
LIBERTY, extra select	8.00 to	10.00
" medium	4.00 to	6.00
SUNRISE, extra select	8.00	
" medium	4.00 to	6.00
BRIDE	5.00 to	8.00
BRIDESMAID	5.00 to	8.00
GOLDEN GATE	5.00 to	8.00
PERLE	5.00 to	8.00
CARNATIONS	2.00 to	3.00
ROSES, OUR SELECTION		4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & O. on orders over $5.00.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, May 4.

	Per doz.	
Beauties, Specials	$2.00 to	$3.00
" Extra	1.50 to	2.00
" No. 1	1.00 to	1.25
" Shorts		.75
Queen of Edgely, Extra	2.00 to	2.50
" " No. 2	1.00 to	1.50
" " Shorts		.75

	Per 100	
Bride and Bridesmaid, Specials	5.00 to	8.00
" " Extra	2.00 to	4.00
Golden Gate, Firsts	5.00 to	8.00
" Seconds	2.00 to	4.00
Kaiserin, Firsts	5.00 to	8.00
" Seconds	2.00 to	4.00
Liberty, Firsts	8.00 to	15.00
" Seconds	3.00 to	6.00
Meteor, Firsts	4.00 to	6.00
" Seconds	2.00 to	3.00
Perle	2.00 to	4.00
Sunrise	2.00 to	6.00
Carnations, Commons	1.00 to	1.50
" Fancies	2.00 to	2.50
" Mrs. Lawson	2.50 to	3.00
" Prosperity	4.00 to	5.00
" Enchantress	4.00 to	5.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	35.00 to	50.00
Callas	6.00 to	10.00
Daffodils		3.00
Daisies		.50
Lilium Longiflorum	5.00 to	8.00
Lily of the Valley	3.00 to	4.00
Mignonette	1.00 to	2.00
Pansies, per bunch	.02 to	.03
Smilax	12.00 to	15.00
Sweet Peas	.50 to	1.00
Snapdragons	2.00 to	4.00
Gardenias	5.00 to	12.00

FINDLAY, O.—S. J. McMichael says that it has been not only a hard, but a prolonged winter, and little spring work has yet been undertaken.

SALEM, O.—Harry T. Miller, who has for some time been with J. J. Lamborn, at Alliance, O., has bought the greenhouses and business of Jos. E. Bonsall and will take possession June 1.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Valley, Sweet Peas.

1432 South Penn Square, Philadelphia.

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BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants

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Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

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Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. Tel. 3860, 3861 Madison Square.

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55-57 W. 26th St. NEW YORK CITY. SHIPPING ON COMMISSION. Telephone 756 Madison Square

ESTABLISHED 1891.

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53 West 28th Street, Tel. 1239 Madison Square. NEW YORK.

Consignments Solicited. Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

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The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**

My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

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Receiving Extra Quality American Beauties and all other varieties of Roses. Telephone 902 Madison Square. Carnations

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OPEN ALL DAY.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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SLINN & HUGHES

WHOLESALE FLORISTS

Coogan Bldg., 55-57 W. 26th St., Telephone 3864 Madison Sq. NEW YORK

Our leading specialties: ROSES, CARNATIONS, VIOLETS. The best the market affords.

Shipping orders receive prompt attention.

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VIOLETS our specialty.

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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, May 2.

	Per 100
Beauties, Specials	$ 8.00 to $12.00
" Extra	5.00 to 6.00
" No. 1	3.00 to 5.00
" Shorts	1.00 to 2.00
Brides and Maids, Specials	4.00 to 5.00
" " Extra	3.00 to 4.00
" " No. 1	1.50 to 2.00
" " No. 2	.50 to 1.00
Golden Gate	2.00 to 6.00
Liberty	3.00 to 20.00
Meteor	1.00 to 4.00
Ulrich Brunner	3.00 to 20.00
Orchids, Cattleyas	40.00 to 50.00
Carnations, Common	.50 to .75
" Selects	1.00 to 1.50
" Fancies	1.50 to 2.00
" Novelties	2.50 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, sprays, bch.	.15 to .25
Callas	4.00 to 5.00
Daisies	1.00 to 2.00
Gladiolus	10.00 to 12.00
Lilac per bunch,	.50 to 1.00
Lilium Harrisii	3.00 to 5.00
Lily of the Valley	2.00 to 3.00
Mignonette	.50 to 3.00
Pansies per bunch	.01 to .03
Smilax	6.00 to 15.00
Stocks per bunch	.10 to .20
Snapdragon " "	.15 to .20
Sweet Peas	.25 to 1.00
Tulips	1.00 to 2.00
Violets	.10 to .40

SUMMIT, N. J.—Paul Orlin has begun action to collect $282 back wages, alleged to be due from Cotes Bros., florists and nurserymen.

N. LECAKES & CO.

45 West 29th St., NEW YORK

Tel. No. 1214 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 5th Street Cut Flower Market.

—SPECIALTIES—

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Mention The Review when you write.

JOHN YOUNG

51 W. 28th St., NEW YORK.

Tel. 1905 Madison Square.

ORCHIDS CATTLEYA TRIANÆ and all other choice orchids in season.

Everything in Cut Flowers—the best in the market

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YOUNG & NUGENT,

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42 West 28th Street, Telephone 2065 Madison Sq. NEW YORK.

Cattleyas, Gardenias, Violets, Roses, Carnations and all seasonable novelties. We are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

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GENERAL MANAGER JOSEPH A. MILLANG 55-57 W. 26TH ST.

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VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices

ALFRED H. LANGJAHR,

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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.

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122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

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Galax Leaves and all Decorative Greens.

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Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

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ESTABLISHED 1872.

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WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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Violets and Carnations our specialties. Telephone No. 299 Madison Sq.

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QUEENS, - L. I., N. Y.

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EDWARD McK. WHITING, Vice-Pres. and Counsel.
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56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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The Florists' Manual

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If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, May 4.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Specials	8.00 to 10.00
" " " Extra	5.00 to 6.00
" " " No. 1	3.00 to 4.00
" " " No. 2	1.50 to 2.00
Cusin	2.00 to 4.00
Golden Gate	3.00 to 5.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 10.00
Carnations, Common	.50 to .75
" Selects	1.00 to 2.00
" Fancies	2.00 to 3.00
" Novelties	4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	25.00 to 30.00
" " sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 4.00
Callas	6.00 to 8.00
Daffodils	1.00 to 2.00
Daisies	.50 to 2.00
Gladiolus	6.00 to 10.00
Hyacinths	1.00 to 2.00
Lilac, per bunch,	1.50
Lilium Longiflorum	3.00 to 8.00
Lily of the Valley	3.00 to 4.00
Mignonette	.75 to 3.00
Narcissus	1.00 to 3.00
Pansies	.25 to .50
Smilax	15.00 to 25.00
Candytuft	1.50 to 2.00
Sweet Peas	.25 to 1.25
Tulips	1.00 to 3.00
Violets	.50 to .75
Yellow and Purple Iris	6.00 to 8.00

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSWEENEY.

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CARNATION

HOW TO GROW IT.
FULLY ILLUSTRATED.

By C. W. WARD.

A PRACTICAL work on Carnation growing; complete in every particular, including the full calendar of operations for the year, with chapters on Soils, Fertilizers, Insects, Diseases, Heating. Each and every phase of commercial Carnation culture treated clearly and comprehensively. The book contains 290 large pages, finely printed. It should be in the hands of every grower.

Sent carriage paid on receipt of $3.50.

Florists' Publishing Company, Caxton Bldg, Chicago.

TOP GRADE FOR SHIPPING.

AMERICAN BEAUTY, BRIDESMAID, BRIDE, LIBERTY, METEOR, LILY OF THE VALLEY, CARNATIONS.

JOHN I. RAYNOR,

49 West 28th St., NEW YORK.

Telephone 1998 Madison Square.

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

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AND CUT FLOWER EXCHANGE,
38 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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111 W. 30th Street, NEW YORK.

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The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

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CUT ROSES Direct from the... GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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HOLTON & HUNKEL CO.

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MILWAUKEE, -- WIS.

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(Where Quality is First Consideration.) Write, Wire or Phone the Introducers.

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or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

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Commercial Violet Culture.

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This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

Wholesale Cut Flower Prices.

Chicago, May 4

		Per doz.
Beauties, 36-inch stems		$4.00
" 30 "		3.00
" 24 "		2.50
" 20 "		2.00
" 15 "		1.50
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$6.00 to	$ 8.00
" Firsts	3.00 to	5.00
Brides, Specials	6.00 to	8.00
" Firsts	3.00 to	5.00
Liberty, Specials	8.00 to	10.00
" Firsts	4.00 to	6.00
Golden Gate, Firsts	6.00 to	8.00
" Seconds	3.00 to	5.00
Meteor, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Mme. Chatenay, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Ivory, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Sunrise, Firsts		8.00
" Seconds	3.00 to	6.00
Perles, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
La France	6.00 to	8.00
Kaiserin	6.00 to	8.00
Carnations, Fancy		3.00
" Common	1.00 to	2.00
Violets	.50 to	1.00
Arbutus	doz. bunches 1.25 to	1.75
Mignonette	doz. .50 to	.75
Poets Narcissus		1.00
Sweet Peas	.50 to	1.50
Easter lilies, $1.00 to $1.50 per doz.		
Callas, $1.25 per doz.		
Valley	2.00 to	4.00
Asparagus strings	40.00 to	50.00
" sprays per bunch	.35 to	.50
" sprengeri	3.00 to	8.00
Smilax per dozen		2.50
Galax per 1000		1.25
Ferns per 1000	3.00 to	4.50

QUICK RETURNS.

We find it only takes a short time to get returns from advertising in your valuable paper. We have more orders than we can fill.—C. B. Flick Floral Co., Fort Wayne, Ind.

Elmira N. Y.—William Algie, president of the United States Cut Flower Co., who has been in the city for the past month, left the last of the week for his home in Alton, Can.

Binghamton, N. Y.—On April 26 fire from a defective flue did $200 damage at the greenhouse of A. E. Fancher.

That was a grand hit, that adv. I had in the Easter number of the Review; it was a drawing card, sure.—H. J. Smith, Hinsdale, Mass.

"The more we advertise in the Review the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—Wm. Bierstadt & Son, Springfield, Ill.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

Chas. W. McKellar,
WHOLESALE COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING
Specialties in Cut Flowers.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of....Cut Flowers.
Special attention given to Hardy Cut FERNS.
51 Wabash Avenue, CHICAGO, ILL.
Room 218. Telephone Central 3284.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Lily of the Valley
of good quality always on hand.
AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Orange Blossoms, Sweet Peas.

A full line of Spring Flowers.

WRITE FOR PRICES TO

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List.

Wholesale Cut Flower Prices.

Cincinnati, May 4.

	Per 100
Beauties, Specials	$30.00
" Extra	$20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Specials	7.00
" " Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 6.00
Golden Gate	2.00 to 7.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Perle	2.00 to 5.00
Sunrise	2.00 to 5.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	50.00 to 60.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	6.00 to 10.00
Daffodils	2.00 to 3.00
Hyacinths	2.00 to 4.00
Lilium Longiflorum	8.00 to 10.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 3.00
Smilax	15.00 to 20.00
Stocks	2.00 to 4.00
Sweet Peas	.35 to 1.00
Tulips	2.00 to 3.00
Violets	.35 to .50

WHO SAID SO, INDEED!

ED. REVIEW:—Please discontinue my Smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the REVIEW don't pay? It could only be the one who never tried them.

HARVEY B. SNOW.

Camden, N. Y., April 14, 1904.

ATLANTIC CITY, N. J.—D. B. Edwards is an expert pool player as well as florist and has challenged the local champion to a match game for the premiership.

BROOKFIELD, Mo.—W. T. Stephens & Co. announce in the local papers that the Rose Hill Greenhouses will hereafter be closed to visitors after 10 a. m. on Sundays.

NEW CASTLE, IND.—The South Park Floral Co., Heller Bros., has decided on its season's addition. It will be one house 50 x 265 and two houses 30 x 265, all for American Beauties.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX Brilliant Bronze or Green, $1.00 per 1000; 75c per 1000 in 5000 lots or over. **Southern Smilax**—Per 50 lb. case, $6.00; per 25 lb. case, $3.50. **Leucothoe Sprays**—Green, $1.00 per 100; $7.50 per 1000. **Green Sheet Moss**—$2.50 per bbl. sack. **Dagger Ferns**—$1.25 per 1000.

All Kinds Florists' Supplies.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. New York

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980 M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 4.

	Per doz
Beauties, Specials	$3.00 to $4.00
" Extra	1.50 to 2.00
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Carnot	6.00 to 8.00
Golden Gate	6.00 to 8.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 6.00
Meteor	3.00 to 5.00
Perle	2.00 to 3.00
Sunrise	2.00 to 3.00
Carnations, Common	1.50 to 2.00
" Selects	3.00 to 4.00
" Fancies	4.00 to 5.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	8.00 to 10.00
Daffodils	3.00 to 4.00
Hyacinths	2.00 to 4.00
Lilium Longiflorum	8.00 to 15.00
Lily of the Valley	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	15.00 to 18.00
Sweet Peas	.50 to 1.00
Tulips	1.00 to 3.00
Violets	.25 to .40

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL

BY WILLIAM SCOTT.

A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.

Always mention the Florists' Review when writing advertisers.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE

Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.

Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

Long distance phone, Evanston 56.

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,

Tel. 192 Riverside,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,

522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.

Long Distance Phone 2478.

Cincinnati, Ohio

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

HUGH GRAHAM, PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the North-west will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

A. WIEGAND & SONS, FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

MEMORIAL DAY ...WILL... SOON BE HERE

CYCAS LEAVES and WREATHS,
Of Finest Quality.
RUSCUS WREATH, A Soft Green, like Smilax
METALLIC and FRENCH BEADED **WREATHS,**
Artistic and Appropriate.

WE OFFER

WHEAT SHEAVES,
FRESH CAPE FLOWERS,
IMMORTELLES
Of Every Color; indispensable for this occasion.

There are Many Other Things, for which we refer you to the CATALOGUE of the LARGEST SUPPLY HOUSE IN AMERICA, which is

H. BAYERSDORFER & CO., 50-56 NORTH 4TH STREET PHILADELPHIA, PA.

PLACE YOUR ORDERS

FOR NOW AND MEMORIAL DAY

New Crop Dagger Ferns, A No. 1 Stock, $2.00 per 1000

Discount on large orders. We have the Best and Largest **DAGGER FERNS** in the country, and we are now in a position to fill any size order at very short notice. We carry the Finest and Most Complete Stock of Florists' Hardy Supplies.

Bronze and Green Galax, best quality, $1 per 1000
Bouquet Green, best quality.....5c per lb.
Bunch Laurel, large bunch.....50c
Green Moss.....$1.00 per bbl., 75c per bag
Laurel Festooning, good and full, 5c and 6c per yd.
Leucothos Sprays.....$1.00 per 100

☞Place any size order with us and you are sure to obtain the Best and Finest Stock, promptly delivered. Orders by mail, telephone or telegraph will receive our prompt and personal attention.

HENRY M. ROBINSON & CO. L. D. TEL. 2618 MAIN 11 Province St. BOSTON.

WORLD'S FAIR ROSE SHOW.

There will be an exhibition of cut roses at the St. Louis World's Fair May 24 to 25. Medals and certificates will be awarded. The entries must be received by the superintendent not later than May 18. Following are the classes:

Vase of 25 blooms The Bride.
Vase of 25 blooms Bridesmaid.
Vase of 25 blooms Souvenir de Wootton.
Vase of 25 blooms Meteor.
Vase of 25 blooms Golden Gate.
Vase of 25 blooms Liberty.
Vase of 25 blooms Kaiserin.
Vase of 25 blooms American Beauty.
Vase of 25 blooms Madame Testout.
Vase of 25 blooms Dorothea.
Vase of 25 blooms La France.
Vase of 25 blooms Perle.
Exhibit of varieties introduced in 1900 and 1901.
General display of tea and hybrid tea varieties.
General display of Noisette and tender climbing varieties.

THE READERS' CORNER.

Treatment for Tender Stock.

Apropos of your correspondent's trouble with coleus dying and Mr. Scott's reply that insufficient heat might be the cause, I would like to say that it is very easy for men with large, well equipped plants to regulate heat to the requirements of the various houses, but for men like me, small country plantsmen doing a local retail business in popular plants, a great variety with no great quantity of any one thing, it is a difficult matter to keep the temperature high enough for coleus and low enough for geraniums. Much may be done, however, with a little thoughtfulness. As we slack up on firing and the temperature falls to 50 degrees or lower at night, to pot off coleus, seedling salvias, etc., in a thoughtless manner, cold soil, cold pots and cold water, and expose them to full sun or cool draughts, means death to many of them. But warm the soil, pot them when the house is warm, in pots both moist and warm, water them lightly with decidedly warm water, cover them with paper and keep them covered night and day for about a week, when root action will have started, and the plants will be safe. They will not grow very fast but will make short-jointed stocky plants, large enough at the planting time if the man with the hose has brains. The same treatment for egg plants and peppers works well. This is not mere theory. I formerly lost at least half of my cuttings and tender seedlings; now I lose none. J. THORNILEY.

OBITUARY.

John Kunzler.

At Rockford, Ill., April 24, John Kunzler died at the age of 85 years, after a brief illness of pneumonia. He had been a resident of Rockford many years and during the active period of his life was engaged in the florists' business.

John H. Wade.

John H. Wade, of Evansville, Ind., died April 25 after a long illness. He located in Evansville in 1866 and was a florist, on Fulton avenue. Mrs. Wade survives.

Wm. E. Lanning.

At Waterloo, Ia., Wm. E. Lanning, the well-known nurseryman in the neighboring township of Spring Creek, died April 25 of typhoid fever. He was born at Spring Creek in 1858 and had lived there all his life.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Thomas Devoy & Son, Poughkeepsie, N. Y., submit for registration the zonale geranium, Telegraph, a seedling of 1900; parentage, E. G. Hill x The Wonder; flowers, single, two and one-half to three inches in diameter, deep orange-cerise, large and borne in immense compact clusters five to six and one-half inches across; foliage dark green with heavy zone; habit very robust; height two feet; a profuse blooming bedder.

WM. J. STEWART, Sec'y.

DEPRECIATION.

A gentleman named Varnum Frost, who hails from Middlesex County, Massachusetts, is quoted as follows in the Massachusetts Ploughman for April 16:

"No property is more subject to depreciation than old greenhouses. The land would often be worth more without them. The greenhouse men will yet come to grief. Drop greenhouses like hot potatoes."

That would look as though Mr. Frost had already encountered the grief which he predicts will eventuate for us all, but grief is the due portion of one who lets his greenhouses, or any other buildings, depreciate to the point where "the land would be worth more without them."

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

VISITED CHICAGO.—P. M. Koster, of Koster & Co., Boskoop, Holland.

THE Westchester, Pa., nurseries are rapidly approaching the end of the season and are letting off most of the indescriminate help employed during the rush.

THE call for hardy azaleas, rhododendrons and kalmias has been heavier than usual this season and large shipments have been made from the mountain districts of the south.

AT Albert Lea, Minn., O. M. Peterson and H. P. Olstad have established a nursery and planted nine acres of stock. Mr. Peterson has been with Clarence Wedge for several years.

THE nurseries dealing in decorative stock report a steady call for the trees and shrubs of odd foliage effect, the blood-leaved, variegated, etc., and those which show high autumnal colors.

MANY nurserymen are recommending the pin oak as the best tree for lawn or avenue planting where the conditions are not peculiarly unfavorable. Where it has been transplanted frequently in the nursery it is not difficult to establish.

THE United States Nursery Co., of Lula, Miss., is owned at Springfield, O. John M. Good, of the Good & Reese Co., being president. They are growing roses in large numbers, the soil and climate being especially adapted for the purpose. The manager is S. W. Crowell, who has recently been north and attended a dinner of the stockholders at Springfield, April 25.

ALL the nurseries in the vicinity of Boston report an exceptionally heavy spring demand. A large number of trees and shrubs were needed to replace stock killed by the severe winter. The cool weather has greatly assisted nurserymen in filling orders. Herbaceous perennials are also in strong demand. The call for California privet has dwindled, as the past two winters have cut this popular hedge plant to the ground. A good many are planting Ligustrum ibota in its place.

PEONIES.

I have a field of peonies which have been planted about eighteen years, and about half of them have never bloomed. I would like to ask, through the REVIEW, the advice of J. F. Rosenfield, the peony expert. A. S.

A few of the old varieties of peonies are shy bloomers, especially when planted in poor soil and not given enough room. Up-to-date propagators have discarded these poor bloomers. I should judge that A. S. has planted a mixed lot. If they were all of one variety they would all have flowers, unless very crowded. Peonies want plenty of room when cut flowers are wanted, especially for a permanent plantation of fifteen to twenty years. I would advise resetting the best roots next fall into well-prepared, rich soil, selecting only those that bloom this summer. If they are a strong-growing sort set them in rows five feet apart, with the plants three feet apart in the row. Early varieties, like officinalis, can be set in rows four feet apart, with the plants thirty inches apart, and give excellent results. If well cared for in this way they will all bloom finely for twenty years or more.

J. F. ROSENFIELD.

MOVING THE SALISBURIA.

I have just read an article on trees difficult to transplant by the venerable Mr. Scott, in which he places the beautiful maiden hair tree, or salisburia, as most difficult. Some years ago my attention was directed to a very large specimen that was roughly dug by house movers, presumably with an ax and crow bar; at least, the roots were nearly all cut off and the tree exposed to the trying weather of midsummer for a day or two before it was planted, a trying ordeal for any kind of tree, but it grew and is now quite a handsome tree. I am able to recall numerous instances where these trees have been planted, frequently under unfavorable conditions, as on school and public grounds, and I do not recall the failure of one of them. This seems very much at variance with Mr. Scott, but we value the tree very highly and wish it were more used in ornamental planting, particularly in place of the poorer trees of short duration, which are being so extensively used in the west. To any one who has seen the beautiful avenue of these salisburias near the horticultural buildings at Washington, they need no further recommendation.

EDWARD TEAS.

CLEMATIS

Dormant Vines, 5 in a lot, 75c a bunch.

JACKMANI, white and purple; DUCHESS EDINBURGH, double white; SIEBOLDI, intense blue; BARON VEILLARD, lilac rose; ROSAMUNDI, rose color; BATEMAN, white; NELLIE MOSES, white, red bars.

WM. ELLIOTT & SONS, -- NEW YORK.

Mention The Review when you write.

Hardy Roses

2-year-old bushes, all leading varieties, $11 per 100; $100 per 1000.

ASPARAGUS PLUMOSUS NANUS Seed, greenhouse grown, 75c per 100; $6.00 per 1000.

FRESH CYCAS STEMS, 1-6 lbs. each.... ....$8.00 per 100 lbs; 300 lbs. for $21.00.

Arthur T. Boddington, 35 Warren St., New York.

Mention The Review when you write.

CALIFORNIA PRIVET

			Per 1000
200,000	2 years,	2 to 2½ feet, very bushy	$20.00
150,000	2 "	18 to 24 ins., " "	16.00
100,000	2 "	12 to 18 " " "	10.00
200,000	1 year	12 to 18 " branched	9.00
200,000	1 "	10 to 12 " "	7.00
100,000	Cuttings,	8 ins., strong	.80
100,000	"	8 " light	.60

Also have 10,000 Canna Roots in ten leading varieties from 75c to $1.25 per 100. 2000 Double Grant Gersniums, from 2½-inch pots, $2.00 per 100. Write for trade list.

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

Pin Oaks, 10 to 12 feet, $1.00 each, $75.00 per 100.

LIGUSTRUM IBOTA.

Hardy Japan Privet, 4 to 5 feet, $10.00 per 100; $80.00 per 1000.

Ask for list of Trees and Shrubs.

SAMUEL C. MOON, Morrisville, Pa.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.

For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write.

Good, Clean, Seasonable Stock
AT CHEAP PRICES.

Alyssum, Little Gem, from 2-in. pots, $2.00 per 100
Ageratum, White Cap, " 2½-in. " 2.00 "
Achillea, The Pearl, " 2½-in. " 2.00 "
$18.00 per 1000.
Asparagus Sprengeri, 4-inch, $7.00 per 100.
Asparagus Plumosus Nanus, 2½-in., $3.00 per 100; $25.00 per 1000. 4-in., $8.00 per 100.
Abutilon, Souv. de Bonn and Eclipse, 2½-in., $2.00 per 100. Coleus, 15 fine sorts, 2-in., $2.00 per 100; $17.00 per 1000. Cannas, Austria, Pennsylvania, Black Prince, Chas. Henderson and Chicago, large, strong plants, from 2½-inch pots, $3.00 per 100.
Chrysanthemums, assorted, $2.00 per 100; $18.00 per 1000. Daisy, white and yellow, 2½-inch pots, $2.50 per 100; $20.00 per 1000.
Geraniums, scented, 2½-in., $2.50 per 100.
Heliotrope, Florence Nightingale, $2.50 per 100.
Hydrangea, Monstrosa, 2½-in., $4.00 per 100; $30.00 per 1000. Honeysuckles, Golden Leaved, Halliana and Chinese Evergreen, $2.00 per 100.
German (Parlor) Ivy, 2-inch, $2.00 per 100.
Lantanas, assorted, 2-inch, $2.00 per 100.
Rudbeckia (Golden Glow), 2½-inch, $2.00 per 100.
Salvia Splendens, 2½-inch, $2.50 per 100.
Violets, Princess of Wales, California, Luxonne, Swanley White and Lady Hume Campbell, nice, clean stock from 2½-inch pots, $2.00 per 100; $18.00 per 1000.
Vinca Variegated, 2½-inch, $2.00 per 100; $18.00 per 1000.
Verbenas, white, pink, scarlet, purple and mixed, 2½-inch, $2.00 per 100.
Good, strong stock from 2½-inch pots of the following named Roses:—Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Gloire de Polyantha, Mignonette, $2.50 per 100; $20.00 per 1000.
Ball of Snow, 2-year-old plants from 4-inch pots, $8.00 per 100.

The Springfield Floral Co., Springfield, Ohio

Mention The Review when you write.

Grafted Roses!

LIBERTY, BRIDESMAID, BRIDE and GOLDEN GATE

Only the very best English Manetti used, and plants are strong and vigorous, with abundant roots, ready now to ship or re-pot into 3½-in. pots.

Beauties on Own Roots.

ROBERT SIMPSON, Clifton, N. J.

Mention The Review when you write.

BOSTON FERNS—2½-inch	per 100,	$3.00
3½-inch	per 100,	7.00
From bench, ready for 4-in. pots	per 100,	8.00
Nep. Piersoni, for 3-inch pots	per 100,	5.00
Nep. Piersoni, for 5-inch pots	per doz.	4.00
Nep. Cordata, 2-inch	per 100,	3.00
CANNAS—F. Bismarck, Alemannia, F. Vaughan and Austria, from 3-in. pots	per 100,	5.00
Good mixed sorts, 3-inch	per 100,	4.00
Asparagus Plumosus Nanus, 2-inch	per 100,	3.00
Asparagus Sprengeri, 2-inch	per 100,	2.00
Trailing Lantana, 2½-inch	per 100,	3.00
Fuchsias, 5 sorts, 2½-inch	per 100,	2.50
Rose Geraniums, fine 3-inch	per 100,	5.00
Coleus, in 10 good sorts, 2-inch	per 100,	2.00
Per 1000		18.00
Begonias, in variety, 3 and 4-inch	per 100,	5.00
Begonias, in variety, 2½-inch	per 100,	3.00
Rubber Plants, 10 to 15 inches high	per doz.	3.00

A fine lot of Geraniums and Mums. Write for sizes and price. Above stock in good condition and sure to please. Cash or satisfactory reference.

GEO. L. MILLER CO., Newark, Ohio

Mention The Review when you write.

Cryptomeria Japonica (JAPAN CEDAR.)

The Novelty Decorative Pine, takes the place of the high-priced Araucaria Excelsa, strong stock from 2-in. pots, at $5.00 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias**, 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa**, 2-inch, strong, $2.25 per 100.

E. I. RAWLINGS, WHOLESALE FLORIST, **QUAKERTOWN, PA.**

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Always Mention the....
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When Writing Advertisers.

CARNATIONS, 2½-inch, extra fine stock.

Gov. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 per 100.
Prosperity, Roosevelt, Lorna, Higinbotham, Lawson, Mary Wood, White Cloud, Palmer, $3.00 per 100. Flora Hill, Joost, $2.50 per 100.

ROSES.

Maids, Brides, Gates.....$30.00 per 1000; $3.50 per 100.
Strictly No. 1 Stock.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C.....$25.00 per 100

Two-year-old rose bushes from benches, Beauties, Maids, Brides. Prices on application. Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**

Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,
MORTON GROVE, COOK CO., ILL.

Mention The Review when you write.

NEW ROSES CARDINAL and ENCHANTER

CARDINAL—A robust grower with massive red flowers, first class winter bloomer, perfectly hardy.

ENCHANTER—The most prolific winter bloomer, every shoot produces a flower of a beautiful Testout color; never gets off color.

Price of both varieties $30.00 per 100; $6.00 per dozen.
CASH WITH ORDER.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention The Review when you write.

Am. Beauties PLANTS FROM 2-INCH

40,000 ready; clean healthy, first-class in every respect: $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

Rooted Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	1000
Queen Louise,	$2.00	$15.00
Lillian Pond,	5.00	40.00
Flora Hill,	2.00	15.00
Mrs. T. Lawson,	2.50	20.00
Mrs. Joost,	2.00	15.00
Genev'e Lord,	$2.00	$15.00
Mrs. Bradt,	3.00	25.00
White Bradt,	6.00	50.00
MacRichmond,	1.50	12.00
Estelle,	3.00	

I. H. MOSS, Govanstown, **BALTIMORE, Md.**

Mention The Review when you write.

50,000 CARNATIONS FROM SOIL.

Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc. Let us figure on your wants.

Violet Stock—Write for prices. **Geraniums**—In flower, 4-in. pots, $6.00 per 100 without; $7.00 with. Also Kaiserin and La France roses for summer blooming.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

ROSES

We grow over **100,000 annually for the trade** of the following varieties:

No.	Variety.	R. C.	2x2½ in.	2½x3 in.	3x3 in.
1	Meteors	$1.50	$2.50	$3.50	$5.00
2	Brides	1.50	2.50	3.50	5.00
3	Maids	1.50	2.50	3.50	5.00
4	Ivory	1.50	2.50	3.50	5.00
5	Golden Gate	1.50	2.50	3.50	5.00
6	Perles	2.00	3.00	4.00	6.00
7	La France	2.00	3.00	4.00	6.00
8	Kaiserin	2.00	3.00	4.00	6.00
9	Wootton's	2.00	3.00	4.00	6.00
10	Belle Siebrecht	2.00	3.00	4.00	6.00
11	President Carnot	2.00	3.00	4.00	6.00
12	American Beauties	3.00	6.00	8.00	10.00
13	Liberty	5.00	6.00	8.00	10.00

Write—**GEO. A. KUHL, PEKIN, ILL.**

Mention The Review when you write.

FEVERFEW LITTLE GEM

R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100.
CASH WITH ORDER.

H. STAHLHUT, N. E. Cor. New Lots Road and Shepherd Ave., **BROOKLYN, N. Y.**

Mention The Review when you write.

CINCINNATI.

The Market.

It is pleasant to report that business is now moving along at a very lively gate. For the first time since Easter the demand looks to be in a healthy state. Every one seems to be sharing in the general stir and all are in the market early to get the first pick of stock.

Prices on all kinds of stock have advanced a good many points, and there are good prospects of their going still higher, all together there is a large supply of stock, but it does not last long. Beauties are perhaps in heavier demand than anything else, and they are eagerly sought after. Good roses of all kinds do not have to wait long for a buyer, and even the second and third grades are not long left waiting.

Carnations also are doing fine. Their keeping qualities are greatly improved now that we are having warmer weather, and the growers are giving them more air. They are of fine quality, too. Bulbous stock is also selling well, but at low prices. Lilies are good property. Valley is in good demand. Violets are almost played out, but what few come in find quick sale. Smilax is very scarce and there are scarcely any ferns at all. But Asparagus plumosus and Sprengeri are in better supply and most orders are being filled without much trouble.

Various Notes.

H. D. Edwards is busily engaged building a small conservatory back of his store, in which he will keep his stock of palms, ferns, etc.

Huntsman & Co. are raising a few seedling carnations, more as a recreation than anything else, but nevertheless they have several that are first-class. One white is especially good in all points.

J. W. Rodgers is about ready to begin work on a couple of new greenhouses. They will be 22 x 100 and will be used in growing carnations. Mr. Rodgers is now cutting some Lawsons that have remarkably long stems. In fact, all of his cut is of A1 quality.

One of McHugh's express wagons hit a telegraph pole in front of the store of Mrs. Garges, on Central avenue, and a box flew from the wagon and broke the large plate glass window.

C. J. Ohmer.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Balmoral Ave., CHICAGO.

For Summer Blooming.

25,000 MRS. FISCHER, $20 per 1000.

25,000 WILLIAM SCOTT, $15 per 1000.

Strong, healthy plants from soil. We guarantee satisfaction.

LEO NIESSEN,
1217 Arch St., Philadelphia.

American Beauties.

FINE STOCK, from 2½-inch pots, $5.00 per 100.

CUT ROSES of AMERICAN BEAUTY and all kinds of TEA ROSES at lowest prices.

Trial orders solicited.

HELLER BROS. (SOUTH PARK FLORAL CO.) New Castle, Ind.

Mention The Review when you write.

ROSE PLANTS Strong Stock from 2½-inch pots.

	Per 100	1000
UNCLE JOHN	$20.00	$150.00
Mme. Chatenay	6.00	50.00
Sunrise	5.00	40.00
AMERICAN BEAUTY	6.00	50.00
Liberty	$5.00	$40.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00
Sunrise (two years old)	$8.00	$70.00
Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal,** for next season.

Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

Mme. Chatenay

A superb pink rose, freer and stronger than Bridesmaid, easy to grow and an ideal shipper. Will cut 40 per cent. selects. See Chicago Cut Flower Quotations. Chatenay is selling for more than any other tea rose. Supply limited. Cash with orders. Fine, healthy stock, $6 00 per 100; $50.00 per 1000. Ready now.

EMIL GLAUBER, Montclair, Colo.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$6.00	$50.00
La France	4.00	35.00
Sunrise	5.00	40.00
Am. Beauty	6.00	50.00
Kaiserin	3.00	25.00
Liberty	5.00	40.00
Bride	3.00	25.00
Maid	3 00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

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Clean, Healthy, Strong

CARNATIONS.

From 2¼-inch pots.

We can supply the following varieties ready for the field or bench. **Will ship to reach you any date desired.**

Pink.	100	1000	White.	100	1000
Joost	$2 00	$20.00	Flora Hill	$2.00	$20.00
Marquis	2 25	22.50	Innocence	2 50	
Dorothy	2.50		Her Majesty	4.00	
			Glacier	2.50	25.00
Scarlet.			**Variegated.**		
Crane	$2.50	$25.00	Prosperity	2.00	20.00

CASH

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

SUMMER FLOWERING

CARNATIONS

Well established plants from soil. Vulcan, red, Mrs. Fisher, white, $2.00 per 100.

Carnations—Strong plants from soil. Enchantress, $6.00 per 100. Prosperity, $3.00 per 100. The following varieties at $2.00 per 100:—Queen Louise, Flora Hill, Boston Market, Wm. Scott, Joost, Crocker, Harlowarden.

CHRYSANTHEMUMS—All the best standard varieties from soil, $1.50 per 100.

C. EISELE, 11th and Jefferson Sts., PHILADELPHIA, PA.

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CARNATIONS.

Strong, healthy plants from soil, no stem-rot. On all orders from 10,000 plants and over three per cent. discount. Cash with order.

Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per hundred; $15.00 per thousand.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

Rooted Carnation Cuttings.

PINK.	100	1000
Mrs. Lawson	$1.75	$15.00
Mrs. Nelson	2.00	18.00
Guardian Angel	1.25	10.00
Dorothy	1.50	12.50
Mrs. Joost	1.25	10.00
WHITE.		
Flora Hill	$1.25	$10.00
White Cloud	1.25	10.00
Queen Louise	1.25	12.00

RED.	100	1000
G. H. Crane	$2.00	$18.00
America	2.00	18 00
Mrs. Palmer	2.00	18.00
LIGHT PINK.		
Higinbotham	2.00	18.00
VARIEGATED.		
Prosperity	2.00	18.00

ROSE PLANTS, 2-inch Pots.

Liberty	$5.00 per 100;	$45.00 per 1000	
Am. Beauty	5.00 "	45.00 "	
Bridesmaids	3.00 "	25.00 "	
Brides	$3.00 per 100;	$25.00 per 1000	
Perle	3.00 "	25.00 "	
Golden Gate	3 00 "	25.00 "	

Ivory ..... $3.00 per 100; $25.00 per 1000.

ROSE PLANTS, 3-inch Pots.

Perle ..... $1.00 per 100 $35.00 per 1000
Bride ..... $4 00 per 100 $35.00 per 1000
Bridesmaid ..... $1.00 per 100 $35.00 per 1000

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

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DAHLIAS—Pot Roots.

TEN GOLD MEDALS AWARDED IN 1903.

POT ROOTS FOR SHIPMENT AT ONCE. Every section, including the popular Cactus Dahlias, at $4.00 per 100, in 25 sorts. Better and newer kinds at $5.00 and $6.00 per 100. Postage $1.00 per 100 extra. Terms—cash with order.

TEMPTING BARGAINS. There is money in the kinds named below and we offer them post free for cash. This is the first time we have been enabled to offer post free, as this means of transit has only recently come into operation.

SPECIAL OFFER OF 12 CACTUS DAHLIAS, as follows: free by post for $1.20; 6 of each, free by post, $5.50; 12 of each, free by post $10.00; 100 of each, free by post, $80.00. Rosine, Artus, Floradora, Galliard, J. Weir Fife, J. W. Wilkinson, Lord Brassey, Mars, Mrs. H. J. Wright, Prince of Yellows and Vesta, also Jealousy.

NEW SEEDLING CACTUS DAHLIAS. One each of the following 12 distinct varieties, all new and certificated by the Dahlia Societies of England, free by post for $2.00; 6 of each, post free, $10 00; 12 of each, post free, $19.00. Aunt Chloe, C. G. Stredwick, Flamingo, Gabriel, Clio, Miss Grace Cooke, Mrs. J. P. Clarke, Mrs. A. F. Ferkins, Mrs. H. J. Jones, Mrs. Edward Mawley, Richard Dean and Sailor Prince.

CACTUS DAHLIAS FOR CUTTING. Floradora, maroon (Cactus), $11.25 per 100, free by post. Lord Brassey, pink (Cactus), $11.25 per 100, free by post. Prince of Yellows (Cactus), $11.25 per 100, free by post. Winsome, white (new), $1.25 each, free by post. Guiding Star, white (Pompon), $8.25 per 100, free by post. Terms—cash with order.

HOBBIES LIMITED, NORFOLK NURSERIES. Catalogue, 144 pp., free of charge. **DEREHAM, ENG.**

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

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Florists' Review

When Writing Advertisers.

CARNATIONS

ROOTED CUTTINGS

and plants from pots ready to plant in the field.

Lady Bountiful —and— **The Belle**

The two largest and most prolific white carnations for 1904.

Mrs. Patten, Judge Hinsdale, The President, $12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Mauvina, Neptune, Aureola and **Senorita.** Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties:

Apollo, $3.00 per 100; $25.00 per 1000.
Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

F. Dorner & Sons Co.

LA FAYETTE, IND.

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The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

HYDRANGEA HORTENSIS ROSEA

A STERLING NOVELTY

2¼-inch pots, ... $6.00 per dozen; $45.00 per hundred

For Immediate Delivery

Julius Roehrs, ..EXOTIC.. ..NURSERIES.. **Rutherford, N. J.**

WASHINGTON.

The question of licenses for florists having stands in the several city markets having been raised, A. Gude & Bro. applied for a ruling from the corporation counsel, who advises as follows:

"A person who sells flowers of his own raising in or around the several markets is a producer and should therefore not be required to procure a license so to do; and that a florist doing business in one of the markets should be required to procure a florists' license if he does not himself grow or raise the flowers which he sells, without regard to whether he already holds a florist's license authorizing him to deal in flowers at a designated place outside of the market, and that the tax of $5 provided for dealers of every description in the several markets does not apply to florists."

The condition of the market is very good, considering such a short while after Easter. Funeral work is deserving of special mention and all the stores have a good share of this kind of business. Carnations are in good demand, good stock bringing from 75 cents to $1.50 per dozen. Roses are also moving along at a good gait. Kaiserins, Bridesmaids, Carnots and Brides range about $1.50 to $3; Beauties $3 to $8. These are retail prices. Bulbous stock is fast disappearing, but good stock finds ready sale.

The florists of this city at last are to have a club. W. F. Gude sent out notices to all local florists for a meeting to be held May 4. The object of this meeting is to get the boys together, elect officers, determine upon a meeting place and start the ball rolling, after which the going will be easy and prosperous meetings will be assured.

Weather conditions prevailing do not furnish many indications of the approach of spring. With the exception of a few days, rough weather has prevailed ever since April 1 and at this writing does not show any sign of letting up, which, of course, makes it pretty hard on bedding plant growers. Usually quite a little stock is sold out at this time.

John D. Davidson has sailed for Porto Rico to engage in the shipping trade.

Captain Ernest is working hard with the bowling team to meet the Baltimore club on May 6, and a good time is assured.

H. B. L.

BELLEVILLE, ILL.—Arthur Cowee will plant a very large quantity of gladioli on the farm of Louis F. Dintleman, from which he will draw for his World's Fair display.

THE BEST GRADE OF

ROOTED CUTTINGS

Coleus—Ten best sorts.	$0.60 per	100	
	5.00 "	1000	
Coleus—Verschaffeltii, Golden Bedder and Firebrand	.75 "	100	
	6.00 "	1000	
Salvias—Splendens and Bonfire	1.00 "	100	
	9.00 "	1000	
Heliotropes—Light and Dark	1.00 "	100	
	9.00 "	1000	
Argeratum—Stella Gurney	.60 "	100	
	5.00 "	1000	
Water, or Parlor Ivy	.60 "	100	
Sweet Alyssum—Giant Double	.60 "	100	
Marguerites—White and Yellow	$1.00 per	100	
Asp. Sprengeri—4-in. pots, strong,	8.00 "	100	
Lantanas—Ass'd colors, 2½-in. pots,	3.00 "	100	
Rooted Cuttings	1.00 "	100	
Lemon Verbenas	1.00 "	100	
Chrysanthemums—Fine, healthy stock; Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Chadwick, Golden Wedding, Mrs. Murdock, Lavender Queen, Silver Wedding	1.50 "	100	
	12.00 "	1000	

Well packed ready to deliver. Satisfaction guaranteed. CASH WITH ORDER, PLEASE.

No orders for less than $1.00.

"CRITCHELL'S", Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

ROSES FOR FORCING. Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100		Per 100
American Beauties	2½-in., $5.00	3-in.,	$10.00
Perles	2½-in., 3.00	3-in.,	6.00
Meteors			6.00
Maids, extra fine	2½-in., 3.00		
Brides	2½-in., $3.00	3-in.,	$5.00
Golden Gates	2½-in., 3.00	3-in.,	5.00
Ivory	2½-in., 3.00	3-in.,	5.00

Special price on 1000.

BOSTON FERNS. 2½-in., $3.50 per 100; 3-in., $8.00; 4-in., $12.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes.

W. H. GULLETT & SONS.....LINCOLN, ILL.

Mention The Review when you write.

YOUNG ROSE STOCK

	Per 100		Per 100
BRIDES	2-in. $2.50	2½-in.	$3.50
BRIDESMAIDS	2-in. 2.50	2½-in.	3.50
IVORY	2-in. 2.50	2½-in.	3.50
PERLES	2-in. $3.00	2½-in.	$4.00
KAISERIN	2-in. 3.00	2½-in.	4.00
SOUPERT and HERMOSA		2½-in.	2.50

JAMES C. MURRAY, - - - PEORIA, ILL.

Mention The Review when you write.

STRONG ROOTED, HEALTHY

CARNATION CUTTINGS

From cutting bed, Joost, $1.00 per 100; $6.00 per 1000. Transplanted from soil, Joost, $1.25 per 100; $10.00 per 1000. Cartledge, $1.00 per 100. ASPARAGUS PLUMOSUS NANUS, 4-in., $10.00 per 100.

CASH PLEASE.

JOHN R. SHREINER, - Lancaster, Pa.

Mention The Review when you write.

Boston Ferns. Prices—2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

PIERSONI FERNS. 2½-in., $8.00 per 100; 4-in., 35c; 5-in., 50c each.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

BOSTON and PIERSONI FERNS. ASPARAGUS PLUMOSUS and SPRENGERI. We are largest growers in the West. Over 20,000 in stock. All sizes, 2½-inch to 10-inch. Write us.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

ORCHIDS.

Arrived in **perfect** condition: Cattleya Mossiae, C. Labiata, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum and many more. Write for prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

ALYSSUM Double Giant, Lobelia Crystal Palace Compacta, Centaurea Gymnocarpa, Pyrethrum Golden Feather, from 2¼-inch, $2.25 per 100. Verbena, mammoth assorted, 2½-inch, $2.50 per 100. Aster Queen of the Market and Semple's, assorted, transplanted plants, $1.50 per 100. Rock Roses and Geraniums, assorted, 3½-in., $7.00 per 100. Begonia Vernon, white and red, 3-inch, $5.00 per 100. Surplus McGowan Carnation from 2-in. and flats, $2.00 per 100; $15.00 per 1000.

MOUNTAIN VILLA CONSERVATORIES, Box 254. SHARON, MASS.

Mention The Review when you write.

Coleus Verschaffeltii Golden Bedder Firebrand

2½-inch pots....$2.50 per 100; $20.00 per 1000.
Rooted Cuttings, 75c " 6.00 "

J. L. DILLON, Bloomsburg, Pa.

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1,000,000

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Alyssum, Giant and Dwarf Double...	40c	$2.00
Abutilon, in variety	40c	2.00
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Asparagus Sprengeri, 2½-in	50c	3 50
Baby Primrose, "Primula Forbesii"	40c	1 50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2 00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties....per 1000, $15 00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.50
Hardy English Ivy, large and small leaved variety.....per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Holt's Mammoth Sage, per 1000, $15 00,	40c	$2.00
Lemon Verbena ....per 1000, $20 00,	50c	2.50

GERANIUMS...

$2 00 per 100; $20 00 per 1000 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

All good, strong plants.

	Per doz.	Per 100
Lantanas, 10 varieties per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3 00
Moonvines, blue	50c	3.00
Nymphaea Odorata Gigantea	60c	3 50
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $17.50		2 00
Sedum, variegated	40c	2 00
Smilax per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tradescantia, dark variegated	40c	2 00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2,50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—
Our selection of four varieties, 1000 for $15.00.

SALVIA—
Bonfire, Splendens and Silverspot.

COLEUS—
Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand and Fire Crest.

AGERATUM—
Stella Gurney and Dwarf White.

HARDY ENGLISH IVY and HOLT'S MAMMOTH SAGE.

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Here Is What You Want!

Geraniums—Leading var., mixed 2 and 3-inch stock	Per 100	$2.25 and $5.00
Salleroi Geranium—2-inch		2 00
Petunias—Fine plants 2½-inch		2.50
Ivy Geranium—Choice varieties, mixed 2 and 3-inch pots		$2 00 and 4.00
English Ivy—3½-inch		3.50
Peverfew—2½-inch		2.25
Coleus Verschaffeltii—Golden Bedder and 10 other varieties, 2-inch		2.00
Vinca Variegata—4-in. pots, extra heavy		10.00
Boston Ferns—2½-in pots		4.00
Pansies—In bloom, but not forced, very stocky	$8.00 per 1000,	1.00
Alyssum—2-inch		2.00
Lobelia—2 and 2½-inch fine plants from cuttings		2.25
Pyrethrum—2½ inch		2.25
Fuchsias—3 inch, a good mixture		4.00
Verbenas—2½-inch mixed		2 25
Centaureas—2½-inch		2.25

Cash please.

Converse Greenhouses, - Webster, Mass.

500,000 Pansies

Pansies that give satisfaction wherever used.

$10.00, $15.00 and $20.00 per 1000, according to size.

I. E. COBURN, Everett, Mass.

Mention the Review when you write.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars

50,000 ALTERNANTHERAS

Red and Yellow. Rooted Cuttings, 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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YOU CAN ALL MAKE MONEY GROWING

ASPARAGUS PLUMOSUS.

We have a large stock of all sizes of this very profitable plant for every retail florist. Nothing but the best stock is shipped.

2-inch, $3.00 per 100; 3-inch $8.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz., $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz., $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $10.00 per 100.

Latania Borbonica, we have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz., $37.50 per 100.
6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz., $50.00 per 100.
7-inch, 16-20 inches high, 7-8 leaves, $1.00 each, $12.00 per doz.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

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Rose Plants

FROM 2-INCH POTS.

BRIDES, MAIDS, GOLDEN GATES, $3.00 per 100.

S. D. BRANT, CLAY CENTRE, KAN.

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Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$1.50 per 100;	$35.00 per 1000	
Brides	5.00 "	40.00 "	
Bridesmaids	5.00 "	40.00 "	
Mme. Chatenay	6.00 "	55.00 "	

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Mention The Review when you write.

Now Ready. COLEUS Rooted Cuttings.

VERSCHAFFELTII, CHICAGO BEDDER or GOLDEN QUEEN and FIREBRAND. By express, 60c per 100; $5.00 per 1000.

At purchaser's risk by registered mail, 75c per 100.

FRANK A. PIERSON. Write for List of Cuttings. **CROMWELL, CONN.**

Mention The Review when you write.

INDIANAPOLIS.

Last Saturday's News printed a cut of a wheelbarrow load of Carnation Indianapolis with the following under the head, "Republicans and Carnations."

"When it is figured that one firm alone, Baur & Smith, who created the popular Indianapolis carnation, a child of the Mrs. Joost and the pretty Armazindy, sells about 500,000 blooms every year, and there are about forty other florists handling the carnation, it may easily be guessed that this city is somewhat favorably inclined toward the favorite flower of one who sleeps at Canton. That was a reverent love that President McKinley had for the carnation, and to him is largely due the present infatuation for the little flower.

"The coming republican conventions are to honor his memory by a wholesale distribution of the carnation in the convention hall and many a candidate hopes to strengthen his chances by putting his carnation instead of his finger in a delegate's button-hole."

THE FLORENCE HEATER.

One of the handsomest pieces of printing which has come to hand this season is the catalogue of the Columbia Heating Co., Chicago. The illustrations are perfect and the book contains much information of value on the subject of heating, either by steam or hot water. The structural idea in the boiler is unique and worthy of consideration by every greenhouse owner.

NORFOLK, VA.

Harry A. Bunyard, of Cluess & Boddington Co., New York, was taken sick at his hotel here last week and was removed to St. Vincent's Hospital, where an operation was performed to remove the water from his knee. He is much better and expects to be out shortly.

DENVER, COLO.—W. W. Wilmore, the dahlia grower, is seriously ill with pneumonia.

CHAMPAIGN, ILL.—Thomas Franks will add four greenhouses 18x100 this spring. The glass is already on hand.

VEGETABLE PLANTS.

CABBAGE plants, 50c per 100; $4.00 per 1000.
TOMATO plants, 50c per 100; $4.00 per 1000.
EGG plants, **PEPPER** plants and **PANSY** plants. Write for list.

C. O. WILLIAMS, 99 Water St., **Batavia, Ill.**

Mention The Review when you write.

MAMMOTH VERBENAS.
Stocky plants, 60c per 100; $4.50 per 1000; 2¼-inch, in bud and bloom, $1.50 per 100. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18.00 per 1000; 2-inch, $3.00 per 100. **Maidenhair Ferns,** 4-inch, $1.25 per doz. **Dracaena Indivisa,** 5-inch, $15.00 per 100. **Begonia Rex,** 4-in., $10.00 per 100. **Geraniums,** bushy plants in bud and bloom. S. A. Nutt, Ricard, Beaute Poitevine, J. Viaud and La Favorite 4 in., $7.00 per 100. **Roses,** Brides, Bridesmaids and Golden Gates, 2-inch, $2.50 per 100.

SAMUEL WHITTON, - - 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35 00
S. T. Wright magnificent crimson	1 00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8.00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100. Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N.Y.

Jamaica Post Office, Woodhaven Station.

CHRYSANTHEMUM ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2 00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalskov	1.50

Newer varieties on application.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

WHITE MAUD DEAN

A most valuable variety; stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

MISCELLANEOUS STOCK

GERANIUMS in red, white, pink, salmon, Mme. Salleroi, rose. **Cannas. Alternantheras,** red and yellow. **Coleus.**

Fuchsias, Begonias—Flowering and Rex, Sweet Alyssum, Feverfew, Cuphea, Lantanas, Coboea Scandens, Ageratum, Pansies, Verbenas, Salvia, Vincas, Lilies nearly all summer. Small Ferns for Fern Dishes. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Chrysanthemum Novelties for 1904.

The following list comprises the VERY BEST NOVELTIES for the season, which we are offering AT REDUCED PRICES.

Those interested should avail themselves of this offer without delay.

50c each, $5.00 per dozen:

Mildred Ware, Mrs F. W. Vallis, S. T. Wright.

30c each, $3.00 per dozen:

Mrs. Nathan Smith,	Helen Frick,
Sunburst,	Golden Age,
John Burton,	Rockford,
Mrs. H. W. Buckbee,	Wm. Duckham.
Ben Wells,	Donald McLeod,
Dr. Enguehard,	F. A. Cobbold,
Harrison Dick,	Gen. Hutton,
Mme. Jh. Perraud,	Maynell,

W. A. Etherington.

We can make attractive prices on the best Novelties of 1903 and standard varieties. Send us a list of your wants.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

CHRYSANTHEMUM CUTTINGS!

2¼-inch pots.

Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100.

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

C. W. BLATCHLEY, Plantsville, Conn.

Mention The Review when you write.

Mums All the good kinds, true to name, at $2.25 per 100; $20.00 per 1000, from 2¼-inch pots. 300 plants, our selection, for $5.00 cash. Rooted cuttings at $1.25 per 100; $10 00 per 1000. Liberal count. Write us in regards to any kind, we may have them for you.

COOLIDGE BROS., P. O., So. Sudbury, Mass.

Greenhouses at East Sudbury Station.

Mention The Review when you write.

50,000 CANNAS

from $1.00 per 100 up; write for prices and varieties. **Kentias**—Strong, 3-in., $12.50 per 100; 4 in., $25 00 per 100. **Mums**—Polly Rose, Glory of Pacific, Harry Parr and Bonnaffon, $2.00 per 100. **Double Sweet Alyssum**—Fine bushy plants, $2.00 per 100. **Rooted Carnation Cuttings**—Cheap to close out.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

A Prosperous Florist is Never Idle

A glimpse into my houses will prove this; even enemies must admit that an unusual amount of work has been done to fill an eatablishment of so many houses which were emptied at Easter, with such an enormous stock of 150 000 choice bedding plants, an increaae of 50 000 from last year, ready now for immediate shipment. Secure bargains for now and Decoration Day.

Geraniums—Le Pilot (double scarlet), Mme. Thibaut (double pink), La Favorite (double white), S. A. Nutt (double crimson), out of 4-inch pots, at $7.00 per 100.

Ageratums—(Blue), 4-inch pots, $6 00 per 100; 3-inch pots, $5.00 per 100.

Scarlet Sage—Best varieties only, 4-inch pots, $7.00 per 100; 3-inch pots, $5.00 per 100.

Begonia—Vernon and Erfordii, 4-inch pots, $7.00 per 100.

Heliotropes—(Blue), 4 inch pots $6 00 per 100

Hermosa and Hybrid Roses—4-inch pots, $10 00 per 100.

Hardy or English Ivies—4-inch pots, $10.00 per 100; 3-inch, $7.00 per 100; 2½-inch, $5.00 per 100.

Periwinkle—(Vinca Variegata), very strong, 4-inch pots, $8.00 per 100.

Cobaea Scandens—4-inch, strong, $6.00 per 100.

Begonia—Tuberous rooted, 5½-inch pots, in bloom and bud, $2.50 per doz.

Pres. Carnot and other mixed varieties, very strong, 5½-inch pots, $2.00 per doz.

Fuchsias—5 inch pots, $1.50 per doz.

Daisies—Yellow and White, 5-inch pots, $2.00 per doz.

Honeysuckle—6-inch pots, $2.00 per doz.

Dracaena Indivisa and Latanias—6-7-inch pots, 50c each.

Hydrangea Otaksa—For out-door planting, 6-inch pots, $3.00 per doz.

Small plants, out of 2½-inch pots, $3.00 per doz.: Petunia (California Giant) and Inimitable Dwarf, Phlox Drummondii Gigantum, Nasturtium (Empress of India), 3-inch pots: Verbeneas, Sweet Alysaum (Little Gem), Lobelias, Cupheas, Tradescantia, Pyrethrum (Golden Feather), Alternantheras (red and yellow), Dusty Miller, Parlor Ivy and Coleus Verschaffeltii, Golden Bedder and Firebrand.

Don't forget that I am the Moonvine grower of the land; only A. W. Smith's Hybrid Moonvines (Ipomœa Noctiflora) is exclusively the one I grow, and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no Morning Glory, like so many sell for Moonvines, but the pure, white, waxy Moonflowers, as large as saucers, 3-inch pots, $7.00 per 100; 4-inch $10.00 per 100, nicely staked up.

☞ Watch "ad." for **Arancarias, Palms and Ficus** in about three weeks. Please send cash with orders. All goods travel at purchaser's risk. My best thanks to my customers for their liberal patronage at Easter.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants.

Mention The Review when you write.

Princess of Wales Violet

ROOTED CUTTINGS.

$8.00 per 1000; Cash or C.O.D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

VIOLETS.

Fine stock. Princess of Wales,

$2.00 per 100; **$15.00** per 1000.

Transplanted stock after May 10.

JOHN CURWEN, GLEN HEAD, L. I., N. Y.

Mention The Review when you write.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. **Mxd.**, $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus,** 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in, $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

L. H. Foster, 45 King St., Dorchester, Mass.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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McCRAY FLORIST REFRIGERATORS

Known Everywhere for Superiority.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass. The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

Write at once for Florista' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the **McCRAY** is Guaranteed Absolutely Satisfactory.

THOUSANDS TESTIFY TO ITS MERITS.

SPECIAL STYLE No. 641

75 in. wide. 36 in. deep. 105 in. high.

Special Designs BUILT TO ORDER

Also we have stock sizes of very neat design ready for prompt shipment.

Mention this Journal and we will send you the following catalogues: No. 39, for residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70, for Florists.

McCRAY REFRIGERATOR CO.

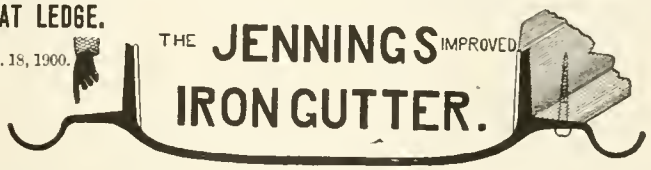
373 Mill St., KENDALLVILLE, IND.

Branch Offices and Salesrooms: Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 636 Smithfield St.; New York, 341 Broadway; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Bldg.; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.; Washington, D. C., 620 F St., N.W.

☞ **Address Main Office, unless you reside in one of the above named cities.**

SEE THAT LEDGE.

Pat. Sept. 18, 1900.



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Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,

Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 8th and Berks Sts., PHILADELPHIA, PA

Geraniums

	Per 100.
10 varieties, 2-in. pots, $2.50; 2½-in.	$3.00
10 varieties, 3 in. pots	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias, May 1	3.00
100 Pelargoniums, 2 in.	3 00

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in.	2.50
50 Boston Ferns, 5-inch pots, each, 25c.	
Cannas, 8 varieties, 4-in. pots	5.00
Asparagus Sprengeri	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $1.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

Mention The Review when you write.

H. P. ROSES

Fine 2-year, field-grown plants, Gen. Jacqueminot, La France, etc., leading sorts, 12c; Crimson Rambler, 2-year, strong, 12c; C. Rambler, XXX, 20c. Large flowered Clematis, best purple, white, lavender and red sorts, 2-year, 18c; 1-year, strong, 9c. C. Paniculata, 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 6c. Golden Glow, strong roots, 5c. Perennial Phlox, best sorts, 10c. Pæonias, 12c. Hydrangea Pan. Grand., fine bushy plants, 8c; tree-shaped specimens, 25c. Other fine 2-year shrubs, Deutzias, Spiræas, Weigelias, Snowball, Honeysuckle, etc., 10c. Packing light as consistent with safety and free for cash with the order. Fruit and ornamental trees, etc. Prices on application.

W. H. SALTER, Rochester, N. Y.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft. 20.00 "

1000 Coreopsis, strong clumps	4 00 per 100.
Achillea The Pearl, strong clumps	6.00 "
Gaillardia Grandiflora, clumps	5.00 "
Golden Glow, strong clumps	2.50 "
Helianthus Maximiliani	2.50 "
Roseum	3.00 "

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.

Box 100.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 943, March 24th issue, for prices.

Mention The Review when you write

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

Mention the Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratum White Cap, 2½-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. Cash.
A. J. Baldwin, Newark, Ohio.

50,000 alternantheras, red and yellow; rooted cuttings, 50c 100 or $4.00 1000; in lots of 5000 or over, $3.50 1000. Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

ALTHEAS.

Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24-in., $1.00 doz., $6.00 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Alyssum Little Gem, 2-in., fine plants in blossom, not less than 50 sold.
G. A. Dudley Co., New Market, N. H.

Alyssum, Giant and Dwarf Double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Dbl. Giant, from 2¼-in., $2.25 100. Mountain Villa Conservatories, Box 254, Sharon, Mass.

Alyssum, Little Gem, 2½-inch, $2.00 100. Cash. Wm. J. Chinnick, Trenton, N. J.

Double sweet alyssum, fine bushy plants, $2.00 100. W. W. Coles, Kokomo, Ind.

Sweet alyssum, giant dbl., 75c per 100 by mail. S. W. Pike, St. Charles, Ill.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Alyssum, strong plants, 2½-in. pots, $1.00 100.
L. W. Franks, Montpelier, Ohio.

Alyssum Little Gem, 2-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

Alyssum, double giant, 2½-inch, $2.00 100.
G. W. Renard & Bro., Avondale, Pa.

AMPELOPSIS.

AMPELOPSIS VEITCHII, field-grown; 2 yrs., first-class, $6.50 per 100, $60.00 per 1000, 2 yrs., selected medium size, $5.00 per 100, $45.00 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Ampelopsis Veitchii, 2-in., 50c doz., $3.00 100, $25.00 1000; field-grown, 2 to 3 ft., $1.50 doz., $10.00 100. Good & Reese Co., Springfield, O.

Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa or Norfolk Island pine, 3 to 4 tiers, 85c each, $9.00 doz.
Good & Reese Co., Springfield, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

ASPARAGUS.

Asparagus plumosus nanus,	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
Albert M. Herr, Lancaster, Pa.

5000 Asparagus plumosus, strong seedlings ready for pots, at $15.00 1000. 300 prepaid for $5.00 cash. Can use in exchange, palms, Pierson ferns or young roses. Write
Huss Floral Co., Augusta, Ga.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 2-inch, $2.00 100; 3-inch, $3.00. Plumosus from flats, $1.75 100; 2-inch, $2.50; 3-inch, $4.00. Good stock and cheap.
Sherman Nursery Co., Charles City, Ia.

2000 Asparagus plumosa, 2¼-in. pots.....$3.00
500 Asparagus plumosa, 3-in. pots..... 6.00
3000 Asparagus Sprengeri, 3-in. pots..... 4.00
Walker & McLean, Youngstown, Ohio.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield O.

Asparagus plumosus nanus plants, ready for 3-in., $2.00 per 100; ready for 4-in., $2.50 per 100. Cash. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Sprengeri, from flats, 75c 100, $6.00 1000; 3-in., $4.00 100, $36.00 1000.
C. Winterich, Defiance, O.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, fine strong plants, 2½-inch, ready to shift, $4 100. Cash.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus and Sprengeri, all sizes from 2½-in. to 10-in. Write us.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, fine 3-in., ready for 4-in., at $5.00 per 100. Weber Bros., Ironton, Ohio.

Asparagus Sprengeri, 4-in. pots, strong, $8.00 100. "Critchell's," Avondale, Cincinnati, O.

Asparagus plumosus nanus, 4-in., $10.00 100. Cash. John R. Shreiner, Lancaster, Pa.

Asparagus Sprengeri, 3-in., very large, $3.00 100. J. Sylvester, Oconto, Wis.

Asparagus Sprengeri, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

ASPIDISTRAS.

Aspidistra, green, $10.00 per 100 leaves. Cash with order, please.
A. Schulthels, Box 78, College Point, New York, N. Y.

ASTERS.

Aster Queen of the Market and Semple's assorted, transplanted plants, $1.50 100.
Mountain Villa Conservatories, Box 254, Sharon, Mass.

Asters, Semple's and Queen of the Market, separate colors, 30c per 100 by mail.
S. W. Pike, St. Charles, Ill.

AZALEAS.

Azaleas, Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100. Azalea mollis (hardy), 35c each, $3.00 doz., $20.00 100.
Good & Reese Co., Springfield, O.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Vernon, extra strong, in bud and bloom, 2½-in., $1.70 per 100; 3-in., $3.00 per 100; $16.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias. For Lorraine begonia plants inquire for prices, etc., at headquarters.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Begonia Vernon, white and red, 3-in., $5.00 100.
Mountain Villa Conservatories, Box 254, Sharon, Mass.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea maculata, and a few rubras, 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
W. T. Stephens & Co., Brookfield, Mo.

Rex begonias, rooted cuttings, $1.10 100. Cash or C. O. D. Daun & Son, Westfield, N. Y.

Rex begonias, 4-in., $10.00 per 100.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

BULBS.

	Doz.	100.	1000.
Tuberous rooted begonias.			
Single—White, red, yellow, crimson, scarlet	30c	$2.00	$18.00
Double—White, red, yellow, crimson, scarlet	50c	3.75	35.00
Gloxinias, mixed, all colors	30c	2.25	20.00
Giant flowering, red, pink, blue, spotted, white	50c	3.50	33.00
Lilium speciosa rubrum, 8-9-in., (160 to case)	75c	5.50	....
Spotted callas, fine bulbs	30c	1.75	15.00

Johnson & Stokes, 217-219 Market St., Phila., Pa.

	12.	100.	1000.
Caladium (elephant's ear)	30c	$2.00	$15.00
6x8 inch	50c	3.00	25.00
Gloxinias, sep., white, red, violet, blue, mottled	40c	2.75	25.00
All colors mixed	30c	2.00	18.00

Tuberose Excelsior Pearl, dbl.,

4x6 inch	15c	75c	6.00
3x4 inch		30c	2.50

H. H. Berger & Co., 47 Barclay St., N. Y.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Zephyranthes, Crinum, Milla, Calla, Cooperia, Pancratium, Antigonon, Resurrection plants, Cacti, Agaves, Dion Edule. Write for prices.
William Tell, Austin, Tex.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Caladium esculentum bulbs, 50c doz., $3.00 100. Strong 3½ to 4-in., $1.00 doz., $7.50 100.
Good & Reese Co., Springfield, O.

Bulbs. Largeat stock of bulbs for fall and spring planting in America, alwaya at your aervice.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

10,000 Ismene calathiaa, fiae bulbs. Firat aize, large bulbs, $8.00 100; $70.00 1000. Second aize, bloomiag bulbs, $6.00 100; $50.00 1000.
E. Holley, Hudson, N. Y.

Caladiums, 4 to 6-in., $1.00; 6 to 7-in., $1.50; 7 to 9-in., $2.50 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Caiadium bulbs, 5-7, $3.00, 7 to 9, $4.50; maimmoth, 10-12, $8.00 100.
C. C. Pollworth Co., Milwaukee, Wis.

CANNAS.

Good cannas cheap, to cloae out. C. O. D., if you wish to see them before paying. Or will exchange for other stock. What have you to offer? Varieties: Chas. Henderson, L. Patry, Pres. Cleveland, Francois Relf, Burbank, Alemannia, 50c per 100.
Mrs. Theodora S. Ellis, Griffin, Ga.

Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
Good & Reese Co., Springfield, O.

10,000 cannas, good, live eyes. Rosemawr, Gloriosa, Mme. Crozy, Queen Charlotte, 1500 crimson seedlings (this is a good canna), and 1500 bright red seedlings (extra good variety), at $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

Cannaa. Don't potter with acraps when you can get reliable stock from a reliable firm, at lowest prices. Twenty-five acres, leading varieties, planted this year.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Dormaat cannas named, best, 2c; not named, $1.25 per 100; 10,000 potted for May and June, $5.00 per 100, $40.00 per 1000. Cash.
Benj. Connell, West Grove, Pa.

2000 cannas, 3-in., Gloriosa and Rosemawr, at $3.50 per 100. 3-in. Mt. Blanc at $20.00 per 100. 25 and 50 at 100 rates.
A. B. Campbell, Cochranville, Pa.

A few thousand mixed cannas, all are good varieties; 90 per cent red, names lost; dry roots, $5.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Cannas Austria, Pennsylvania, Black Prince, Hendersoo, Chicago, large, strong plants from 2½-in. pots, $3.00 100.
Springfield Floral Co., Springfield, O.

Charles Henderson, Florence Vaughsn, Mme. Crozy and other good varieties, 4-inch pots, $5.00 100. Cash.
Wm. J. Chinnick, Trenton, N. J.

Cannas, common red leaf, tubers, $3.00 per 100. Terms cash, except approved credit.
E. & C. Woodman, Danvers, Mass.

Canna roots. Florence Vaughan, $1.00 per 100. Austria, 75c per 100.
C. M. Niuffer, Springfield, O.

Cannas. Mrs. Kate Gray, started plants, large size, $3.00 per 100. Cash.
A. A. Harper, Pine Bluff, Ark.

Canna roots, a few surplus varieties, $1.50 100; others, $2.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

10,000 canna roots, in 10 leading varieties, from 75c to $1.25 100.
J. H. O'Hagan, Little Silver, N. J.

Canna McKinley, 4-in. pots, fine plants, $10.00 per 100. Cash please.
Valley Greenhouse Co., Sewickley, Pa.

Canna Chas. Hendersoo, field clumps, to close out, $5.00 per 100.
Carl Hagenburger, West Mentor, Ohio.

Cannas, one and two eyes, $2.00 100.
G. W. Renard & Bro., Avondale, Pa.

Cannas, $1.00 per 100 and up. Send for varieties. W. W. Coles, Kokomo, Ind.

Cannaa, 8 varieties, 4-in. pots, $5.00 100.
Jos. H. Cunningham, Delaware, O.

CARNATIONS.

Rooted carnation cuttinga. Strong, selected, well-rooted stock of the following varieties:
Lady Bountiful, The Belle, Mrs. Patten, Judge Hinsdale, The Presidaut, $12.00 per 100; $100.00 per 1000.
A very profitable and novel set of bright shades, odd colors and very attractive—Bizarre. Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100	1000		100	1000
Harlowarden	$6.00	$50	Apollo		$3.00 $25
McKinley	5.00	40	Gov. Lowndes	5.00	40
M. Field	5.00	40	G. Roosevelt..	2.50	20
Mrs. Roosevelt.	5.00	40			

F. Dorner & Sons Co., Lafayette, Ind.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations from 2½-in. pots. 500 Lillian Pond, 1000 Boston Market at $5.00 per 100.
500 McKinley, 500 Mrs. Nelson, 1000 Estelle at $4.00 per 100.
1500 Marquis, 150 Gaiety, 750 Crane, 600 Cresshrook, 300 Higinbotham, 350 Floriana, 500 Morning Glory at $3.00 per 100.
2000 Queen Louisa, 500 Hill, 1500 Dorothy, 1500 Joost, 500 Crocker, 500 Guardian Angel, 250 Red Jacket, 350 Genevieve Lord at $2.50 per 100.
Walker & McLean, Youngstown, Ohio.

Special low prices for 10 daya on rooted carnation cuttings.

	100.	1000.		100.	1000.
Lawson	$1.75	$15.00	Palmer	$2.00	$18.00
Nelson	2.00	18.00	Hill	1.25	10.00
G. Angel..	1.25	10.00	W. Cloud..	1.25	10.00
Dorothy	1.50	12.50	Q. Louise.	1.25	12.00
Joost	1.25	10.00	Higlaboth-		
Crane	2.00	18.00	am	2.00	18.00
America	2.00	18.00	Prosperity.	2.00	18.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations, from 2¼-in. pots, ready for the field or bench. Will ship to reach you any date desired.

	100	1000		100	1000
Joost	$2.00	$20.00	Innocence	$2.50	
Marquis	2.25	22.50	H. Majesty.	4 00	
Dorothy	2.50		Glacier	2.50	$25.00
Crane	2.50	25.00	Prosperity.	2.00	20.00
Hill	2.00	20.00			

Buckley Plant Co., Springfield, Ill.

Carnation plants ready for field planting. These plants are now in soil and are extra large:

12,000 Wolcott	$3.50 100	$30.00 1000
3,000 L. Pond	3.50 100	30.00 1000
5,000 Prosperity	2.50 100	20.00 1000
1,000 Lorna	2.50 100	20.00 1000
1,200 Gold Nugget	2.50 100	20.00 1000
2,000 Maceo	2.50 100	20.00 1000

Bassett & Washburn, 76 Wabash Ave., Chicago.

First class carnation cuttings from soil; nothing but stem cuttings.

	100	1000
6000 Harlowarden	$4.00	$30.00
1000 Norway	1.50	15.00
1200 Higinbotham	2.00	20.00
500 Nelson	2.50	25.00
500 Marshall Field	2.50	25.00

Also other varieties.
Fischer & Poppe, Blue Island, Ill.

Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise..	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt..	6.00	50.00
Lawson	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

The best selected carnations.

Strong, from soil. 100		Rooted cuttings. 100	
Gov. Wolcott	$4.00	Gov. Wolcott	$3.00
Boston Market	4.00	Boston Market	3.00
The Queen	5.00	The Queen	3.50
Pres. McKinley	3.00	Prosperity	2.00
Estelle	5.00	Enchantress	5.00

Geo. Hancock & Son, Grand Haven, Mich.

Carnations, strong, healthy plants from soil; no stem-rot. On all orders for 10,000 plants and over, 3 per cent discount. Cash with order. Norway, Flora Hill, Lorna, White Cloud, Elm City, Genevieve Lord, Floriana, G. H. Crane, Lillian Pond, $2.00 per 100, $15.00 per 1000.
C. Akehurst & Son, White Marsh, Md.

Rooted carnation cuttinga, first-class stock.

	100	1000		100	1000
Q. Louise..	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud..	1.00	9.00	Armazindy..	.85	7.00
America	1.00	9.00	Prosperity..	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Carnations, 2½-in., extra fine stock. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Roosevelt, Lorna, Lawson, Higinbotham, Mary Wood, White Cloud, Palmer, $3.00 100.
Flora Hill, Joost, $2.50 100.
Poehlmana Bros. Co., Morton Grove, Ill.

50,000 outside in flats ready to plant. Q. Louise, Hill, Crocker, Joost, G. Angel, Crane, Marquis and Firefly, red in fair proportion, $15.00 per 1000, $2.00 per 100. Send for list of mums and bedding stock, carnations, etc. Cash. Benj. Connell, West Grove, Pa.

New scarlet carnation Crisis, to be distributed in 1905; early and continuous bloomer; color the richest scarlet, size three inchea and over; never burats; stems long and very strong; we court investigation; $2.00 doz.; $12.00 100; $100.00 1000. Davis Bros. Co., Bloomsburg, Pa.

Summer flow, carnations, Vulcan, red, Mrs. Fisher, white, $2.00 100. Strong plants from soil, Enchantress, $6.00; Prosperity, $3.00 100. Queen Louise, Flora Hill, Boston Market, Wm. Scott, Joost, Crocker, Harlowarden, at $2.00 100.
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A fine, healthy stock of Joost, Eldorado, Genesee, Crocker. Out of sand, $1.50 100; $12.50 1000. Out of soil and pots, $2.00 100; $17.50 1000. Lillian Pond, Gov. Wolcott, Murphy's White, 2¼-in. pots and soil, $4.50 100.
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Carnations, 2½-in., extra fine stock. 150 Morning Glory, 250 Joost, 300 Lawson, 500 Crane, 250 Gen. Maceo, 250 Flora Hill, $2.50 per 100. Cash with order.
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Healthy, strong rooted carnation cuttings. Joost, from cutting bed, $1.00 100, $6.00 1000. Joost, transplanted from soil, $1.25 100, $10.00 1000. Cartledge, transplanted from soil, $1.00 100. Cash. John R. Schreiner, Lancaster, Pa.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

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Carnation cuttings, $2.25 100, $20.00 1000. 5000 December propagated Marquis cuttinga from soil, an exceptionally fine lot, sample free.
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Centaurea gymnocarpa, 2¼-in., $2.25 100.
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Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100.
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Centaureas, fern leaved, fine plants, $3.00 100. F. A. Baller, Bloomington, Ill.

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Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Maud Dean, Primo, Intensity, Adrian, H. Hurrell, Brutus, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, rooted cuttings from aand, $1.50 100.

Bonnaffon, Mrs. H. Robinson, Niveus, Jerome Jones, F. B. Hayes; Merry Monarch, white and yellow; Ivory, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
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Rooted chrysanthemum cuttings:
Lady Fitzwygram, Yellow Fitzwygram, G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Appleton, Minerva, J. W. Childs, John Shrimpton, Philadelphia, Viviand-Morel, Halliday, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Cullingfordii, Adula, Jones, yellow; Blackhawk, Golden Wedding, W. H. Lincoln, Maud Dean, Nagoya, Timothy Eaton, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
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Chrysanthemum cuttings, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ½ of above rates.
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W. H. Chadwick	2.00	15.00	3.00
Wht. Bonnaffon	1.50	12.50	2.00
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E. S. Kalb	1.50	12.50	2.00
Estelle	1.50	12.50	2.00
Robinson	1.50	12.50	2.00
Ivory	1.50	12.50	2.00
Merry Xmas	1.50	12.50	2.00
Polly Rose	1.50	.....	2.00
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Golden Beauty	1.50	12.50	2.00
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Col. Appleton	1.50	12.50	2.00
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Yellow Mayflower	1.50	.....	2.00
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W. Duckham	25.00	.....	.....
Murdock	1.50	12.50	2.00
V.-Morel	1.50	12.50	2.00
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Good assortment of ferns for jardinieres from 2¼-in. pots at $3.00 per 100, $25.00 per 1000.

FERN SPORES.

Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.

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PIERSON FERNS A SPECIALTY FOR LATE SPRING AND SUMMER DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.

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Nephrolepis exaltata Bostoniensis. We are booking orders now for sprig delivery. Place your order and secure stock. Have a few thousand ready for immediate delivery. Nice, young plants, $15.00 per 1000. Send P. O. orders on Little River. Soar Bros., Little River, Fla.

Pierson ferns, well established young plants from bench, $5.00 per 100. About 200 fine, 1-year-old plants from bench at 50c each. 2-in., $6.00 per 100, $50.00 per 1000; 2½-in., $8.00 per 100; 3-in., $14.00 per 100.

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Nephrolepis Piersoni, the ostrich plume, 2-in., 75c doz., $6.00 100, $50.00 1000; 5-in., 50c each, $5.00 doz. N. Bostoniensis, 2-in., 50c doz., $3.00 100. Dwarf ferns for dishes, 2-in., 40c doz., $3.00 100, $25.00 1000.

Good & Reese Co., Springfield, O.

Boston ferns, A1, pot-grown, 3-in., 8c each; 3½-in., 12½c; 4-in., 15c; 5-in., 25c; 6-in., 40c. Piersoni, new, 3½-in., 15c each; 6-in., 50c. Write for discount on 1000 lots.

Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.

Boston ferns, 2½-inch, $4.00 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Aspidium tsussemense, fine stock now ready for 3-in. pots, 3c, $25.00 per 1000. Some good ferns, 2-in. pots, in variety at 2c. Nephrolepis Anna Foster, strong 2½-in. stock, 4c. Cash.

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Boston ferns from 3-in. pots, $8.00 per 100. Piersoni, new, 3-in. pots, $15.00 per 100. Cash with order, please.

A. Schultheis, Box 78, College Point, New York, N. Y.

Japanese fern balls, large size, 7-9-in., 25c each, $2.50 doz., $18.00 100; 2nd size, 5-in., 15c each, $1.60 doz., $13.00 100.

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Boston ferns, 2½-in., $3.50 100; 3-in., $8.00; 4-in., $12.00; 5-in., $25.00; 6-in., $40.00. Also some fine specimens in pans.

W. H. Gullett & Sons, Lincoln, Ill.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.

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In replanting maidenhair, have 1000 divided plants to spare, cuneatum and princeps, 8c 100. Cash. Henry Payne, Hinsdale, Ill.

Boston and Piersoni ferns, all sizes from 2½-in. to 10-in. Over 20,000 in stock. Write us.

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Bostons, fine 2, 2½, 3 and 6-inch stock at $1.00, $2.00, $3.00, $5.00 and $30.00 per 100.

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Japanese fern balls, 5-in. diameter, in prime condition, $1.25 per 10; $10.00 per 100.

JACKSON & PERKINS CO., Newark, New York

3000 Adiantum farleyense stumps, $8.00 100. Cash with order.

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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.

JOHN SCOTT, Keap St., Brooklyn, N. Y.

Maidenhair ferns, 4-in., $1.25 per doz.

S. Whitton, 15 Gray Ave., Utica, N. Y.

50 Boston ferns, 5-in. pots, 25c each.

Jos. H. Cunningham, Delaware, O.

Maidenhair ferns, 50c per doz.

Cottage Home Rose Garden, Belton, Tex.

FEVERFEW.

Little Gem feverfew, rooted cuttings, $1.00 100. Cash. H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Feverfew, 2½-inch pots, good strong plants, per 100, $2.00.

Crown Point Floral Co., Crown Point, Ind.

Feverfew Little Gem, $1.00 per 100 by mail.

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Feverfew Little Gem, 2-in., $2.00 per 100.

W. T. Stephens & Co., Brookfield, Mo.

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Forget-me-nots, strong plants, 2½-in., $1.50 100. L. W. Franks, Montpelier, Ohio.

FUCHSIAS.

Fuchsias, white and dbl. purple, all shades, single, 40c doz., $2.50 100, $20.00 1000.

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Fuchsias, good sorts out of 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.

J. C. Schmidt Co., Bristol, Pa.

Fuchsias, single and double, 3-in. pots, $3.00 100; 200 for $5.00. Cash.

C. G. Nanz, Owensboro, Ky.

Fuchsia Little Beauty, 2-in., good strong plants, $2.00 per 100.

E. B. Randolph, Delavan, Ill.

Fuchsias, in variety, 2¼-in. 50c doz., $2.50 100.

R. Vincent, Jr. & Son, White Marsh, Md

Fuchsia Little Beauty, 3-in., $5.00 100.

Carl Hagenburger, West Mentor, Ohio.

Fuchsias, assorted, $2.50 per 100.

The McGregor Bros. Co., Springfield, Ohio.

FUNKIA.

Funkia undulata fol. variegata, undivided plants, $8.00 per 100; $75.00 per 1000.

H. Pladeck, Middle Village, N. Y.

GERANIUMS.

Geraniums, $2.00 per 100, $20.00 per 1000. 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants.

Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, La Favorite, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.

Scented—Balm, Fernifolia, Odorata, Lemon, Oak Leaved, Mrs. Taylor, Shrubland Pet.

R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums S. A. Nutt, 4-in., 3½-in., 3-in. and 2½-in.; Pasteur, 4-in., 3½-in., 3-in. and 2½-in.; Le Soleil, 4-in. and 3½-in.; Trego, 4-in., 3½-in., 3-in. and 2½-in.; La Favorite, 4-in.; Jean Viaud, 4-in.; E. G. Hill, 4-in., 3½-in., 3-in. and 2½-in. Price: 4-in., $8.00 per 100; 3½-in., $6.50; 3-in., $5.00; 2½-in., $3.00.

Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Geraniums. Finest bedding varieties in all colors, mixed, 2½-inch, strong, healthy, ready for 4-inch. Will make fine plants for Memorial day. $3.00 per 100; $25.00 per 1000. A few hundred fine plants from 4-in., in bud and bloom, $10.00 per 100. Ready to ship at once. Satisfaction guaranteed. Cash with order.

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Geraniums, two good novelties, Bruant type, good bedders. J. Madaline, dbl. rose pink, and C. de Chantemarle, single salmon, better than Mrs. E. G. Hill. Try them. Rooted cuttings $2.00 per 100, or 25 of each, $1.30 postpaid. Cash. Wm. Blerstadt & Son, Springfield, Ill.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong, 2½-in. plants, $5.00 per 100.

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New geraniums, Goliath, Gov. Stone and Double Dryden, $8.00 100. E. E. Rexford, J. D. Eisele, James Davidson, $5.00 100. Standard varieties, out of 4-in. pots, $5.00 per 100.

Henry Eichholz, Waynesboro, Pa.

Geraniums, dbl. and single, 2½-in., 50c doz., $3.00 100. Trego, 60c doz., $3.50 100, $30.00 1000. Mt. of Snow and Ivy-leaved, 50c doz., $3.00 100; scented, 50c doz., $2.50 100.

Good & Reese Co., Springfield, O.

Geraniums Double Grant, Nutt, Buchner and Poitevine, extra strong 4-inch plants in bud and bloom and 3-inch, $2.00 and $3.00 per 100; $18.00 and $25.00 per 1000.

Wm. S. Herzog, Morris Plains, N. J.

A few thousand geraniums, mixed varieties of standard bedding sorts, 2½ to 3-in. pots, $2.00 per 100; $15.00 per 1000. Cash.

C. G. Nanz, Owensboro, Ky.

Geraniums, 3-in., extra strong, $4.00 per 100.

W. H. Parsil, Summit, N. J.

GERANIUMS—Continued.

Geraniums. S. A. Nutt, Double Gen. Grant and other varieties, out of 3-in. pots, $4.00 per 100; extra fine stock.
Geo. H. Benedict, Yorkville, N. Y.

Geraniums. Nutt, Ricard, Poitevine, Viaud and La Favorite, bushy plants in bud and bloom, 4-in., $7.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

1000 geraniums, 2¼-in. pots, mostly S. A. Nutt and white double; extra fine plants, ready for 4's, $1.25 per 100
The Stover Floral Co., Grandville, Mich.

800 Mme. Salleroi geraniums, 2-in. pots, in good shape, $15.00 for the lot or $2.50 per 100. Cash please.
Wm. Lee & Son, Bedford, Ohio.

Geraniums. S. A. Nutt and varieties, extra fine stock, 4-in., $7.00; 3-in., $5.00 per 100.
B. Hasselbring, Flint, Mich.

Geraniums. 2000 in standard varieties, 2¼-in., pot-bound, $2.00 per 100, $17.50 per 1000.
S. M. Harbison, Danville, Ky.

Geraniums, scarlet, 2½-in., strong, $2.00 100. Pennyroyal, scented, 2½-in., $2.50 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

Geraniums, double, very fine plants in best varieties, 3½-inch, $5.00 100. Cash.
Wm. J. Chlanick, Trenton, N. J.

Geraniums in flower, 4-in. pots, $6.00 100, without pots; $7.00 100, with pots.
Crabb & Hunter, Grand Rapids, Mich.

Geraniums, 10 var., 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums, strong S. A. Nutt, out of 3½-in. pots, $6.00 per 100.
Geo. A. Rackham, Detroit, Mich.

Geranium, fancy Mrs. Parker, fine 2½-in., at $5.00 per 100.
McGregor Bros. Co., Springfield, O.

Assorted geraniums, 3½-in., $7.00 100.
Mountain Villa Conservatories, Box 254, Sharon, Mass.

Geraniums, good varieties, 4-inch, per 100, $8.00. Crown Point Floral Co., Crown Point, Ind.

2000 Dbl. Grant geraniums, 2½-in., $2.00 100.
J. H. O'Hagan, Little Silver, N. J.

Geraniums, scented, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

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It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue free.
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American hyb. Elite, 1st size	.15c	90c	$8.00
American hyb. Elite, 2nd size	.10c	75c	6.50
Groff's hybrids unrivalled	.30c	$2.00	18.00
All white and light	.25c	1.75	15.00

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Gladioli Shakespeare, Augusta, May, white and light, best mixed. Groff's Hybrids, etc. Selected bulbs for florists' use.
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Gladiolus bulbs. Shakespeare, May, Ben Hur, Mrs. Beecher, No. 1900, sizes 1 and 2; Augusta, Eugene Scribe, white and light, size 1. Choice mixed.
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Our gladiolus bulbs are good. Try them.
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Gladioli, mixed varieties, at $8.00 per 1000. Central Michigan Nursery, Kalamazoo, Mich.

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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa; Anemone Pennsylvanica; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortieri; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.
Not less than 10 of one variety and no order received for less than $1.00 at these prices. Cash with order.
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For your trees, shrubs, vines and small fruits, send to
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Collected white pine and hemlock, 4 to 12-in., $8.00 per 1000; 1½ to 3 ft., good roots and tops, $30.00 per 1000. Betula lenta, lutea, papyracea, 1 to 3 ft., $8.00 per 1000. Viburnum cassinoides, dentatum, lantanoides, 1 to 2 ft., $8.00 per 1000. Viburnum lentago, 1 to 4 ft., $15.00 per 1000; 4 to 8 ft., bushy, good roots, $15.00 per 100. Aspidium acrostichoides, marginale, spinulosum, $2.00 per 100. Onoclea strutheopteris, $4.00 per 100. Osmunda clanamonea, claytonia, regalis, $4.00 per 100, $25.00 per 1000. Lobelia cardinalis, large plants, $2.50 per 100. L. E. Williams, Nottingham, N. H.

Surplus. Outdoor grown. Genuine bargains. Mandevilla Suav., 2-yr., 10c. Y. Banksia, B. of Glazenwood, Crimson Rambler, 2-yr., 4-in. (dne). 12c; 1-yr., 4-in., 6c. L. Marie violets, full of runners, 2c. California violets, $1.50 per 100. Sax. Sarmentosa, smilax and Asp. Spren., 1c. Mixed cosmos, 1c. Pepper tree seedlings, 3c. Acacia floribunda, 2 to 3 ft., 15c.
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Helianthus, hardy dwf. sunflower, multiflorus dbl. and rigidus single, 2-in., 30c doz., $2.00 100. Rudbeckia Golden Glow, 2-in., 40c doz., $2.50 100, $20.00 1000.
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Hardy phlox, 20 varieties, mixed, and pure white; divided field clumps, 3 to 5 eyes, $3.50 per 100; $30.00 per 1000.
W. E. Fullerton, Whitman, Mass.

Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000. Rudbeckia Golden Glow, 2½-in., $2.00 100.
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Small fruit trees, shade and ornamental trees, shrubs, etc. Send for our list.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Hardy phlox from 3-in pots, 4 to 6 eyes, in choice mixed colors, $5.00 per 100.
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Hydrangea pan. grand., fine stock, 30, 2-yr., $3.00; 1-yr., 50, $2.50. Cash.
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Rudbeckia Golden Glow, fine plants, $1.00 per 100, $8.00 per 1000. Cash.
A. A. Harper, Pine Bluff, Ark.

Rudbeckia Golden Glow, good divisions, 60c 100, $5.00 1000. Cash.
C. G. Naaz, Owensboro, Ky.

Hardy garden carnations, extra fine, to bloom in June, $3.00 100.
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Pin oaks, 10 to 12 feet, $1.00 each, $75.00 per 100. Samuel C. Moon, Morrisville, Pa.

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Heliotrope, two varieties, 2½-inch, $2.00 100; 3½-inch, fine, $5.00 100. Cash.
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Heliotropes, 6 best sorts, 2-in., 35c doz., $2.50 100, $20.00 1000.
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Heliotropea, best dwarf varieties, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

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Heliotrope Florence Nightingale, $2.50 100.
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Heliotropea, best varieties, $2.50 100.
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Hibiscus, 10 leading sorts, dbl. and single, 2-in., 40c doz., $3.00 100, $25.00 1000.
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Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

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Honeysuckles, Hall's Japan, Chinese Evergreen, Scarlet Trumpet, Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000.
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Honeysuckles Halliana, Chinese Evergreen, golden leaved, $2.00 100.
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Hall's Japan, field-grown, strong, $4.00 per 100. Cash. Benj. Connell, West Grove, Pa.

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Hydrangea azurea, sky-blue, new Paris variety; 2-year-old plants for growing on to specimens, from 6-in. pots, $75.00 per 100. Cash with order, please.
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Hydrangea hortensis rosea, finest introduction of late years, 2½-in. pot cuttings, well-rooted, $6.00 per 12; $45.00 per 100. Ready for immediate delivery.
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Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
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Hydrangeaa Otaksa, Hortensis, 4-in. pots; mostly in bud, $8.00 per 100. Cash.
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Hydrangea pan. grand., fine, bushy stock, 30, 2-yr., $3.00; 1-yr., 50, $2.50. Cash.
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Hydrangea Otaksa, good plants from $3.00 to $9.00 per doz.
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Hydrangeas, strong stock, 4 to 6-in. pots, 10 to 20 cents.
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2500 hardy English ivy; good strong plants from 2 to 4 branches, 4 feet high. $10.00 100. Cash with order.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100. $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, 1000 extra strong bushy plants, 4-ft. high, $15.00 100; $2.25 doz. 100 extra fine 8-ft. plants, $4.00 doz.
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Ivy, German and English, 2-in., $2.00 100; rooted cuttings, 75c. Cash or C. O. D.
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English ivies, out of 3-in pots, vines 3 to 4 feet long, $5.00 per 100.
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German ivy, 2½-in., $2.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

German ivy, 2-in., $2.00 100.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Japanese bamboo plants, large size, in fine conditon. Bamhusa nana, pygmaea, Alphonse Karri, 50c each, $5.00 doz. B. aurea, 45c each, $4.50 doz. B. argenteo striata, Veitchii, 60c each, $6.00 doz. Collection 1 plant each, 6 var., $3.00; 6 plants each, 6 var. (36 plants), $15.00.
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Jasmines Grand Duke, Cape, 2-in., 50c doz., $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
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LANTANAS.

Lantanas, 2½-in. pots, assorted colors, $3.00 per 100. Cash please.
"Critchell's," Avondale, Cincinnati, O.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Lantanas, assorted, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LEMONS.

Lemon ponderosa, 2-in., 50c doz., $3.00 100; 15 in. high, 3-in., $1.00 doz., $8.00 100; 20 in. high, 4-in., $1.50 doz., $12.00 100; 36 in. high, 6-in., $5.00 doz.
Good & Reese Co., Springfield, O.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
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The finest in the market for early forcing, $1.50 100; $13.00 1000; $30.00 per case of 2500. This stock is unsurpassed.
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Empress lily of valley, $12.00 1000. Case 2500, $25.00.
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Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

Cut flowers of valley, at all times, $3.00 per 100.
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Lobelia Crystal Palace comp., 2¼-in., $2.25 100.
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Madeira vines, strong roots, 25c doz., $1.50 100, $10.00 1000.
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Madeira vines, 60c per 100.
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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
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MOONVINES.

Moonvines, 2-in., blue and white, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Moonvines, white, 2¼-in., $3.00 per 100.
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OLEANDERS.

Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

ORCHIDS IN VARIETY. To make room for new importations, I offer the following at greatly reduced prices. Stock is first class. AERIDES in variety. ANGRAECUM sesquipedale; BRASSAVOLA digbyana; CATTLEYAS Bowringeana, Dowiana, Gaskelliana, Mendelii, Schroederiana, Skinneri; TRIANAE, about 100 plants from 4-in. pots to specimen plants. CHONDRORHYNCHA Chestertoni; COELOGYNE cristata; CYPRIPEDIUMS calorum, Sedeni candidulum, barbatum, dominianum, Schlimii, cardinale; DENDROBIUM bigibbum; PHALAENOPSIS Schroederi, formosum, densiflorum, epideadrum aromatic, O'Brieni; Laelia albida specimen, Dayana, harpophylla, jongheana, praestans, purpurata, cinnabroso hybrid; latona hybrid, Cattleya Sheila hybrid, masdevallia Harryanum; MILTONIA vexillaria; ODONTOGLOSSUM Rossii; Phajus hybrid.

PHALAENOPSIS.

Largest stock in America; established and newly imported. Amabilis, Amethystina, Esmerelda, grandiflora, Luddemanniana, rosea, Schilleriana, Leucorrhoda, Stuartiana. RENANTHERA Storiei, saccolabium violacea, Sobralia macrantha, Thunia alba, Vanda lamellata. Write for prices.
R. Schiffmann, M. D., St. Paul, Minn.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

Cattleya Trianae, established and unestablished. Address
Thomas Jones, Short Hills, N. J.

PALMS, ETC.

Palms, fine plants; more for your money than from Belgium.
Latania borbonica, from 5½-in. pots..$25.00 100
Kentia Belmoreana, " 3-in. " .. 15.00 "
" " " 4-in. " .. 25.00 "
" " " 4½-in. " .. 35.00 "
" " " 5-in. " .. 45.00 "
" Forsteriana, " 3-in. " .. 20.00 "
" " made-up plants, 5 to 7-in. pots, about 2½ to 3-ft., high, $18.00 per doz.
Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

		100
300	Kentia Forsteriana, 3-in. pots	$12.00
600	Kentia Forsteriana, 4-in. pots	25.00
200	Kentia Belmoreana, 4-in. pots	25.00
200	Latania borbonica, 5-in. pots	25.00

Walker & McLean, Youngstown, Ohio.

Here are some good palms cheap. 100
Latania Bor., 2-in. pot, seed leaves..$ 3
" " 3-in. pot, 15-18 in., 2-3 ch. lvs. 12
" " 5-in. pot, 18-20 in., 3-4 ch. lvs. 15
" " 5-in. pot, 20-24 in., 4 ch. lvs. 20
Kentia Bel., 2½-in. pot, 8-10 in., 2-3 leaves.. 12
" " 2½-in. pot, 15-18 in., 3-4 leaves 15
" " 3-in. pot, 15-18 in., 4-5 leaves.. 18
" " 3-in. pot, 18-24 in., 5-6 leaves.. 20
Sherman Nursery Co., Charles City, Ia.

Palms at auction prices. See last week's FLORISTS' REVIEW for sizes and prices.
Albert Fuchs, 2059 No. Halsted St., Chicago.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Kentias, strong; 3-in., $12.50; 4-in., $25.00 100. W. W. Coles, Kokomo, Ind.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size and greatest variety of rich and rare colors and markings. Every variety worth growing, including all the giant sorts, are in this strain and they were grown from seed specially selected from the finest flowers of each sort. Fine stocky, hardy, field-grown, seed-bed plants, sowed thinly, nearly all in bud, good as medium size transplanted; all varieties mixed, $4.00 per 1000; 500, $2.25. Cash with order. Pansies a specialty for 30 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100, $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

Pansies, twice transplanted, in bud and bloom, all the finest strains grown, per 100 $2.00; once transplanted fine plants, in bud and bloom, per 100, $1.00. J. Sylvester, Oconto, Wis.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large plants in bloom, $1.00 100, $8.00 1000; 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansy plants, fall transplanted, large plants well set with buds and bloom, $1.25 100. Fine stock and prompt shipment. Cash, please.
Stephen Chase, Nashua, N. H.

500,000 pansies that give satisfaction wherever used, $10.00, $15.00 and $20.00 1000, according to size. I. E. Coburn, Everett, Mass.

Pansies, fancy stock, large clumps all in bloom, $4.00 per 100. Cash.
I. Merwin Rayner, Greenport, N. Y.

Pansies, strong plants in bud and bloom, $2.00 100. Cash.
H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

PELARGONIUMS.

Pelargoniums, 10 best named varieties, 2½-inch, $3.00; 3½-inch, $6.00 per 100, all in bud and bloom. J. Sylvester, Oconto, Wis.

Pelargoniums, 2½-in., in bud and bloom, 3 good varieties, to close out, $3.00 per 100.
Krueger Bros., Toledo, O.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, double pink, good variety; good roots, $6.00 per 100.
Levant Cole, Battle Creek, Mich.

PETUNIAS.

Petunias. White or pink.....$3.00 per 100
Assorted ..... 2.50 per 100
Mixed ..... 2.00 per 100
The McGregor Bros. Co., Springfield, Ohio.

Petunias, finest single fringed, extra strong, 2½-inch and 3-inch, $1.75 and $3.00 per 100; $16.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Petunias, dbl., fine, assorted, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double-fringed petunias, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Seedling petunias, $3.00 100.
Jos. H. Cunningham, Delaware, O.

Double fringed petunias, 3 varieties, separate colors, in bud and bloom, $2.50 per 100, $20.00 per 1000. Krueger Bros., Toledo, O.

POINSETTIAS.

500 poinsettias, dormant stock, two and three years old, $6.00 100. Cash with order.
DE PEW BROTHERS, Nyack, N. Y.

PRIMULAS.

Primula Forbesii, Baby primrose, 2-in., 50c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Baby primrose, Forbesi, 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIVET.

CALIFORNIA PRIVET.	1000.
2-yr., 2 to 2½-ft., very bushy	$20.00
2-yr., 18 to 24-in., very bushy	16.00
2-yr., 12 to 18-in., very bushy	10.00
1-yr., 12 to 18-in., branched	9.00
1-yr., 10 to 12-in., branched	7.00
Cuttings, 8-in., strong	.80
Cuttings, 8-in., light	.60

J. H. O'Hagan, Little Silver, N. J.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
Good & Reese Co., Springfield, O.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. C. Eisele, Box 100, West End, N. J.

Ligustrum Ibota, hardy Japan privet, 4 to 5 ft., $10.00 per 100, $80.00 per 1000.
Samuel C. Moon, Morrisville, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendrons. Parson's hardy hybrids in 8 choice named varieties; fine plants, 20 to 24 inches high, well set with flower buds. Price to close them out, only 60c each, 12 for $6.50.
L. Templin & Sons, Calla, Ohio.

ROOTED CUTTINGS.

	100.	1000.
Rooted cuttings		
Coleus, 10 best sorts	60c	$5.00
Coleus, Verschaffeltii, Golden Bedder and Firebrand	75c	6.00
Salvias splendens, Bonfire	$1.00	9.00
Heliotropes, light and dark	1.00	9.00
Ageratum Stella Gurney	60c	5.00
Water or Parlor ivy	60c	
Sweet alyssum, giant dbl.	60c	
Marguerites, white, yellow	$1.00	
Lantanas	1.00	
Lemon verbenas	1.00	

Cash with order, please. No orders for less than $1.00.
"Critchell's," Avondale, Cincinnati, O.

Rooted cuttings. Ageratums—Gurney, Pauline; Alternantheras—yellow, 50c 100. Double petunias—12 kinds, $1.00 per 100. Stevia var., 75c per 100. Vinca var., 75c per 100. Fuchsias—5 kinds. Heliotropes—blue, $1.00 per 100. Prepaid. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

TWO NEW ROSES.

CARDINAL, a cross between Liberty and an unnamed carmine seedling; a strong robust grower, with large, massive crimson flowers, deliciously fragrant; never shows an open center; keeping qualities first-class. Price: 2½-in. pots, $30.00 100. No order for less than 50 accepted.

ENCHANTER, a cross between Testout and an unnamed seedling; the most prolific bloomer under glass; makes no blind wood and never stops growing; every shoot produces a handsome, clear pink flower which never fades; is a good keeper. Price: 2½ and 3-in., $30.00 100. Cash.
John Cook, 318 No. Charles St., Baltimore, Md.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme.C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am.Beauty	6.00	50.00			

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
2-in. .....$5.00 per 100; $45.00 per 1000
3-in. ..... 6.00 per 100; 55.00 per 1000
4-in. ..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

Roses. Maids, Brides, Gates, strictly No. 1 stock, $3.50 100; $30.00 1000.
2-yr.-old Beauties, Maids, Brides, from bench. Price on application.
Poehlmann Bros. Co., Morton Grove, Ill.

ROSES—Continued.

ROSES.
FROM 2½-IN. POTS.

HYBRID PERPETUALS, $4 per 100, $35 per 1000. Alfred Colomb, crimson; Anne de Diesbach, pink; Baron de Bonstettin, maroon; Caprice, striped; Caroline de Sansal, rose; Cl. Jules Margottin, pink; Clio, flesh; Coquette des Alps, white; Coquette des Blanches, white; Duc de Rohan, vermilion; Fisher Holmes, crimson; Gen. Jacqueminot, crimson; Gen. Washington, red; Gloire de Margottin, scarlet; John Hopper, pink; John Keynes, maroon; Jules Margottin, carmine; La Reine, rose; Mme. Gabriel Luizet, rose; Mme. Georges Bruant, white; Mme. Plantier, white; Magna Charta, rose; Marchioness of Lorne, red; Margaret Dickson, white; Marshall P. Wilder, crimson; Maurice Bernardin, red; Mrs. Cleveland, flesh; Mrs. John Laing, pink; Mrs. Sharman-Crawford, rose; Oakmont, pink; Paul Neyron, pink; Pierre Notting, maroon; Pride of Waltham, carmine; Prince Camille de Rohan, maroon; Ulrich Brunner, red; Victor Verdier, rose.

TEAS and HYBRID TEAS, $4 per 100, $30 per 1000.

Agrippina, red; Bon Silene, crimson; Bridesmaid, pink; Caroline Marniesse, white; Catherine Mermet, pink; Champion of the World, pink; Clothilde Soupert, flesh; Duchess of Albany, pink; Hermosa, rose; Kaiserin A. Victoria, white; La France, pink; Mamau Cochet, rosy-carmine; Marie Guillot, white; Mrs. Degraw, pink; Meteor, crimson; Pink Soupert, deep pink; Perle des Jardins, yellow; Queen's Scarlet, scarlet; Souvenir de la Malmaison, flesh; Sunset, yellow.

CLIMBING and RAMBLER ROSES, $4 per 100, $30 per 1000.

Baltimore Belle, blush; Crimson Rambler, crimson; Empress of China, red; Gloire de Dijon, creamy; Helene, rose; Marechal Niel, yellow; Pink Rambler (Euphrosyne), pink; Queen of the Prairies, red; Russell's Cottage, crimson; Seven Sisters, pink; Tennessee Belle, blush; White Rambler (Thalia), white; Wichuraiana, white; Yellow Rambler (Aglaia), lemon.

DOROTHY PERKINS, new, shell-pink, $5 per 100; $45 per 1000.

MOSSES, $4.50 per 100; $40 per 1000.

Blanche Moreau, white; Blanche Robert, white; Crimson Globe, crimson; Princess Adelaide, pink.

25 at 100-rate, if not less than 5 of a variety; 250 at 1000 rate, if not less than 25 of a variety; special rates on lots of 5000 or more; offered subject to our usual terms and conditions of sale.

Send for descriptive price-list.
JACKSON & PERKINS CO., Newark, New York.

Rose plants, strong, 2½-in. stock.

	100	1000		100	1000
Uncle John.	$20.00	$150	Liberty	$5.00	$40.00
Bon Silene	6.00	50	Bridesmaid.	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty.	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise $8.00 $70.00
Liberty	8.00	70.00	G. Gate 7.00 60.00

The Bentley-Coatsworth Co., 35 Randolph St., Chicago.

Rose plants, 2-inch stock.

	100.	1000.		100.	1000.
Bridesmaid.	$3.00	$25.00	G. Gate	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty.	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reiuberg, 51 Wabash Ave., Chicago.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Young rose stock. Per 100:

Brides,	2-in.,	$2.50; 2½-in.,	$3.50
Bridesmaids,	2-in.,	2.50; 2½-in.,	3.50
Ivory,	2-in.,	2.50; 2½-in.,	3.50
Perles,	2-in.,	3.00; 2½-in.,	4.00
Kaiserin,	2-in.,	3.00; 2½-in.,	4.00
Hermosa and Soupert,		2½-in.,	2.50

James C. Murray, Peoria, Ill.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT. BRIGHTON MASS.

	100	100		100	100
	2½-in.	3-in		2½-in.	3-in.
Beauties	$8.00	$10.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

W. H. Gullett & Sons, Lincoln, Ill.

Grafted roses, Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses, 2-in., leading sorts, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Beauties, 2¼-in., $6.00 per 100, $50.00 per 1000; 3-in., $8.00 per 100, $70.00 per 1000. Queen of Edgely, 3-in., $8.00 per 100, $70.00 per 1000. Brides, Bridesmaids, Meteors, Liberties, 2¼-in., $3.00 per 100, $25.00 per 1000. Ivory, 3-in., $6.00 per 100, $50.00 per 1000.
J. F. WILCOX, Council Bluffs, Iowa.

Roses, 2½-in. Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Glory de Polyantha, Mignonette, $2.50 100, $20.00 1000; Ball of Snow, 2-yr.-old, 4-in., $8.00 100.
Springfield Floral Co., Springfield O.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Bridesmaids, $12.00 per 100; Libertics, $15.00 per 100.

Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 70 Wabash Ave., Chicago.

GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice, well-rooted stock, grown especially for the trade.
W. W. Burnard & Co., 161 Kinzie St., Chicago.

Grafted Bride and Bridesmaid, clean and in splendid condition to shift into 3-inch pots, $12.00 100; $100.00 1000.
F. Macrae & Sons, 1138 Smith St., Providence, R. I.

Maman Cochet, white and pink, 2-in. pots, strong plants, $20.00 per 1000; $2.50 per 100; 4 and 4½-in. pots, strong plants, $8.00 per 100.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses from 2½-in. pots. 1000 Golden Gate, 1000 Ivory and a few Bride and Maids, $2.25 100; $20.00 1000. Fine stock, guaranteed O. K.
Fostoria Floral Co., Fostoria, O.

Extra heavy dormant field-grown Crimson Ramblers, finest you ever saw; 12 for $2.50; 25 for $4.50; 50 for $8.88; 100 for $15.00.
Templin & Sons, Calla, O.

Surplus roses. Meteors, Brides, Bridesmaids, Golden Gates, 2-in., ready for 3-in., $2.50 per 100. Fine stock, sure to please.
G. Van Bochove & Bro., Kalamazoo, Mich.

Mme. Chatenay, most profitable pink rose in the Chicago market this year, fine, healthy stock, $6.00 100; $50.00 1000.
Emil Glauber, Montclair, Colo.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

Roses. We are headquarters for own-root and low-budded H. P.'s; also Crimson Ramblers.
CLUCAS & BODDINGTON CO., 812 Greenwich St., New York.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 per 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

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500 American Beauty roses, own roots, strong plants from 2½-in. pots, now ready, $6.00 per 100. W. E. Fowler & Co., Holly Oak, Del.

2000 Golden Gate Roses, 2½-inch pots, $3.00 100. Ready to shift to 4-in.; clean, healthy stock. C. A. Work, Madison, N. J.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Hardy roses, 2-year-old bushes, all leading var., $11.00 per 100, $100.00 1000.
A. T. Boddington, 35 Warren St., New York.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

AMERICAN BEAUTIES, fine stock from 2½-in., $5.00 per 100.
South Park Floral Co., New Castle, Ind.

H. P. and Crimson Rambler roses, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.50 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Bride, Maid and Golden Gate roses, 2-in., $3.00 100. S. D. Brant, Clay Center, Kan.

BUSINESS BRINGERS—
Review
Classified Advs.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvias. Bonfire, Silverspot and splendens, 2¼in., $2.00 100; $17.50 1000. Holt's Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens and Bonfire, extra strong 2½-in., $1.75 per 100; 3-in., $3.00 per 100; $16.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Salvia Bonfire, strong plants, 2-in., $2.00 100, 300 for $5.00. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Salvia splendens, 2½-inch pots, $2.00 100. Cash. Wm. J. Chinnick, Trenton, N. J.

Salvias, nice 2¼-in. stock, $2.00 per 100.
W. H. Parsil, Summit, N. J.

Salvia splendens, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

	100.	1000.	5000.
Asparagus plumosus nanus	65c	$5.00	$23.00
Asparagus Sprengeri	15c	1.00	3.75

Primula sinensis fimbriata,

Primula alba magnif., white	25c	1.75
Primula coernlea, finest blue	35c	1.75
Primula Kermesina, crimson	25c	1.75
Primula delicata, rose	25c	1.75
Primula coccinea, finest blue	35c	1.75
Primula choicest mixed	20c	1.50

Primula Forbesi, Baby primrose, obconica grand., rose, white, trade pkt., 50c.
H. H. Berger & Co., 47 Barclay St., N. Y.

Primula chinensis, alba magnifica, white; Holborn Blue; Kermesina splendens, crimson; Rosy Morn, pink; fern-leaved, mixed colors, 60c ½ trade pkt., $1.00 trade pkt. Michell's dbl. white and dbl. mixed. Michell's choicest European mixture, same price as above; also 1-16 oz., $2.00.

Stellata (Sutton's Star), original packet, $1.25. Primula obconica grand. fimbriata, white, 1-16 oz., $1.00; trade pkt., 50c. Kermesina, red, 40c trade pkt.: rosea, pink, white, hybrida, mixed, 30c trade pkt.
H. F. Michell Co., 1018 Market St., Phila.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe Island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

CARLSON ASTER—true strain—pink, lavender, white, and mixed. Per trade packet, 25c; ¼ oz., 50c.

ASPARAGUS PLUMOSUS NANUS—guaranteed germination—greenhouse grown, $7.00 per 1000.

SPRENGERI, 50c per 1000.
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Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
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Semple's Branching aster seed, white, pink and lavender; separate colors, ⅛ oz., 15c; ¼ oz., 25c. Postage paid.
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Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Wholesale price list of seeds for florists and market gardeners.
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Seed of Burbank's Ever-Bearing Crimson Winter Rhubarb, $1.50 per oz. Send for circular and catalogue.
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Asparagus Sprengeri seed, 50c per 1000; $4.00 per 10,000.
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J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, $1.00 100; $6.50 1000. Cash.
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Asparagus plumosus nanus seed, $5.00 1000. Express prepaid.
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Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

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Spiraeas, fine dormant plants, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

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CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.

TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.

CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.

PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.

The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.

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C. O. Williams, 99 Water St., Batavia, Ill.

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CELERY—White Plume and Golden self-blanching, 25 per 100; $1.00 per 1000.

TOMATOES—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, small plants for transplanting, 25c per 100; $1.00 per 1000.

BEETS—Eclipse and Crosby, 25c per 100; $1.25 per 1000.

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Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Transplanted tomato plants, Livingston's Improved Dwarf, Champion, Buckeye State, Beauty, Stone and a few of Chalk's Jewel. From seed bed, Beauty, Stone, L. D. Champion, Buckeye, Favorite, 15c 100, by mail 25c, $1.00 per 1000. T. C. Breece, West Berlin, Ohio.

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Vinca major variegata, 4-in. bushy plants, vines 3 to 4 feet long, $10.00 per 100; 3-in. strong vines at $5.00 per 100; 2-in. strong plants, ready for field planting, $2.00 per 100.
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5000 Vinca variegated and green. Extra fine plants in 4, 4½ and 5-in. pots, at $12.50, $15.00, $18.00 and $20.00 per 100.
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Vinca var. vines, 2-in., $2.50 100. Cash.
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Wanted—Myrtle for cemetery planting; ground or trailing myrtle; send price with sample and quantity you have to
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Wanted—Bouvardia Humboldtii and Bouvardia Pres. Garfield, from 2-in. pots or flats. Address No. 124, care Florists' Review, Chicago.

Wanted—Several thousand horseradish sets, 10 to 12 inches long preferred. Mail sample and price to L. Mosbaek, Onarga, Ill.

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WANTED—Continued

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BUSINESS BRINGERS— REVIEW Classified Advs.

THE VERBENA AS A BEDDER.

Twenty or thirty years ago the verbena as a bedding plant was second only to the pelargonium in popularity, but now it is far from common. In those days verbenas were almost entirely propagated by cuttings, and the plants were very subject to attacks by insects and, sometimes, in a damp or over-manured and grub-infested soil, were liable to disease. It is only in comparatively recent years that verbenas have been raised from seed, and such are models of health and vigor, making much more robust plants than cuttings, and producing as much blossom, the only drawback being that unless the seed is raised very early in the year they do not bloom so early as cuttings, which, like pelargoniums, may be showing for bloom even when planted out.

Verbenas need a fairly light, dry soil, which is rich in humus and the position must be a sunny one or they will produce more leaf than flower. The bed should be deeply dug and spent hotbed manure and leaf-mold freely added to it. Too much raw manure, like a wet, close soil, is apt to induce disease in a damp summer. The bed should be prepared early in the spring, though where bulbs or other spring flowers are grown on the bed this is not possible. The seed should be sown in heat in light, rich soil in February or March, preferably the former, and as soon as the plants are in their third leaf they should be pricked out round the sides of small pots, and after they have become established, kept close to the glass and allowed plenty of ventilation, so as to induce a good sturdy growth. By the end of March or beginning of April they should be nice little plants, ready to be potted off singly into small pots, in rich, sandy soil; and when they are well rooted in these pots they should be taken out of the house and put in a cold frame, near the glass, choosing genial weather to make the change, and afterwards putting a covering over the frame on cold nights.

By the middle of May they should be hardened off ready for planting out in the bed, care being taken that the sun does not shine on the plants the first day they are taken out of the frame, if they are at all succulent, and also that they do not suffer from drought at this stage of cramped root-room, as this has a stunting effect upon their after-growth. They should be planted out from one and a half to two feet apart, and as they grow the shoots should be securely pegged down over the bed until it is nicely covered, when they may be allowed to go their own way. On some parts of the bed there is almost certain to be a congestion of growth, and in such places the shoots should be thinned out, as more and finer flowers will be obtained from strong shoots thinly disposed than from a tangle of weak ones. The plants will stand a fair amount of

drought if the bed is well covered, and should not be watered unless the drought is prolonged, watering encouraging the production of leaf rather than blossom.

Verbenas have a marvelous brilliancy and variety of color, and, however early they come into flower, they will last until the frost comes, so that the object should be to get them into bloom as early as possible. They come pretty true from seed, and various colors may be obtained separately. As the mixed seed usually produces an undue proportion of the purples and purple-blues, it is a good plan to sow a separate packet of the scarlet with white eye, the rose, and perhaps the pure white, as well as a packet of the mixed, and then the darker colors can be kept in their proper numerical proportion, as they are neither so showy nor so beautiful as the scarlet and the rose, the former especially being a marvel of floriferousness. If an edging to the bed is wanted, there is a beautiful little dwarf strain, growing only about six inches high and forming compact little bushes covered with bloom. For this purpose it is very effective, especially if the border is of one color only, either blood-red or snow-white.

If it is desired to propagate some special favorites, cuttings can either be taken in the early autumn, like pelargonium cuttings, and struck in heat, or else, at the approach of frost, the plants can be taken up, with a good ball of earth, and carefully potted, and kept in the house during the winter, the cuttings being made in March from the new shoots. A better way is to put a score of plants in large pots, at planting-out time, and grow them on till they bloom, retaining the favorites in pots through the summer and ensuing winter, and putting out the remainder on the borders.

Verbenas have one distinct advantage over many bedding plants in that, while beds of most plants seldom completely recover from a heavy storm in August, a day or two of sunshine seems to restore the verbena to its former beauty. Being of a naturally low-growing character, and the main branches secured to the soil by pegs, they sustain much less damage from wind than most things do.—Gardeners' Magazine.

PELARGONIUMS FROM SEED.

It is not often that pelargoniums are raised from seed, and yet this is very easily done, and is very interesting work. Seed may easily be saved from one's own plants, and when this is done, of course, the finest varieties will be chosen for the seed parents. If the seed is saved from a plant standing by itself, or from plants on a bed of one sort only, the seedlings may be expected to come fairly true. It is more interesting, however, to get a packet of mixed seed from a good collection, as by this means a great variety will be obtained, and some which will be well worth perpetuating. It is sometimes stated in catalogues that plants raised from seed will bloom in eight or ten months from the time of sowing, so that it is obviously no use trying to get blossom the same year as the seed is sown.

I have found it a good plan, and one which gives the minimum of trouble in raising the plants, to sow the seed in pans in May or June. The pans may be put in a frame or greenhouse, and care should be taken to keep them shaded until the seedlings are up, as it is a somewhat treacherous time of the year to raise seeds if the weather should come very hot, owing to the danger of scorching. The seed should be sown very thinly, as the plants have large seed leaves. When the seedlings are in the fourth or fifth leaf they should be pricked out, putting about four in a forty-eight pot. When well rooted they may be kept outdoors till the autumn, by which time they will be vigorous plants six inches high. The tops may be pinched out, to make them bushy, if they show signs of becoming too leggy. They should be kept in a cool house, near the glass, through the winter, and not given much water, or they will make useless succulent growth. Early in the spring they should be each potted into sixty-sized pots, when, by the end of May, they will be fine plants for putting out in the open ground, or growing in pots. The foliage will vary from golden-green to greenish-black, and the blossom will probably vary as greatly. The markings on the leaves will be much deeper, and more clearly defined the second season than the first, unless their first season happens to be a very hot and dry one.

The plants should not be given rich soil, as the tendency of seedlings is to grow more rankly than cuttings do. They will not bloom so freely as cuttings the first part of the season, but will improve later. Of course, the plants raised from cuttings from these seedlings will have the restricted growth and floriferousness of plants raised in the ordinary way.—Gardeners' Magazine.

BATAVIA, ILL.—Andrew Anderson, formerly of this place, has returned after two years' absence, to take charge of the greenhouses formerly conducted by N. C. Moore.

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The following are books which can be recommended, each as the standard work in its own field:

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Achimines
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
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Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
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Browallia
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Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
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Cycas
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Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
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Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
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Celosia
Centaurea
Cheiranthus
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Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
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Decorative Pl'ts
Deutzia
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Dracaena
Drainage
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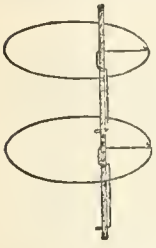

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RICHMOND, VA.—The heavy frost at the end of April caused a very heavy loss to many of those in the trade here. Outdoor planting was under way and the frost was sufficient to practically ruin all stock which had been put outside. Peonies and lilacs were badly injured.

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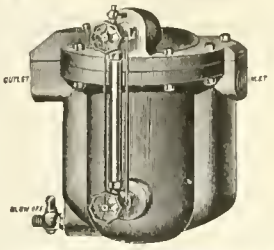

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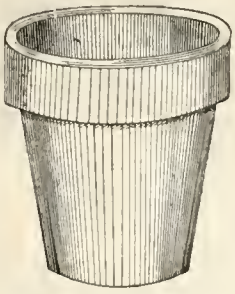

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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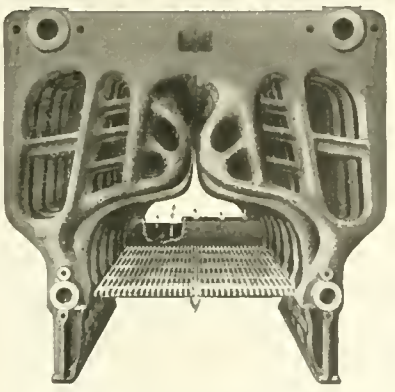

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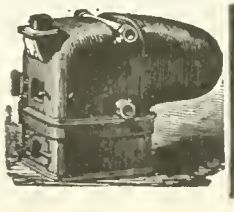

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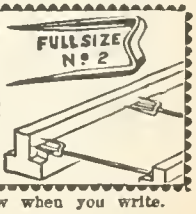

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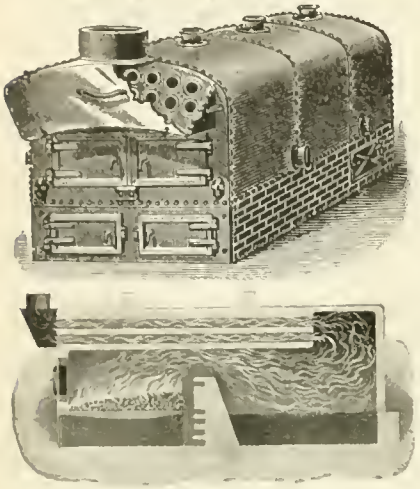

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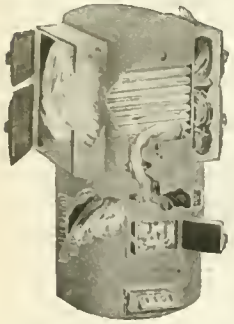

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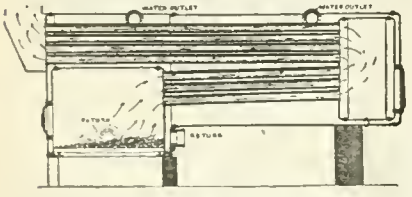

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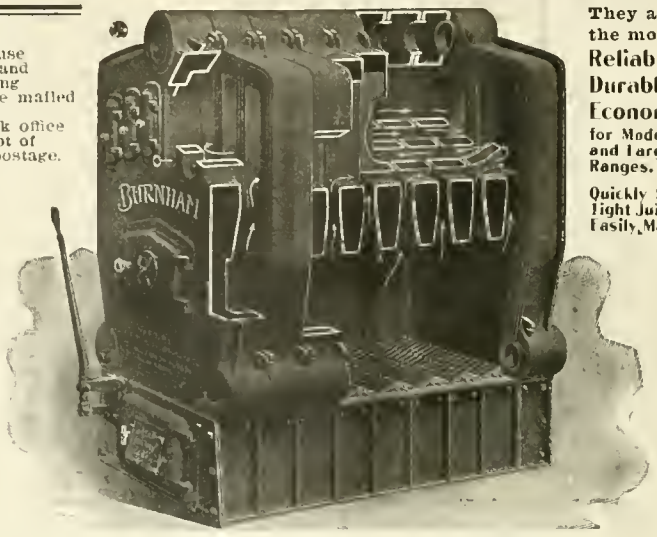

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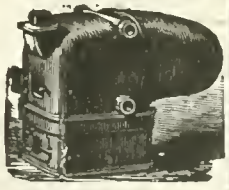

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Vol. XIII. CHICAGO AND NEW YORK, MAY 12, 1904. No. 337.

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Epimediums in variety, strong plants		1.50	12.00
Eupatorium Ageratoides	3	.75	6.00
" Coelestinum	3	.75	6.00
Euphorbia Corollata	3	.60	4.00
Funkia Alba	3	.75	6.00
" Variegata	3	.75	6.00
Gaillardia Grandiflora	4	.75	6.00
Geranium Sanguineum	3	.75	6.00
" " Album	3	.75	6.00
Gypsophila Paniculata, 1-year-old		.75	6.00
Helenium Autumnale Superba	3	1.00	8.00
" Grandicephalum Striatum	3	.75	6.00
" Pumilum	4	1.00	8.00
Helianthus, all varieties, strong plants		.75	6.00
Hemerocallis Aurantiaca Major		3.50	25.00
" Florham		3.50	25.00
Hemerocallis Dumortierii, strong plants		.75	6.00
" Fulva " "		.60	4.00
" Flava " "		.60	4.00
" Kwanso fl. pl. " "		.60	4.00
" Thunbergii " "		1.00	8.00
Heuchera Sanguinea	3	1.00	8.00
" " Alba	3	1.00	8.00
" rubescens	3	1.00	8.00
Hibiscus Militaris, strong one-year plants		.75	6.00
" Moschentos " "		.75	5.00
" " Roseus, strong 1-year plants		.75	5.00
" " Crimson Eye " "		.75	5.00
Iris Germanica, 12 choice named varieties		.75	6.00
" " choice mixture		.50	4.00
" Kaempferi, 24 choice named varieties		1.50	10.00
" " choice mixture		.75	6.00
" Sibirica Orientalis		1.00	8.00
" Pseudo Acorus		.75	6.00
Lychnis Chalcedonica	3	1.00	8.00
" " Alba	3	1.00	8.00
" " Carnea	3	1.00	8.00
" Haageana	3	.75	6.00
" Viscaria Splendens	4	1.00	8.00
Monarda Didyma	3	.75	6.00
" " Rosea	3	.75	6.00
" " Splendens	3	.75	6.00
Myosotis Palustris Semperflorens		.60	4.00
" Alpestris Grandiflorus		.60	4.00
Peonies, 25 choice varieties		1.50	12.00
" choice mixed		.75	6.00
Poppies, Iceland	4	.75	6.00
Phlox Perennial, 25 choice varieties	3	.75	5.00
" " in choice mixture	3	.50	4.00
" Subulata Rosea		.75	5.00
" " Alba		.75	5.00
Physostegia Virginica	3	.75	6.00

TRITOMA PFITZERII

	Inch pots.	Per doz.	Per 100
Physostegia Virginica Alba	3	$ .75	$ 6.00
" Denticulata	3	.75	6.00
Pinks, Hardy, 5 varieties	4	.75	6.00
Platycodon Grandiflorum, strong		.75	6.00
" Mariesi "		.75	6.00
Potentillas in variety	3	.75	6.00
Primula Veris Superba	3	.75	6.00
" Cortusoides Sieboldi	3	1.25	10.00
Pyrethrum Uliginosum, strong plants		.75	6.00
Rudbeckia Golden Glow	4	.50	4.00
" Maxima, strong clumps		1.00	8.00
" Purpurea	3	1.00	8.00
Romneya Coulteri	6	9.00	
Salvia Azurea Grandiflora	3	1.00	8.00
Santolina Incana	2¼	.50	4.00
" Chamaecyparissus	2¼	.50	4.00
Scabiosa Caucasica	4	.75	6.00
Saxifraga Cordifolia varieties	4	2.00	15.00
Sedum Acre, strong clumps		.50	4.00
" Spectabilis "		.75	6.00
Spiraea Filipendula fl. pl.	3	.60	4.00
Statice in variety	3	.75	6.00
Stokesia Cyanea	3	1.00	6.00
Thalictrum Aquilegifolium clumps		1.00	8.00
Thermopsis Fabacea	4	1.25	10.00
Trollius Europæus	3	.75	6.00
Tritoma Pfitzerii strong plants		1.00	6.00
" Corollina " "		1.00	6.00
" Macowanii " "		1.00	8.00
" Nobilis " "		4.00	30.00
" Otto Mann " "		4.00	30.00
" Uvaria Grandiflora " "		1.00	8.00

For Complete List of Hardy Perennials refer to our Current Trade List.

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	Size pots.	Per doz.	Per 100
Asparagus Plumosus Nanus	2-in.	$0.50	$3.00
" " "	3-in.	1.00	6 00
" Sprengeri, $18.00 per 1000	2 in.	.40	2.00
Abutilons, 6 best sorts, all colors	2-in.	.40	2.50
Ageratums, best sorts, blue and white	2-in.	.30	2.00
Ampelopsis Veitchii, $25.00 per 1000	2-in.	.50	3.00
" " field grown, 2 to 3 ft.		1.50	10 00
Antigonon Leptopus	2-in.	.50	3.00
Anemone, Queen Charlotte (new dbl. pink)	2-in.	.50	3.00
Aloysia Citriodora or Lemon Verbena, $20.00 per 1000	2-in.	.35	2.50
Araucaria Excelsa or Norfolk Island Pine, 3 to 4 tiers, fine, 85c each		9 00	
Alyssum, Giant flowered	2-in.	.30	2.00
Azalea, Chinese, 10 to 12-in. diameter, 50c each		4.00	30.00
Alternantheras, 2 sorts, red and yellow, $18.00 per 1000	2-in.	.30	2.00
Acalypha Sanderi, $25.00 per 1000	2-in.	.50	3.00
" Marginata, $20.00 per 1000	2-in.	.40	2.50
" Bicolor Compacta, new	2-in.	.75	5.00
Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24 inches		1.00	6.00
Begonias, 10 best flowering sorts, $20.00 per 1000	2-in.	.40	2.50
" Marjorie Daw, new trailing Begonia		.50	3.50
Camellia Japonica, all colors, fine plants, 2 ft. in height, 60c each		6.00	45 00
Cuphea, 2 sorts, red and purple flower	2-in.	.30	2.00
Clematis Paniculata	2-in.	.50	3.50
" The large flowering, strong 2-year, pot-grown plants, best sorts, including Jackmani, 30c each		3.00	20.00
Cestrum or Night Blooming Jasmine	2-in.	.40	2.50
Caladium Esculentum, good bulbs		.50	3.00
" " strong, 3½ to 4 in. diam.		1.00	7.50
Chrysanthemums, all the best sorts, at $20.00 per 1000	2-in.	.40	2.50
Chrysanthemums, new varieties	2 in.	1.00	
Caryopteris or Blue Spiraea, hardy	2-in.	.50	3.00
Cannas—All our Cannas are plants from pots, ready to grow right off, and are much superior to dormant eyes; Austria, Alemannia, Alsace, A. Bouvier, Chas. Henderson, Duke of Marlboro, Egandale, Florence Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Queen Charlotte and Souv. de Ant. Crozy, $27.50 per 1000		.50	3.00
Cyclamen Persicum Giganteum, $25.00 per 1000	2-in.	.50	3.00
Coleus, in 20 best bedding sorts, $15.00 per 1000	2-in.	.30	2 00
" Thyrsoidens, new flowering	2-in.	.50	3.00
" Christmas Gem, new	2-in.	.50	3.00
Crotons—We are the largest growers of Crotons in America, and offer 20 leading sorts, fine plants, $25.00 per 1000	2-in.	.50	3.00
Cycas Revoluta, fine plants, from $4.00 per doz. to $10.00 and $15.00 per doz.; also $24.00 per doz., according to size.			
Calycanthus Floridus, fine dormant plants		.50	4 00
Daisy, Double White (Snowcrest)		.40	3.00
" Marguerites, both yellow and white, the very best varieties, $17.50 per 1000		.40	2.00
Dahlias, dormant, field-grown roots, 12 leading colors		.75	5.00
Fern, Neph. Piersoni, the Ostrich Plume Fern, new; we have 30,000 to offer, $50.00 per 1000	2-in.	.75	6.00
Fern, Neph. Piersoni, 50c each	5-in.	5.00	
" " Bostoniensis	2-in.	.50	3 00
Ferns, three dwarf sorts for fern dishes, fine plants, $25.00 per 1000	2-in.	.40	3.00

	Size pots.	Per doz.	Per 100
Fuchsias—We have a fine stock of all the best white and double purple, and all shades of single, $20.00 per 1000		$ .40	$2.50
Geraniums, double and single flowered, in 40 best varieties	2½-in.	.50	3.00
Geraniums, E. H. Trego, new dbl. scarlet bedder $30.00 per 1000		.60	3.50
Geraniums, ivy-leaved, in 6 best sorts		.50	3.00
" scented, in 6 best sorts		.50	2.50
" Mountain of Snow	2-in.	.50	3.00
Gladioli, in best mixtures, $9 00 per 1000.			
" Good & Reese International Mixture, $20.00 per 1000		.50	2.50
Hypericum Moserianum or Goldflower-Hardy	2-in.	.40	2.50
Heliotropes, 6 best sorts, $20.00 per 1000	2-in.	.35	2.50
Helianthus, Hardy Dwarf Sunflower, in 2 sorts, Multiflorus, Double, and Rigidus Single	2-in.	.30	2.00
Honeysuckle, Hall's Japan, Chinese Evergreen, Scarlet Trumpet and Gulden Leaved, $22.50 per 1000	2-in.	.40	2.50
Hoya Carnosa, Wax plant	2-in.	.50	4.00
Hibiscus, 10 leading sorts, double and single, $25.00 per 1000	2-in.	.40	3.00
Jasmines, Grand Duke and Cape, $35.00 per 1000	2-in.	.50	4.00
" Grandiflora, Poetica and Revolutum	2-in.	.40	2.50
" Maid of Orleans	2-in.	.50	3 00
Justicia, Plume Plant	2-in.	.50	3.00
Lemon Ponderosa, the greatest of all plants for florists; blooms and bears enormous-sized fruit; easily handled, $25.00 per 1000	2-in.	.50	3.00
Lemon Ponderosa, 15 inches high	3-in.	1.00	8.00
" 20 inches high	4-in.	1.50	12.00
" " 36 inches high	6-in.	5.00	
Lantana, Weeping; fine for baskets and vases, $20 00 per 1000	2-in.	.30	2.50
Laurestinus, fine plants	2-in.	.50	3.00
Myrtus Communis, the Sweet Myrtle	2-in.	.50	3.00
Matrimony Vine, hardy	2-in.	.40	2.50
Pandanus Utilis or Screw Pine, fine plants, 25c ea.	3-in.	2.50	
Pittosporum Tobira, fine plants	2½-in.	.75	6.00
Passiflora Constance Elliott, hardy white		.40	2.50
Palms—We have a fine assortment of Palms, all sizes. See our catalogue for prices.			
Privet, 2 sorts, California and Amoor River, 15 inches in height		.50	3.00
Privet, 2 sorts California and Amoor River, 24 inches in height		.60	4.00
Philadelphus Syringa or Mock Orange, fine, 18 inches in height		.50	3.00
Pyrus Japonica, Japan Quince		.50	4.00
Petunias, double, fine, assorted		.50	3.00
Roses, leading sorts, $25.00 per 1000	2-in.	.50	3.00
Rudbeckia or Golden Glow, $20.00 per 1000	2-in.	.40	2 50
Rhododendron, 2 ft. high, 85c each		9.00	
Russelias, 3 sorts	2-in.	.40	2 50
Rhyncospermum Jasminoides, $25.00 per 1000.	2-in.	.40	3.00
Salvias, 6 best sorts, $20.00 per 1000	2-in.	.40	2.50
Saxifraga Sarmentosa	2-in.	.50	3.00
Solanum Azureum, Blue Solanum	2-in.	.50	3.00
Swainsonas, 2 sorts, white and pink	2-in.	.50	3.00
Sanseviera Zeylanica, $20.00 per 1000	2-in.	.40	2.50
Spiraeas, hardy shrubs, fine dormant plants		.50	3.00
Smilax, $18.00 per 1000	2-in.	.30	2.00
Stapelia or Star Flower	2-in.	.40	2.50
Tritoma Pfitzerii, blooming roots, $50.00 per 1000		.75	6.00
Vinca Major Var., $20.00 per 1000	2-in.	.40	2.50

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	25	100	500	1000
Primula Sinensis Fimbriata, **Fringed Primrose,** alba magnifica (pure white)....	$0 25	$1 00		$1.75
Kermesina (crimson)	.25	1 00		1 75
Delicata, most beautiful rose..	.25	1.00		1.75
Coccinea (scarlet).....	.25	1 00		1 75
Holborn (blue). The True.....	.35	1.25		2.00
Mixed, all colors.....	.20	.85		1 50

PRIMULA FORBESI, Baby Primrose, pkt., 25c; trade pkt., 50c; Primula Obconica Grandiflora, **Large Flowered, Fringed,** white, pkt. 25c, trade pkt. 50c; rose, pkt. 25c, trade pkt. 50c. Mixed colors, pkt. 20c, trade pkt. 40c.

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ARECA LUTESCENS Seed, 100 seeds, 75c; 1000 seeds, $6.00; 5000 seeds, $25.00.

VALLEY EMPRESS, XXX, Cold Storage, 1000, $12 00; case 2500, $25.00.

LILIUM HARRISII, Cold Storage, 5x7, 400 in case, per case, $7 00; 3 cases, $20 00. 6x7, 300 in case, per case, $7.00; 3 cases, $20.00.

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MISCELLANEOUS SEASONABLE HINTS.

Frost and Spring Work.

Some years, but not in every one, we get a frost that hurts late in May. Two years ago, about May 17, it made our young carnations look like bleached sea-kale and yet they soon caught up with those which escaped the frost. While in western New York and Pennsylvania it would be folly to put out in the ground before the end of May any plants that are much injured by the slightest frost, such as coleus, heliotropes and dahlias, yet there are several important plants that it is of the greatest advantage to get out and growing before you are rushed to death with your customers' flower beds. It don't matter how much help you have, if you can't get these out by the 20th of the month you will have no more chance to do it till June 15, for all hands and the cook will be busy planting and filling orders for your patrons. There are a lot of tree-growing bedding plants that there need be no worry over, because a very few plants put out by the Fourth of July will give you all the cuttings you want in the fall, such as salvias, ageratum, etc.

The Geraniums for Stock.

What I consider two very important plants are the zonale geranium and the canna. Not only should they go out and be rooting (a little injury to their tops won't hurt if frost does come) but if you don't select good strong plants, particularly of the geraniums, you will have only the rank and shabby plants to give you the cuttings in the fall. Get them out, and lots of them. They need not be the largest plants, or most in flower, but they should be healthy and vigorous if you expect healthy cuttings in the fall.

Don't plant them in your own grounds as closely as you would in a flower bed. The more air and light around the plants the stouter and better the cuttings in September. And while you are at it put out the roseleaf and other scented geraniums, also a good assortment of the ivy-leaved as well as the variegated varieties. You can't increase geraniums a hundred fold, as you can many plants, and you must have good stock.

People who sell on the market may want a great variety, while those whose business is filling flower beds and vases can get along with but a very limited number of sorts. We are always sold out of S. A. Nutt, Le Soleil, deep scarlet, Alphonse Ricard, bright scarlet, and, above all, the beautiful semi-double pink Mrs. Frances Perkins. Jean Viaud is a beautiful geranium for Decoration day, but we have not found it a good bedder. There is nothing new about the above few, but they are standards.

The Best Cannas.

There is no likelihood of there being any decline in the popularity of the canna and there is nothing as good or as cheap as having your own stock. If you are short, buy now and don't wait till the wholesale firms have only poor stuff left. Don't forget Black Beauty if you want rich, purple bronze foliage. In scarlet flowered Tarrytown is grand and so are The Express and President McKinley. Souvenir de Antoine Crozy and Queen Charlotte are both fine in the scarlet and yellow section. Buttercup is a pure yellow, without speck of any other shade or color. Dwarf Florence Vaughan is good in its class, yellow mottled with red. President Cleveland is a very distinct orange scarlet, and there are many others, as well as some fine novelties. Now, with these important plants for your own stock don't be afraid of some chilly nights. You will save dollars and lots of worry by having good big roots of these next fall.

Gloxinias.

If you are growing gloxinias, and they are a most beautiful flower as well as an excellent house plant, they will now be ready to put into their last shift a 5 or 6-inch pot. Use a third of leaf mold and put some drainage in the pots. These plants are often ruined by a rust on their leaves. They by no means want to be carelessly watered and yet if the soil is allowed to become dry the flowers quickly wilt and that's the end of them. They don't want dense shade, neither do they like too bright a sun. It pays to raise each plant on an inverted 5-inch pot. An adjustable shade, like cheesecloth, to be used on bright days would be the ideal treatment.

And that brings us to another plant that will be important in our business next Christmas.

The Cyclamen.

We have had such satisfactory results with cyclamen the past few years, keeping them entirely indoors, that we are not likely to try the summer hotbed again. We saw several most promising batches of cyclamen go to the dogs last fall, just about flowering time. It is, I believe, a mite that ruins them; anyway it's mighty in destructiveness to flower and foliage of these beautiful greenhouse plants. Now that the plants are in 3-inch pots they should have tobacco stems between the pots and frequently renewed. It will help greatly to keep down aphis and it may hold off the microscopical mite. If any plant pays to shade from 10 a. m. to 4 p. m. on bright days, and no shade other hours and dull days, it is the cyclamen, and every bright morning a light spraying. If I were going to prescribe any antidote for this mite on the cyclamen, I should say that a syringing once in two weeks with a solution of Gishurst's compound would be the thing.

Gladioli.

I suppose you have put in your first planting of gladioli; it ought to be in. It seems to me that the late crops of these sold much better than the early ones, but don't get so late that frost nips them before they are out. Plant some every two weeks till the end of June.

Cochet Roses.

Have you ever grown a large planting of Cochet roses? Both the pink and white are grand summer roses. Yet the pink is most useful because we have the splendid Kaiserin Augusta Victoria in our houses in the summer time. The Cochet is not hardy with us without lots of protection, but it will pay for that and a planting made now will give you lots of bloom this summer and fall and next summer thousands of buds when your Bridesmaids are poor little things or non-existent. A bed of these roses should not be out of the reach of the hose or they will do little good during a hot, dry spell.

Dahlias.

Dahlias are sure to be in demand this fall and some free-flowering varieties should be planted. A supposed expert told me once that in the east they did not plant dahlias till after the Fourth of July. It may be so, but that would be too late for us. I just call to mind that I remember a Scotch dahlia enthusiast propagating from green cuttings in April, planting out at the end of May and on July 1 exhibiting at Hamilton, Ont., twenty-four splendid show varieties. That was high cultivation. The man who grows fifty acres, or even one acre, could not afford to put the labor on them. The dahlia wants a deep, rich soil, plenty of water and a cool climate. That is why they give such splendid blooms late in the season, or as long as frost keeps off. Many of the so-called show varieties are gorgeous, exquisite in color markings and form, yet they are not what your customers will want as cut flowers. The cactus, the single and the pompon sections, above all the cactus varieties, is what the public wants for cut flowers.

Fuchsias.

We used to grow fuchsias well once. I have sold many a plant of old Elm City at $1.50 each. Now the majority of fuchsias are sold for $1.50 per dozen or less. Not getting the proper start is often the cause of a scrubby lot of fuchsias. A few of the left-over, poor and latest propagated plants are saved to give you cuttings during winter. That is all wrong. One or two of the earliest and strongest plants of each variety should now be selected and marked "sold." Plants that are a good size now will ripen wood during summer and with a few weeks' rest in the fall, and a trimming back, will give you stout, vigorous cuttings that will want to grow and not prematurely flower. Now is the time to lay the foundation for next year's fuchsias.

Clematis Paniculata.

There is a brisk demand this year for the lovely Clematis paniculata. Plant all you can of it. It is so hardy, so sure to be a success, so fine in every way, that your customers will return in a year or two and bless you. You can buy it at a very moderate price and make a good profit.

About Privets.

We are just learning what a terrible winter we have passed through. Many flowering shrubs have been killed back

that have stood uninjured for several years. But I am not going into that now, with one exception, viz., the California privet. It is badly killed in many places and this is not the first winter that it has suffered. The so-called English privet, Ligustrum vulgaris, is the hedge shrub for our climate. It is perfectly hardy and I am inclined to think, although not such a shining, glossy foliage as the Californian, it makes a more dense, compact hedge and does not show the effect of the shears as much. If I mistake not, those wonderful hedges that are so admirably cared for by real gardeners at Newport are the English and not the California privet.

I have been mildly criticised about my advice to defer planting so-called evergreens (properly conifers) till the end of May or until the young growth starts. It is possible that in New Jersey and southward it may be better to plant earlier, or as soon as the ground is workable, but I still think the northern nurserymen will agree with me on this important question.

I enjoyed the pleasant and almost flattering criticism, except that one correspondent referred to me as the "venerable Mr. S." I don't think that gentleman and I ever met. I am not yet venerable; only a sprouting Araucaria imbricata and won't be ready to plant for several seasons. WILLIAM SCOTT.

THE RETAIL FLORIST.....

COLOR HINTS.—I.

When an artist takes up a certain study with a box of paints at hand and the landscape before him, he can scarcely ever touch his brush to a color in the box and lay it pure on the canvas. The truer his eye, the more mixing and blending and toning he must do in order to reproduce the harmony of color that nature has painted in the scene which he assumes to copy. A real artist uses few colors, but many mixtures of his own make. An untrained eye could never analyze the product, nor trace the pure colors in the finished picture.

But we have our pictures already colored in marvelous beauty and form. Each flower we handle is a picture of itself. It is ours to group these pictures and to make the settings and combinations of flowers harmonious. Our work is largely selective and analytical. But there is much in each of these. I was astonished to hear a woman of taste and style in dress once remark: "All kinds of flowers look well together!" A jumble of all colors of fabrics couldn't be worse than a hit and miss collection of flowers.

Remembering that there is scarcely a flower to be found which is composed of a pure, that is, unmixed color, we should know why certain combinations of flowers are good and correct, and why certain others are vile, aside from mere personal taste or fancy, which is not always to be trusted. This is the principle of color combination which we shall consider in today's chapter.

As a preliminary study we will consider a combination which any artist will admire and recommend. It is that of the coloring found in the Perle rose and English violet. What is the reason that this combination is so excellent? Why is it so pleasing to the eye? Let us see the reason, and find out if the same principle can be applied to other combinations, and be a guide in all, or many color combinations.

There are two ways of proving this to one's satisfaction and profit. Now, before there can be harmony between two persons there must be found something in common between them, that is, some of the same qualities in each. It is precisely the same in the color world. Get a little box of water color such as the children use in school, and actually perform the operation of mixing the colors which we shall find in the English violet. But somebody will say, "I have no time for such experiments." If you are not interested to this extent, here is another way of arriving at the same result:

Glance at a bunch of violets in ordinary daylight and you will say they are purple, of course. Now look at the same bunch of violets by artificial light, and they will not look as purple as they did before. They will appear quite red. Whether the blue has disappeared partly or the red has been strengthened is not so much what concerns us as that our violets now appear red. Then in daylight again look well into the heart of the flower and see the streaks of red down toward the base of the petals. Now take your color box and mix a red and a blue and the product will be purple. That is just what has been done in the violets.

Next examine a Perle rose in the same way as you have done the violet, except that daylight will serve our purpose. You will say, at first glance, that the Perle rose is a soft yellow. But let us see. Look sharply into the heart of a half blown bud and you are blind to color if you cannot see in among the yellow petals rich wavy red lines reflected back and forth. Then turn a leaf of the Perle foliage wrong side up and you will find almost more red than any other color. The red is laid on in thick lines along the veining and the base of each leaflet. We fail to find any blue in the Perle rose as we did in the violet, but we have found red in both flowers, and so we must conclude that if the artist is correct in calling this a fine combination, it must be the red that establishes the harmony.

Try another example. This time it will be Bridesmaid roses and marguerites. Examine the Bridesmaid rose in the same way as the Perle. You will say at once that the pink, which names the rose, is the principal color. So it is, but the pink is not the only color. There are yellow stamens and yellow blotches on both the inside and outside of the petals, especially toward the bases of the petals. Occasionally you will see a tiny thread of red in the veining of the petals, as well as green intermingled. It will not be difficult to discover the yellow in the marguerites. Here is the key to the harmony. No critic can dispute our authority for this combination.

Here are some more interesting and harmonious combinations which can be made under the same law of color: Perle roses with bronze galax leaves; Perle roses with Morning Glory carnations; Narcissus poeticus with Bridesmaid roses; American Beauty roses with white lilacs; delicate salmon-colored sweet peas with the dark, rich purples; the dull browns in dahlias and zinnias with the yellows and creams in the same flowers.

While many yellows and crimsons make fine combinations, there are likewise yellows and crimsons that fight.

Residence of J. F. Wilcox, Council Bluffs, Iowa.

Decorations for the Reception Given by Mr. and Mrs. J. F. Wilcox at Their New Home in Council Bluffs, Iowa.

The Liberty rose in its prime blends beautifully with the soft yellow of the Perle rose or Narcissus incomparabilis, but should never be placed near yellow after it has begun to fade and develop the purple. It is always best in combining two colors to select one strong color and one delicate color, for instance, in the combination mentioned above of the Liberty and Perle rose, where the red is strong and the yellow soft. It would be poor taste to use as strong a yellow as is found in the Narcissus Von Sion. Kaiserin or Bride roses with the Von Sions is an excellent combination.

After having practiced this color analysis a few times you will naturally fall into the habit of trying to detect the component colors of the flowers which you handle day by day. Your eye will train itself correctly, combinations will suggest themselves to you and you will be able to test them by the above principle.

GERTRUDE BLAIR.

THE WILCOX DECORATIONS.

J. F. Wilcox, of Council Bluffs, Ia., built a new home last summer, adjoining his greenhouses, and to open it to their friends in that city Mr. and Mrs. Wilcox gave a large reception. To show his very many friends in the trade how comfortable Mr. Wilcox is domiciled we present in this issue four views, from photographs, three of which show the rooms as decorated for the formal reception.

Every room in the house was embellished with plants and cut flowers, even to the dancing, billiard and card rooms on the upper floor. In the reception hall were groups of palms and festoons of asparagus, while Bride and Meteor roses were used above the doorways and about the console. In the dining room were palms, white chrysanthemums and poinsettias. A canopy of green and red flowers made a corner for the punch bowl. Lawson carnations were used in the library and Beauty roses in the music room. The dining room was curtained from the hall by portieres of asparagus. There was a handsome cut glass vase of Beauties on the table and other roses on the sideboard. On the upper floors the decorations were equally elaborate, a different flower being used in each room. La France roses in one, Meteor in another, Liberty in a third, Beauties in a fourth, and so on. Plants were largely used in the billiard and ball rooms. Each of the ladies assisting Mr. and Mrs. Wilcox in receiving either carried Beauties or wore corsages of violets.

ROSES.

Planting the Young Stock.

With the benches filled with soil and the planting plans complete, the first proceeding should be to determine the distance between the plants, and the arrangement of the same. The most common method, and I think the best, is to run the lines diagonally across the bench. This is termed "staggering" and, while admitting a freer circulation of air among the foliage than if the lines are run at right angles to the bench, it also facilitates syringing, staking and tying.

The usual distance between plants of such varieties as Bride and Bridesmaid is fifteen inches each way, allowing a root area of 225 inches, which in good soils is little enough. I am aware that many good growers prefer giving them less, but after many years experimenting in many different classes of soil I find this to be the most profitable when quality and quantity are considered. Ivory and Golden Gate succeed best when given even more space than this. Beauties should have at least 324 inches of root area.

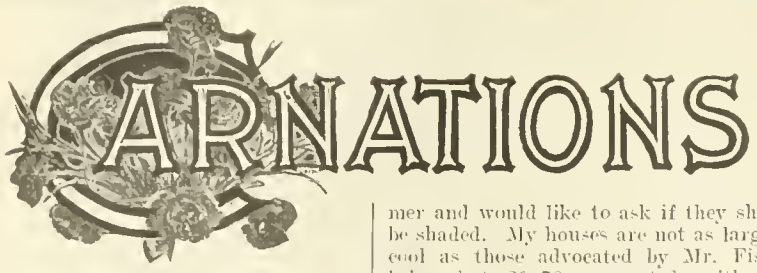
Previous to turning the plants out of the pots they should be well watered, so that they may withstand the drying heat to which they will be exposed during the process of planting. Turn the plants carefully out of the pots, disturbing the balls as little as possible, even the removal of the drainage having a bad effect and should be avoided. The ball should be placed in the bench just about as deep as will afford a slight covering and no more. A slight depression should be left around the ball to receive the water and keep it from spreading.

As soon after planting as possible the plants should be watered, giving each individual plant a thorough soaking. This individual watering should be continued during the first ten or fifteen days, syringing twice daily during bright sunshine, by which time root action will be commenced and weeds will be plentiful. The surface should then be ruffled and the whole surface given a good watering.

Free ventilation and persistent cultivation must now be practiced, as this is the very foundation of success. Weeds are usually looked upon as a pest because work is required to remove them. I look upon them as a blessing in disguise, for were it not for weeds many rose benches would get but scant attention in cultivation.

The benches in the stock house, from which the young plants have been removed, should still receive the same attention at watering time, so that they may retain the necessary amount of moisture and so keep the house balanced. The paths should also be sprinkled frequently during hot weather, so that the young plants may not suffer. The roots being now pressed against the sides of the pots are easily damaged.

RIBES.



CARNATION NOTES.—WEST.

Field Planting.

We are having right now a good example of the value of the sidehill plow, and using it each day to plow what we can plant that day. Since we began planting, on April 29, we have not had a rain. If we had plowed our whole carnation field, or even half of it, at the start we would have had to stop planting several days ago, and the plants put out four or five days after the plowing would be suffering badly by this time. But as it is, we set every plant in nice, mellow, moist soil and all took hold immediately and none is suffering in the least, at least not more than all other vegetation which has been growing all spring. Unless it rains and the soil gets too wet we will not need to stop before we are through, as the plow will turn up moist soil without any rain for a long time yet. Really, I don't see how a florist can get along without one of these plows.

Shading.

I notice on some greenhouses a very heavy shade, and I just want to warn you not to overdo it. Too much shade is as bad as none at all, and really, I would prefer none at all. All you want is to break the strong rays of the sun during the middle of the day. This is not now so much to keep the house cool as it is to keep the sun from bleaching all the color out of the blooms. The plants would prefer the full sun and if the shade is too heavy they will grow soft and the blooms will lack in substance.

Give them plenty of water at the roots, but of course do not get the soil into a soggy condition. Here is where the solid beds save you much valuable time during these spring and early summer months. With one-half the amount of watering they will maintain a more uniform degree of moisture than the benches. Give all the ventilation you can at all times to keep the houses cool and airy.

The June Crop.

Look right after the disbudding these days, as those are the buds that will give you your blooms next month, and it will have a great effect on the quality of your blooms when they open up. Good blooms are worth more during June than they are right now, and it will pay you well to do all you can toward helping the quality.

A. F. J. BAUR.

INDOOR SUMMER CULTURE.

I am very much interested in the matter of growing carnations indoors all summer and would like to ask if they should be shaded. My houses are not as large or cool as those advocated by Mr. Fisher, being but 20x70, connected, with side ventilation on only one, but with doors at each end of all three houses. I am growing Hill, Higinbotham, Scott, Harry Fenn, Enchantress and Joost. I have my Enchantress in 5-inch pots and had thought of plunging the pots outside to avoid the setback at benching time.

J. L. D.

Carnations that are growing inside the houses all summer should have no shade over them, but should have all the sun and ventilation you can give them. In fact, you should make the conditions just as near outdoors as you can, except that you keep control over the water supply, etc. You want to encourage a slow, solid growth to produce short, bushy plants like you get in the field, if possible. If you shade them the plants will grow soft, long-jointed and straggly, which you should do all you can to avoid if you hope to meet with success.

I would not plant carnations in the field from 5-inch pots. By fall they would be so large and grassy that you would have trouble in getting them to take hold when replanted. By all means plant those inside now. If you plunged the pots outside you would have to water them regularly, and I doubt if you would gain much by it.

The varieties you mention all transplant readily, and personally I would prefer planting them in the field and lift them when they have grown into good average plants. My advice to you would be to plant this spring the house which has the most ventilation and see how you succeed; then if you are satisfied that it is the method for you to follow, you can adopt it altogether in the future. Try some of each variety to find out which like that method best. You will find that some varieties will do much better under this method, while others will do best under the field culture method. We would not grow Mrs. Lawson any other way but inside, and I understand it is the proper way to grow Adonis successfully.

A. F. J. BAUR.

CALCEOLARIAS.

[The following is a paper read before the Tarrytown Horticultural Society, April 26, by William Scott, gardener for Joseph Eastman, Tarrytown, N. Y.]

It seems to me a great pity that the calceolaria is not more generally grown. This is no doubt partly due to the fragile nature of the plants, which makes them a poor subject for shipping, either as plants or cut flowers, and partly due to their not being more widely known, for they possess a richness of coloring and fascinating beauty that cannot fail to appeal to all true flower lovers. If they are used for greenhouse or home decoration, the plants, if not kept too warm, will retain their beauty for weeks and the flowers stand well as a cutting subject.

The best time for sowing the seed is from the first to the middle of July. I use well-drained seed pans filled with a light sandy compost, that on top being finely sifted. I give a good watering and allow the water to drain off before sowing the seeds. These being very fine, little or no covering of soil is required, but they should have the protection of a pane of glass over the pan. Subsequent waterings are given by immersing the pans, allowing the water to be drawn slowly from below. This does away from the necessity of watering from the top, which would more or less disturb the seeds, no matter how fine a rose was used. I do not believe in the custom of setting the pans in saucers of water, as it tends to keep the soil too wet and increases the danger of damping, to which the little seedlings are very susceptible.

After germination has taken place and the seedlings are well up, the glass should be gradually removed to allow freedom of air. Shade, however, is most essential, as sunshine must never be allowed to strike the plants in their small state, or it will work havoc in the shortest of time. The little seedlings should be pricked off as soon as they are large enough to handle, especially if damping off should make its appearance. The same compost as that in which the seeds were sown will be the best for this purpose and either shallow flats or seed pans used for a receptacle. The distance apart had better be an inch each way; this will allow them ample room in which to attain sufficient size for the first potting.

For this potting thumb pots should be employed and a rather richer soil than that formerly used. A compost of two parts old sod and one part leaf mold, sharp sand and finely sifted, dry cow manure in about equal parts, will make a very suitable soil. If the soil is of a stiff, retentive nature, the proportion of soil should be less and dry horse manure substituted for the other, as this will considerably help to make the compost more free. The principal aim is to secure a soil that will quickly drain off and obviate the danger of stagnation, as if the plants once get overwatered and sour it is very hard to get them back into perfect health.

This compost will suit for subsequent pottings, which should be given as soon as the plants require it. They should never be allowed by any means to become pot-bound. Three or more shifts will be necessary, viz.: 3½, 5 and 7-inch pots, this last being quite large enough to mature good-sized plants. But if larger plants are desired, the strongest may be moved into either 8 or 9-inch pots.

Regarding the atmospheric conditions, these should be kept rather moist, but not overcharged, and the temperature should be as low as can possibly be procured through the summer and fall months. In their winter quarters the temperature should not exceed 40 degrees by night, with a raise of from 10 to 15 degrees by day during bright weather.

More or less shade is necessary, especially during their flowering period, and when the sun begins to brighten in spring. The leaves being of a soft tex-

Decorations for the Reception Given by Mr. and Mrs. J. F. Wilcox at Their New Home in Council Bluffs, Iowa.

ture are easily flagged if subjected to the direct rays of the sun.

Great care must be exercised in regard to watering, the extreme softness of the roots making them very susceptible to an over-supply, while, on the other hand, excessive dryness is just as harmful.

The most troublesome insect enemy is the greenfly, to avert which tobacco stems should be freely spread around the bench where the plants are standing, these being renewed as frequently as occasion demands, which is as soon as the stems lose their strength. If greenflies are allowed to get a foothold they will quickly work irreparable damage. Should they make their appearance light smokings may be resorted to, but heavy smoking is apt to scorch the foliage. Light feeding may be given after the flowering pots are well filled with roots and the flower stems are well up, but should be discontinued after the flowers begin to open or damping may result.

PUBLICATIONS RECEIVED.

The Chrysanthemum Manual.

Among the men who hold places of high regard in the esteem of their fellow craftsmen, few are personally more popular that Elmer D. Smith, who now comes forward with Smith's Chrysanthemum Manual, the first American publication of value, dealing exclusively with this subject. The writer's large acquaintance in the trade would assure for his work a wide reading were he discussing any subject, and on the plant to the improvement of which he has devoted the best years of a studious life, he is sure of a consideration which would only be given a voice of recognized authority.

Following the fashion which leads authors to set forth their reasons for writing, Mr. Smith says by way of introduction:

> During the past twenty years I have devoted much time and energy to the cultivation and improvement of the Chrysanthemum and have received many inquiries from those desirous of gaining knowledge on this subject. Confronted with these facts, and realizing the urgent need for a complete as well as a practical treatise, at a price within the reach of all, I make this attempt in compliance with these demands.

Mr. Smith then proceeds to set forth as concisely as may be all the details pertaining to chrysanthemum culture, beginning with stock plants and their care and treating the many features of the work of the grower, through each stage of development, to the final shipment, marketing or exhibition of the plants or cut blooms.

The cultural directions for both plants and cut flowers are set forth in clear and comprehensive manner, with evident intent to present a plain course of procedure for those who are beginners in the work, but it seems that at several points the desire for brevity has led to an economy of words which would have been well spent in going a little farther into detail. Indeed, we are of the opinion that with the material in hand the author might well have expanded his work into a much more pretentious volume, although had he done so he would, possibly, have added little to the interest with which his book would have been received by the trade.

To the trade grower the value of the work will lie in the bits of personal opinion, based on years of experience, which are scattered through the pages, which leads to the probability that the chapter on "Seedlings and Sports" will be the most closely read of all, for Mr. Smith has to his credit as many meritorious introductions as any American grower. He says that for hybridizing he finds the single-stemmed plants in 4-inch pots best for the purpose, grown naturally without an abundance of nourishment. Efforts to obtain seed from flowers grown for exhibition have in nearly every case been fruitless. The crosses which give but few seeds generally produce the best seedlings.

> It has been reported that flowers sometimes sport in form, that is, give a flower of entirely different form from that originally possessed, such as an incurved flower sporting to reflexed form. Such cases are, at least, few and far between; in fact, we are inclined to disbelieve that such changes have really taken place. Cultural conditions often change the form of flowers materially, also buds selected, and doubtless some of the cases reported are simply due to these causes.

There is a practical chapter on packing plants for shipment and others on diseases, insects, fertilizers, exhibitions, etc., the whole illustrated with eighteen half-tones and etchings. The work is completely indexed and any paragraph may be found in a moment.

The "price within the reach of all" at which Mr. Smith decided to sell his pamphlet is 25 cents. It is worth so many times that sum to everyone who has any interest whatever in the chrysanthemum that the sale is sure to be

large. Send 25 cents in coin or postage stamps to the REVIEW and the Chrysanthemum Manual will be sent by mail, prepaid.

Annual Flowering Plants.

The U. S. Department of Agriculture has issued, as Farmers' Bulletin No. 195, a very practical handbook by L. C. Corbett, horticulturist in the Bureau of Plant Industry. The pamphlet is entitled "Annual Flowering Plants" and describes the cultivation and uses of these plants in an eminently practical and interesting manner. While much of the matter is of the most elementary character, yet it is just such information, advice and instruction as is asked of a florist a dozen times a day at the planting season.

There are chapters of general advice on the treatment of small places, on the use of plants about a dwelling, on school gardens, on the use and construction of hotbeds, cold frames, etc., which add much to the popular value of the work.

In sending out this bulletin the Department has made use of the far-reaching power of the daily and weekly newspapers, which have been supplied with brief reviews and which have aided materially in putting the pamphlet in the hands of a large number of interested readers, where it will do much to point out the way to success and foster the love for the flower garden.

Bulletin 195 is sent free on application to the Department of Agriculture, Washington, D. C.

The Pecan.

Catalogue makers are finding it more and more to their profit to present their publications in the form of literature of a permanent, informational value, rather than as mere lists of varieties, priced. Such a book of carefully selected facts is The Pecan, published by the G. M. Bacon Co., DeWitt, Ga. The pecan industry is becoming an important one in the south, and here one finds all the facts with regard to planting, cultivation, harvesting and marketing, with the various varieties described and the firm's price list unobtrusively inserted at the back of the book.

LEAF-MOLD IN ORCHID CULTURE

We read with interest your quotation from the Gardeners' Magazine in relation to orchid culture in leaf-mold. Having had considerable experience during the past three years with orchids in this material, and having very carefully noted its effects on the various batches of plants tried in it, we venture to give you our impressions. We do not suppose that this question will interest a large proportion of your readers, but the number of orchid cultivators, particularly on private places, steadily increases and some day orchids will be more of a commercial factor than they are today. If, therefore, this new leaf compost is going to revolutionize their culture, facilitate the raising of seedlings and, in fact, do away with some of the harassing uncertainties which now beset the growers of these beautiful plants, by all means let us adopt it, but—beware lest the new culture ruins our valuable pets!

In 1900 we started experimenting with orchids in leaf-mold. We used light, flakey oak leaves gathered from the surface of the soil in our own woods, leaves about half decayed, which felt spongy to the touch. We used a little fine sand with them and in some cases we also added a proportion of chopped sphagnum. We did not use the fine, powdery material sold here for imported Belgian leaf soil, for we believed then, and still are of the opinion, that our own leaf compost is fully as good as the high-priced foreign article. For some months we detected signs of betterment on some species of orchids, and even two years ago we were not prepared to pass a definite opinion on the final outcome, but we have no hesitation in doing so now. We may say right here that our plants are not grown commercially, but they receive as careful attention as it is possible to give them on a private estate, watering being always done very carefully.

A batch of some 500 odontoglossums were tried in leaf-mold and for a time they appeared to thrive, but with the advent of torrid weather they went to pieces rapidly and suffered much more from the heated spell than plants in fern fibre. The flowers produced on leaf-mold plants lacked substance; they also failed to keep as well either on the plants or cut as those grown in fern root. We watched them particularly to discover this. Probably our poorest success was with miltonias. A good batch of M. vexillaria in its various forms were tried in leaves. The year before being potted this particular lot gave us about 150 spikes. Six or eight months' culture in leaves reduced the spikes the succeeding year to sixty and we verily believe that had we left the plants in the compost another year we would have lost them. The miltonia spikes were weak flowers, flabby and totally lacking in substance. Happily, today these plants are in good condition, no thanks, however, to leaf-mold.

It seems to be the general opinion in Europe that cypripediums do not take kindly to leaf-mold. All our plants tried in it did very badly. Cœlogyne cristata did fairly well in leaf-mold and moss. We think the moss probably was the better of the component parts. We can get far better results, however, from plants in fern fibre. We had nine and ten flowers on spikes of C. cristata last spring in fern fibre, but never had over five or six on leaf-mold plants.

Coming to cattleyas and lælias, we found leaf-mold a veritable humbug. All plants tried in it eventually went "queer." We received a batch of Cattleya Mossiæ from Europe four years ago, potted in Belgian leaf soil. The plants had nice, green leaves but not a live root. We gave them six months' trial on the Belgian diet, but it took them nearer the grave weekly.

We have tried other orchids than those named in leaf-mold, including dendrobiums, restrepias, adas, lyeastes, masdevallias and phaius. We never discovered any advantage from its use. We have also used a proportion of half-decayed leaves mixed with fern fibre and moss, but did not find it so safe a compost as one of straight osmunda fibre.

We have carefully read for several years past the numerous contributions to your foreign contemporaries, the Orchid Review, Gardeners' Chronicle and The Garden, on this subject. Some excellent growers commend it, others equally as good condemn it. We find very few now advocating culture in pure leaf-mold, but rather mixed with polypodium fibre and moss, and it is admitted on all hands that much greater care in watering is necessary. In America our orchid collections are fewer and smaller than in Europe, but an orchid grower here must care for double or treble the number of plants of the European grower. In Europe the hose is little used, here it is universal. They have cool summers compared to ours and a plant which may only need water once a week there will require it daily here. An overplus of water on the leaf-mold plants is disastrous. The porosity of fern fibre is such that plants in it do not mind an extra soaking in the least.

We have carefully noted quite a number of orchid collections of late. The best plants were in nearly every case grown in osmunda fibre. Particularly is this true of odontoglossums. Occasional plants may be seen in good condition in

Dining-room Decorations at the Wilcox Reception.

leaf-mold. How long will they last in such material? Is it worth while spending extra time on such plants if they can be grown as well in fern fibre? We are watching with interest one or two collections where leaf soil is being used and we find most of the roots are in the surfacing of moss, very few in the mold.

We are aware that leaves contain a small proportion of available nitrogen and that they are to a considerable extent "nature's own food." We may be, furthermore, told that fern fibre is lacking in plant food. We are of the opinion, however, that orchids require something more than half-decayed leaves and clear water to sustain them and this something lacking should be given in the form of liquid manure or other stimulants. As, however, this opens up quite another field we will leave a discussion of it for some future occasion.

W. N. CRAIG.

HYDRANGEA HORTENSIS ROSEA

At many of the spring shows and club meetings at Easter time Julius Roehrs, of Rutherford, N. J., exhibited a new hydrangea of very pleasing pink color and which he considers the finest flowering novelty of recent years. It has certainly made a very favorable impression wherever seen and Mr. Roehers has worked up a large stock for distribution to the trade this season.

Hydrangea Hortensis Rosea.

VIOLETS.

About the Specialist.

For several years we have written, at irregular intervals, a little about the care, etc., of violets and in one way and another and by direct invitation tried to get other growers to discuss methods of culture, etc., but have not been successful in calling them out. But just see how easily "Ye Editor" does it, by simply heading our article April 28 with one little line of four words, "Decline of the Specialist."

It did kind of take my breath away when I saw that, for as a rule, I, myself, thoroughly believe in a person making a specialty of one or two things, and did not think, and do not, that what I wrote applied to specialists. As a whole I am astonished that a specialist should take the time to peruse my notes, for, as I have before stated, I do not presume to give them any pointers, but have hoped that I might help those who had not devoted much time to violets.

Brother Sim takes issue with my statement that there is not the good money in violets that there formerly was. Will he kindly look up his back numbers and see what the reports were last winter at holiday times? Then go back a number of years and again make comparison.

He says "that there is as much money in growing violets as there ever was." Well, I am glad if he finds it so, but we have been growing them for about twenty years and do not find it that way, quality, etc., all being equal.

He also says that he "believes that the one who thoroughly understands violet growing can have the same or better success each year." I think he is the first grower that I ever heard make such an assertion. If he can do so, the outlook is certainly poor for some of the rest of we poor growers. He also thinks chance played a great part in the success of the "plungers." I agree with him, but I also think that, as a rule, chance is more kind to violet plungers in their first year or so, than to other plungers, providing, of course, that they have a reasonable knowledge of growing plants.

One more statement; he says that "the modern violet house, when properly handled, should control the atmospheric condition." This I will also admit partially, but not entirely, as you cannot make clear, bright, growing days of dark, damp days, chilly and raw, which are not conducive to growing good flowers, with the best of houses, and if the soil and atmosphere do not have something to do with good violets why is it that the violets from the Hudson river valley have a reputation that none others attain?

Preparing the Soil.

After having gotten your border ready for the soil, the question of the soil itself comes next and, assuming that you had not planned to grow a house of violets until a short time since, of course you did not prepare soil for filling same. In this case we would advise your using a part of the soil that you prepared for your carnations, this probably coming the nearest to what you want, unless your soil is very sandy, when your rose pile might come nearer the mark, for violets like a moderately heavy loam, with plenty of good sod fibre in it.

You can work over your soil two or three times yet before spreading it in the border in the house, and if you had not already mixed your fertilizer with it, so much the better. Well rotted cow manure we think is best or all. However, if you cannot procure this, thoroughly rotted horse manure, free from straw and litter, will answer fairly well. We would consider it wisdom to let commercial fertilizers alone, unless you are an expert in their use, and even then we would much rather have the cow manure.

Do I hear you inquire about bone? Well, I like it very much in many places, but would advise trying it in very limited quantities on violets, and I really have my doubts about its being good for them as a whole. In working over the soil use about one-fifth of the manure, spreading it out in thin layers, in the ordinary way of making up soil piles, also add a little fresh air slaked lime.

Above all, when handling soil at all times be careful not to work when too wet, as it is ruinous to do so, and yet you will see men doing it who ought to know better, and who, if spoken to about it, try to apologize by saying that it was late and that they had to do it, or some similar excuse. Don't do it; wait a few days. If after working over the first time it looks as if you were going to have bad weather that would delay you too long before you would have an opportunity to work it again, cover the pile with canvas, old boards or something, so that you may work it as soon as ready, which should be in about a week as a rule.

R. E. SHUPHELT.

BOSTON.

The Market.

The advent of warmer weather, with its consequent heavy production of flowers, has caused a heavy slump in prices all around. Roses are coming of poor quality. Carnations continue extra fine, ordinary grades selling as low as 50 cents per 100. Violets are now practically over. They have lasted remarkably this season. Antirrhinum and stocks are plentiful. Spanish iris sells well and a few lots of dahlias are seen. Lily of the valley is druggy. Outdoor supplies will be in flower within a few days. Yellow trumpet daffodils and Narcissus poeticus are very abundant from open ground.

The May Exhibition.

The regular May exhibition of the Massachusetts Horticultural Society on May 7 while not a large one contained some very meritorious exhibits. The display of herbaceous calceolarias was a remarkable one. James Stuart gardener to Geo. F. Fabyan won for six plants

with perfect specimens three feet in diameter, flowers large and foliage almost hiding the pots. W. A. Riggs, gardener to E. A. Clark, was second with equally as large plants, which, however, were a trifle past their prime. Probably nowhere else in America are such superb calceolarias shown as in Boston.

For six show or fancy pelargoniums Mr. Stuart was again in the lead, with large, well flowered plants of Mabel, Lady Duff, H. M. Stanley, Admiration, May Queen and Mrs. Ashley. The same exhibitor received honorable mention for Miss Middleton, a new pink variety. Walter Hunnewell, T. D. Hatfield, gardener, received a cultural certificate for three large and splendidly berried specimens of Aucuba Japonica foemina. Plants berried as these were would sell on sight for Christmas decorations. James E. Rothwell, Emil Johansson, gardener, showed two well flowered plants of a seedling orchid, Lælia Latona (L. Cinnabarina x L. purpurata). The plants were procured by Mr. Rothwell three years ago. They were awarded a certificate of merit. This orchid was first raised by Messrs. Veitch & Son, of London, and is still rather scarce in American collections.

For forty-eight named tulips, Mr. Sullivan, gardener to W. Whitman, was first. J. B. Shurtleff and Mrs. E. M. Gill secured the pansy prizes. L. E. Small was awarded a certificate of merit for his new white carnation, No. 3. This secured honorable mention at the spring show. That Mr. Small has a winner in this carnation, is the verdict of all who have seen it growing. Harvard Botanic Gardens, Robert Cameron, gardener, had an extensive display of named narcissi, tulips, fritillarias, trilliums, saxifragas, aubretias, dielytras, dodecatheons and other seasonable hardy flowers which were much admired. These were awarded a gratuity. There were a number of collections of native plants and a fine display of vegetables.

Horticultural Society Meets.

Considerable business was transacted at the regular monthly meeting of the Massachusetts Horticultural Society on May 7. Several new members were elected. An invitation was extended to the American Peony Society to meet in conjunction with the M. H. S. at the annual exhibition on June 11. Henry Clapp, for fourteen years chairman of the committee of school gardens, resigned and a letter of thanks was voted to be sent to him for his long, faithful service. An appropriation not to exceed $700 was voted to the committee on exhibitions with which to procure new glassware. The sum of $200 was voted to be used in special prizes for the coming chrysanthemum show, when the C. S. A. meets in Boston. The prizes will probably be awarded for fifty blooms of any variety shown in the large china vases of the society. The prizes to be $60, $50, $40, $30, and $20. It was announced that John C. Chappin, of Newton, had left the society $1,000, the interest from the same, to be offered in prizes for roses. The committee on prizes and exhibitions were empowered to issue a schedule for the next spring show, when the American Rose Society meets in Boston, at an early date. Some additional attractive classes will be added.

Various Notes.

Doyle made a window decoration of the single dahlia, Twentieth Century, the past week. Quite a number of growers, both private and commercial, are trying dahlias in benches.

Ripe strawberries in pots are being used by several florists for window decorations. The plants are not well grown and the fruit rather small, but they attract the notice of passersby more than seasonable flowers.

Shade temperatures running as high as 82 degrees during the past week have caused vegetation to advance by leaps and bounds. Planting of deciduous trees and shrubs has been hurried to a close and evergreens are now being taken in hand.

The grounds at the Harvard Botanic Gardens are very interesting at present. Spring bulbous plants make a fine show. Some of the better known narcissi, such as Emperor, Horsfieldi, Empress, Sir Watkins, Stella, Cynosure, Leedsii, Duchess of Brabant and rugilobus, and many tulips are at their best. Numerous rock and other herbaceous perennials are in full bloom. Some fine Forsythia suspensa are a mass of bloom although as a rule these are winter killed near Boston. Magnolias are also in fine flower.

At the next meeting of the Gardeners' and Florists' Club, on May 17, Carl Blomberg, of North Easton, will read a paper on alpine plants.

The most effective tulips now flowering in the Boston Public Gardens are the following: Scarlet, white and yellow Pottebakker, Queen of the Netherlands, Keizerskroon, Thomas Moore, Proserpine, Prince of Austria, Chrysolora, Joost van Vondel, Cottage Maid, Rose Luisante, Duchesse de Parma, Bride of Haarlem and Vermilion Brilliant.

In your last issue you quote some deprecatory remarks of Varnum Frost on greenhouses, in which he tells us "the greenhouse men will yet come to grief." Mr. Frost is an old member of the Massachusetts Horticultural Society and is a good grower of fruits and vegetables. He seems to consider our experimental stations and college professors in something of the nature of humbugs and is not afraid to so express himself in public. It is only a very few years ago that we heard Mr. Frost denounce the spraying of apple trees as a humbug and state that he did not believe his trees were harmed at all by being threadbare occasionally. Mr. Frost the past two seasons has sprayed his apples and now commends what he formerly condemned. We think his anti-greenhouse views will similarly change. Mr. Frost is a first-class market grower and a successful exhibitor at our Boston shows. W. N. Craig.

PHILADELPHIA.

The Market.

Business is dull this week. The supply of flowers has increased enormously, with but little demand for them. Beauties and Edgelys are very fine. They sell fairly well, but many of them at ridiculously low prices. Brides and Maids are falling off in quality; only the best sell. There are immense quantities of really fine carnations on the market. Despite their quality they are almost a drug. Good judges believe that we shall see a scarcity of flowers in a few weeks, should the present warm weather continue. Valley and sweet peas are perhaps the strongest varieties on the list, one wholesaler, S. S. Pennock, being obliged to telegraph for two extra shipments of valley on one afternoon recently.

Bedding Plants.

This week has brought us very warm weather and the fateful May 10, a combination which starts the planting season in earnest. Aschmann, Becker, Carpenter, Coles, Meckey, Zimmer and other wholesale growers of bedding plants are busily engaged getting out their plants, which, by the way, does not seem particularly satisfactory to some of the retailers, who complain that their customers can buy at just the same prices that they can. This is certainly a condition of things that should be remedied.

New Bowling Trophy.

Philadelphia is the proud possessor of a beautiful silver cup, offered by F. H. Kramer, of Anacostia, D. C., a grower with 50,000 feet of glass whose product is sold in the Washington market. The cup was offered for competition between the cities of Washington, Baltimore and Philadelphia, each team consisting of five men, rolling three games in each of the three cities, the contest to be decided in favor of the club making the largest number of pins in the nine games. Baltimore secured the lead in the first series by about 100 pins, Philadelphia came out ahead in the series played in this city, by the very narrow margin of some ten pins, while in the final series, rolled in Washington last Friday, Philadelphia was again victorious by some 300 pins, thus winning the series and the match in clever style. The winning team on this occasion consisted of D. T. Conner, T. Dunlap, W. R. Gibson, W. Graham and B. Starkey.

Wyndmoor.

It is a general truth that hard workers do not as a rule, look as well as those who do not work hard. The greeting, "Why, you can't be working, you look too well," is one of those sayings with some truth in it, when the dissipated and the loafers are omitted. So when you go to see a rose place, at this season of the year, that you have heard about all winter as producing fine stock in great quantities when stuff was scarce, you naturally expect to see a rather rough looking lot of plants. It is surprising, however, how many fine flowers Myers & Samtman are still cutting from Beauties and Edgelys that have done yeoman service throughout the entire winter. Their plants were very heavy and full of buds.

Some of the houses are being put through a course of treatment that should enable them to withstand our trying climate until thrown out. While American Beauty is the rose grown in this immense place, Queen of Edgely has done exceptionally well, producing some superb flowers that will be long remembered by those who saw them at the show. American Belle, Liberty and Sunrise are also grown in smaller quantity. A part of the fine range built two years ago is now being devoted to young stock, two benches having been torn out and filled with young Beauties and their cousins all in thrifty condition. The place has the reputation of being very prosperous and impresses the visitors as being exceptionally well managed.

The Buyer.

It is a well-known fact that most of the purchasing for our retail flower stores, both large and small, is done on the place by the proprietor himself or a member of the firm. This work is of great importance, as on the tact and

judgment of the buyer of cut flowers and plants, much of the store's success depends. This may seem to the uninitiated a simple matter, but it is very complex. Our business is unlike any other; it requires nice discrimination to decide when to firmly hold a steady source of supply by taking stock in dull times and when to decline to purchase at all. Then, too, curiously enough much depends on the way the buying is done, for while it is a purely business matter, a little of the milk of human kindness is often a great help in securing needed stock.

The increase in the number and importance of the commission houses and the advent of the Flower Market, bringing together great quantities of stock, combined with the keen competition among the stores themselves, seems likely to cause a change in the methods of procuring at least a part of the stock. The retailer often cannot leave his business, yet he must know where certain things are to be found, about comparative excellence, price, in short have a line on the market. So he sends a trusty retainer to do this work, and the buyer has appeared among us so quietly that one hardly recognizes him at first, but there he is, examining, selecting, making one wonder whether the race of buyers will wax strong and in time supplant the race of peddlers!

Various Notes.

Herbert G. Tull, of the firm of Henry A. Dreer, is authority for the statement that the first Monday in May was the heaviest business day in the history of his house.

Edwin C. Jellett addressed the Germantown Horticultural Society last Monday evening on that suburb's historical trees.

M. Rice & Co. broke all their past records in the number of wheat sheaves made and shipped during the past fortnight. This is very unusual for this time of year.

Thomas Butler's winning ways prove well nigh irresistible to the private gardeners.

H. Bayersdorfer & Co. are working hard to get out Memorial day orders.

It is rumored that Robert Jamison will assist F. & H. Mergenthaler.

Joseph Heacock was heartily applauded for his paper read before the Florists' Club's May meeting. PHIL.

BUFFALO.

Stock Over-abundant.

It only needed twenty-four hours to change from very temperate to very tropical and the past week's heat and sun have made the supply of flowers of all seasonable kinds overabundant. Roses and carnations have been piling up in great quantity and there is no particular price on them. Daffodils and early tulips from outside have also helped towards the abundance.

Planting Work Heavy.

The plantsmen are getting busy and will soon be rushed. Most of our people know that it is not safe to put out tender plants till the last days of the month, but there is lots doing besides that. It seems that our spread-out city and the garden-surrounded houses on all residence streets are the cause of a great demand for labor and material to fix up and embellish the grounds. You can scarcely dignify this work by calling it landscape gardening, yet it's all in that line, and grading, sodding, seeding, planting of ornamental trees and shrubs, roses, hebaceous plants and hardy vines have made many busy. Then there is the familiar call over the telephone, "Can you sell me a load of dirt?"

We have a real resident landscape artist now, De Peyster Townsend, a civil engineer, graduate of Harvard, a cultivated gentleman, who has a decided talent in his chosen profession and his exchequer is of that enviable kind that it does not matter to him whether "school keeps or not."

George McClure has several large jobs on hand, employing thirty-five to forty men. L. H. Neubeck has a gang or two outside. C. W. Zimmerman, Dennis O'Connell, the William Scott Co. and several others are rushed with "jobbing" work, besides a number of a coarser breed of humanity who grade and sod the surroundings of a newly built residence at so much per square yard. The latter belong more to the lightning rod and tree peddler class. They never expect to do work twice for the same person, but the florist does, for in a well-kept garden there is something doing all the time.

Everyone who plants a tree or shrub on his lawn or a clematis, Crimson Rambler or begonia on his veranda, is a benefactor of his city. It makes it a more beautiful city to live in and by his efforts at embellishments compels his neighbor to do the same.

Various Notes.

There has been a good crop of spring store openings and a few of entirely new establishments. Many readers of the REVIEW who have attended conventions in this city will remember the old Tifft house, good, bad and indifferent at various times under different managements. Now on the site stands a most up-to-date department store. So modern is it in appointments that you have to seek the eastern and western metropolis to find such magnificence and luxury. Their opening yesterday and reception to the public in the evening was an event. Palms and ferns were judiciously placed wherever they could adorn and vases of American Beauties were in profusion at every nook and corner. W. J. Palmer & Son were the floral artists.

At the opening of a wonderful new drug store last week, one of a syndicate of stores which are represented in all large cities, they advertised "Music by Kuhn's orchestra," "Floral decorations by Anderson." So they need us for all functions.

The national convention of the Y. M. C. A. convenes here this week and the city and society will be graced by the presence of that good girl, Helen Gould, and more posies will be used on many occasions.

We picked up a little story recently which will do for Adam Graham's parlor friends. I don't know that it points a moral, yet it's a lesson to make every effort happy. A Scotch clergyman was taking a stroll in a neighboring parish and he came across Sandy McTavish sleeping by the roadside: "What ails ye the morn, Sandy?" Answer.—"I would na be positive whether it wa' a funeral or a wedden, but whatever it wa' it wa' a most extraordinary success."

The annual election of officers of the B. F. C. is to be followed by a banquet tonight and let us hope it will be "a most extraordinary success," with different results. W. S.

CHICAGO.

The Market.

Since the middle of last week the market has been in a most deplorable state of oversupply. It has been a week of glut fully equal to anything in previous experiences. As is usual in such a time, the out of town demand has shrunken materially and, after the legitimate requirements are supplied, there is an unwieldy mass of material left in the wholesalers' hands. It then becomes a case of getting all that one can from the men who run the cheap sales. It is surely the harvest time for the Greeks and the quantities of material they carry away each day are really something surprising. In the aggregate the sales of the wholesale houses are up to ordinary records at this season, but the average returns to the growers are too small to be a pleasant subject for contemplation. Red roses clean up after a fashion but Brides and Maids are hard to move at any price if not strictly first-class.

The warm weather of last week was rapidly taking the quality out of the stock. Roses were becoming soft and carnations rapidly losing color, but the change to cool, bright weather with a dry atmosphere is doing much to restore qualities to the high level they have maintained all season. There are plenty of the first-grade roses for everyone and few poor carnations are seen, the general average being very good. It is thought that the rose crop is showing a slight recession already because of replanting operations and it is hoped that a few days more will see the worst of the glut past, but there is every prospect of the carnation receipts continuing heavy for some time to come.

There are unlimited quantities of southern stock available, such as lilacs, narcissi and arbutus and now peonies, cape jasmine and outdoor tulips are beginning to arrive and neither finds a very hearty reception. As one of the wholesalers expresses it, there is probably little difference in the market, compared with the same dates last year, in so far as roses and carnations are concerned, and carnations may be doing even a little better than usual in May, but it is the spring stuff which is suffering. Sweet peas find a fairly responsive market, but there are many more than the usual requirements. Gladioli are seen. Pansies are coming in heavily and sell at all sorts of prices, some as low as 20 cents per 100, some as high as $1 per 100. Violets are done for. Callas were seldom in so great oversupply. Longiflorums are not so plentiful as formerly, but still in excess of the demand.

Various Notes.

The Flower Growers' Company has elected Percy Jones as financial secretary and manager in the place of John Sinner, who has resigned after a year and a half of service. A hearty vote of thanks was tendered Mr. Sinner by the board of directors in appreciation of his efficient service. He is still a member of the board.

J. A. Budlong has a quantity of Beauty plants in pots which are expected to be in full bloom for Decoration day sales.

George Muno, son of John Muno, of Rogers Park, and Miss Lizzie Hermes were married on Tuesday and had the assistance of many of the craft of the

neighborhood in the celebration of the event.

Mrs. A. M. Schafer is cutting some very fine roses.

C. W. McKellar is getting in a very diversified stock, including cape jasmine, Bridal Wreath spiræa, arbutus, very fine pansies, sweet peas and orchids. He is on a floor practically given over to roses and carnations and finds business very satisfactory.

Frank Beu is rebuilding four of his oldest houses, using Garland's iron gutter. This will give him a range practically new and in fine shape.

The E. F. Winterson Co. is still getting in immense quantities of southern narcissi.

Ed. Eagle has been having a bad time with the rheumatism all winter and finds that it handicaps him badly in handling the heavy spring trade.

All the retailers who do outdoor planting report very busy times and it looks as though rather more of this kind of work is being done than usual.

Bassett & Washburn are cutting very fine Carnot roses. Their crop of Liberty is rather light just now as they are drying off some of the plants preparatory to their getting a midsummer crop.

John Poehlmann takes an optimistic view of the situation. He says the glut is bad but he has seen it worse and it will soon be better.

The A. L. Randall Co., which has been headquarters for white lilac all season, is not getting in quantities of outdoor white lilac, but they do not find it strongly in demand.

At E. H. Hunt's they report shipping trade still keeping up fairly well, but most of the orders are small.

George Reinberg reports the business in carnation cuttings keeping up unusually well, perhaps because some are already sold out. He has propagated immense quantities this year.

The Benthey-Coatsworth Co. says they are cleaning up in fair shape each day except on Brides and Maids, which are hard to move.

Visitors: E. G. Hill, Richmond, Ind.; Louis Noe and Mrs. Noe, Madison, N. J.; T. E. Cashman, Owatonna, Minn.; C. Spickerman, Sandwich, Ill.; James Chacona, Milwaukee.

The Florists' Club will hold the first of the Thursday night meetings this evening. Secretary Wienhoeber has sent out the following call: The regular meeting nights of the Chicago Florists' Club will hereafter be on the second and fourth Thursdays of the month. By correspondence vote the meetings will be called to order promptly at 8 o'clock p. m., in our new and larger rooms in Handel Hall, 40 Randolph street. Come in and help make the opening of the new rooms a success.

It is possible that the fact that good lettuce is not now bringing more than 20 cents a case may serve to quiet some of the carnation growers north of town who felt uneasy when their neighbors, for a month or two only, got 40 to 50 cents a case for their crop.

Bassett & Washburn are getting in large quantities of new ferns from the south and Mr. Washburn says they are of such quality that he thinks the dealers there could compete with Massachusetts in ferns if they went at it properly. Ferns are bringing all the way from $2 to $4.50 in this market. Bassett & Washburn are also handling large quantities of cape jasmine, but find them slow sale at $1 per 100.

The George Wittbold Co. reports that this promises to be the busiest month in the history of the concern, including all departments. As one item they have sold, in small lots, 500 loads of soil at $4 a load.

The "get away" in the bowling tournament is positively announced for next Tuesday night, at alleys selected by the committee.

NEW YORK.

The Market.

The market on Monday was about as depressed as at any time this year. Summer heat prevailed, the shipments were enormous and the ice boxes were full to overflowing. The last of the violets could not be given away. Over 50,000 of the remnants went into seclusion in the refuse barrels on Saturday. Where large quantities of roses are purchased the buyer is the autocrat and what he offers generally goes. The retail demand is very light. Lilacs from the south are very good. Carnations have fallen, even for fancies, to the low prices of the poorer grades of a few weeks ago. These are certainly melancholy days for the cut flower trade. But the over-supply must diminish and before the week is over there is a general hope of improvement. Meantime comparison with the records of other seasons seems to lead the reasonable ones to look upon present conditions philosophically.

Club Meeting.

The monthly meeting of the New York Florists' Club was well attended and the exhibit of bedding and other plants most varied and creditable. The exhibitors were: John Birnie, of Hoboken, N. J., assorted verbenas, two boxes Alfred Henderson geraniums, box pelargoniums; H. C. Steinhoff, West Hoboken, spiræas, Crimson Ramblers, a grand specimen of Magna Charta and a finely trained larch in the form of the missing link; Daly Bros., Granton, geraniums Grant and Paunpeck; Herman Mende, Secaucus, assorted geraniums; Leach Bros., Jersey City, anthericum, geraniums and heliotrope; John Lappe, of Long Island, candytuft and Phlox subulata rosea; John Pearson, Jersey City, Dracæna indivisa; A. C. Schroeter, Bayonne, pansies and lemon verbenas; George Darsley, Jersey City, heliotrope; Geo. Fick, West Hoboken, daisies; Hartman & Wagenfor, Winfield Junction, cowslips; John T. Schupp & Co., West Hoboken, Fuchsia Little Beauty; B. Paseler, echeveria; Lehnig & Winnefeld, Celosia Thompsoni, new, and fifteen varieties of new pelargoniums; Charles Hunt, Staten Island, pansies and fine assorted geraniums. The whole formed one of the most interesting, varied and meritorious exhibitions ever made in the club room and evoked much enthusiasm and appreciation.

The committee of awards reported that, there being no competition, no certificates were awarded, but that everything shown was worthy of general commendation. Mr. O'Mara, the chairman of the committee, in commenting on the exhibit so typical of the spring season, expressed the gratification of the committee and became reminiscent and eloquent in recalling happy memories of past experiences in the growing of this class of stock in the old days and hoped for many repetitions of the growers' enterprise in future opportunities. Votes of thanks were given the exhibitors and a special vote was tendered John Birnie for his earnest efforts in making the exhibit a success.

Mr. Birnie in responding said the display was an epitome of the plant market, where $5,000 changes hands every morning, and announced that the agitation going on for the market building would eventually bring about the erection of a handsome building for the plant growers. He felt it was the duty of the New York Club and the horticultural press to assist the project in every way possible and predicted that the time would come when all plants would be sent to and sold by commission men, even if a new race of these valuable agents must be created. Mr. Wallace gave some interesting information as to Covent Garden and its methods of selling, spoke of the encouraging efforts of the New York city press in behalf of the projected market building and suggested a resolution endorsing the work already done by the plant growers looking to the securing of a permanent market, which was unanimously adopted. Mr. Eberman spoke of a prospective exhibition of plants and flowers in October by the Siegel-Cooper Co., at which premiums were to be given and sought the endorsement of the scheme by the club, which will consider the proposition at a subsequent meeting.

The outing committee reported rapid progress, many tickets sold, the program progressing encouragingly and every indication of a banner attendance. The transportation committee announced a fifteen-day-ticket rate of $23.25 to the St. Louis convention and return, with no certificate plan. The decision as to the route was left to the committee.

Mr. Bunyard appeared on crutches, though greatly improved in health, and hopes to be himself again in time for the bicycle race at the outing in June. Alex. Burns, Jr., was elected a member of the club. The June meeting of the club will be peony night, with accompaniment of strawberries and cream and the ladies. A large attendance is assured.

William Elliott delivered his address on the "Idiosyncrasies of the Auction Business," interspersing it with many historical facts, humorous anecdotes and prophetic hints as to consignments of goods for auction disposal from the Netherlands, Japan and Porto Rico. A vote of thanks was accorded him for the effort.

Various Notes.

Next Monday evening will be farewell night at the Tenth avenue alleys and after next Monday the club will meet at modern alleys near Twenty-third street and Sixth avenue, a much more convenient location. The St. Louis representation will probably be decided at next Monday evening's contest.

C. H. Joosten reports a very prosperous season, every rose sold of his big importation and could have sold 50,000 more. Mr. and Mrs. Joosten are going to the nurserymen's convention next June, at Atlanta, and to the S. A. F. meeting in St. Louis, and there will be "others" from New York.

G. C. Eldering, of Overveen, Holland, the six foot four bulb man, is in the city and reports stock in Europe in excellent condition on his departure. He is one of the firm of W. J. Eldering & Sons and one of four brothers of equal physical proportions.

Arbor day last Friday was an im-

pressive occasion. Thousands of children with appropriate ceremonies, planted in the school yards trees that will give shade to coming generations.

The interest in suburban gardening has grown immensely of late and the effect of this is most apparent in the conditions in every seed store in the city. Without an exception this has been a wonderful season. Retail sales are beating all records. Stores are overwhelmed with both mail orders and customers. There seems to be a growth in public sentiment almost abnormal as to country homes and gradually but surely the development of this taste and love for nature is taking into the small towns and villages within easy distance of New York, everybody who can afford the luxury of a country summer home and thousands who yearly make their venture a permanent investment.

Among the visitors last week were P. Welch, of Boston; W. P. Craig, of Philadelphia, and J. M. Gasser, of Cleveland.

The auctions are in full blast now, the splendid weather and fine assortment of stock drawing hosts of suburbanites. Few of the faces are familiar. The public has caught on to opportunities for bargains they never dreamed of and the merry auctioneer rejoices "up his sleeve" in the development of his mission.

Carl Woerner, with Chas. Zeller & Son, Flatbush, has the sympathy of all in the loss of his wife last Wednesday.

His many friends also tender W. J. Stewart, of Boston, their condolences in the death of his grandson on Monday.

Traendly & Schenck, the wholesalers, who for ten years have been located at 38 West Twenty-eighth street, will remove to their new store at No. 44 about the end of the present month. They have leased the whole building and will fit the upper stories for offices, putting in a new front in their own department and making alterations that will give them, including their basement facilities, one of the largest and best stores in their line in the country.

Louis Schmutz, of Flatbush, has yielded to the tide of building necessity on the part of the public and sold $15,000 worth of his property there. From a population of 15,000 a few years ago when I knew it "not wisely" there has been an increase to over 60,000, a straw which shows which way the wind is blowing around New York and an indication of what may be expected as the years increase.

Some very handsome wistarias in pots, from the Hinode Floral Co., beautify the windows of Wm. Ghormley, the wholesale florist.

The old board of directors was re-elected at the annual meeting of the Cut Flower Exchange last week and the new members appointed were J. Donaldson, Thos. C. Duncan, John Snyder, Charles Smith and Herman Maenner.

Mrs. William Siebrecht, of Astoria, leaves next week on the steamer Rotterdam for a European tour, accompanied by her son, W. Siebrecht, Jr., who at the age of 21 has just taken his degree at the New York Law School.

John Dutcher, of Nyack, who has a stand on the second floor of the Coogan building, was married on Monday of this week, and his friends extend congratulations.

John H. Taylor, of Bayside, is devoting 300 acres of his estate to residential sites. It is one of the finest sections for this purpose on Long Island.

The annual exhibition of the Horticultural Society of New York is on at Bronx park today. There is an attractive premium list and close competition in many of the classes. The chief interest centers in the fifty-dollar prize for the best novelty.

Charles F. Meyer, the importer and exporter, has removed his office from 19 Barclay street to more commodious quarters at 99 Warren street.

The managers of the Coogan building, where the Cut Flower Exchange, the Cut Flower Co., and other growers and dealers are located, have decided to devote the entire first floor to the interests of the trade, under the title of the New York Flower Market. They are now remodeling the place, throwing it all into one large room corresponding to the two floors above. This is a step toward concentration that has been talked of for a long time. J. Austin Shaw.

HORTICULTURAL AUCTIONS.

[The following is a synopsis of the remarks of W. J. Elliott, before the New York Florists' Club, Monday evening, May 9.]

The discourse which I am to enter upon this evening is styled the "Idiosyncrasies of the Auction Business." No doubt this word will need a definition and owing to my scant knowledge of Latin I am helpless in the matter, but as I see a light in the firmament, maybe Mr. G'Mara will come to my relief. At any rate, as near as Hoyle can come to it in his materia medica, the definition is what may agree with one might be distasteful to others.

Which brings to my mind a story of a young medical student passing his final examination on materia medica. After being plied with a number of questions he was finally asked what an expectorant was. He seemed worried for the time and in sheer desperation blurted out, "something which comes before you expect it." I presume he got a good mark; but to get back on my subject:

The auction business started at 9 John street, in the sixties, by offering at its first sale a consignment of butter, a strange commodity along with plants. It certainly had the greasing qualities to a future, for at that time the sales were insignificant in comparison with today. They were easily satisfied with $300 while today it reaches $1,000 to $1,200.

Among the notable sales was the George Such sale of orchids, which took an entire week and amounted to $40,000. Then there was Mrs. Morgan's $200,000 sale in which Vanda Sanderiana was sold for $800. These were the palmy days for orchids.

We used to have great rivalry and it caused a new house to spring up and prosper for a time and was succeeded by Roelker & Son. Others jumped in but did not last long. Cleary & Co. succeeded Roelker. Another came by the name of Gardiner. But all of which have gone to sleep. So you see the pioneer house did not have it all its own way.

The monotony of "going, going, gone" is occasionally broken by some joker who butts in and makes a commotion to draw the attention of the audience from the auction and then in the most polite manner wants to know if he can have a bid, which is recognized, and he deliberately "bids" you a good morning and takes his departure. Of course, the laugh is on the auctioneer without a doubt.

It has been only of late years that the Netherlands have favored us with such large consignments. They certainly see a future for their goods and their returns are of a satisfactory nature, from acknowledgments. Japan seems to be getting there, as well as Porto Rico.

Thanking you, gentlemen, for your attention, I will close by reciting to you an instance of two shipwrecked salesmen, a story fitting the occasion. Ikey and Sammy Stobosky, who were unfortunately wrecked on the high seas, were the only fortunate ones to have a boat all by themselves, which was not so bad to start with, until after the third day, when Ikey got tired looking for a sail and thereupon the sponge laid down. Sammy took the watch and in the course of time spied a sail and in his ecstasies shouted to Ikey: "Awake, awake, a sail in sight." Ikey, in the throes of death, remarked, "and I haven't got a catalogue."

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

PORTLAND, ORE.

Portland, Ore., is most favorably situated, having every advantage that a big city requires. Its water facilities are of the best, the Willamette river coursing directly through the city and spanned by four substantial bridges is deep enough to accommodate the largest ocean vessel. At the north flows the mighty Columbia, which connects us with the Pacific ocean. Rising abruptly at the south and west limits of the city, and towering several hundred feet above, are the Portland and Willamette heights, from which is afforded a magnificent view of the surrounding country and the Lewis and Clark fair grounds. These lofty elevations, reached by street car service, are clothed with a thick growth of fir, dogwood and lilac, and at this writing are especially interesting to the visitor. A number of elegant homes are situated here and an immense electric sign bearing the figures 1905 seems to remind the public that there will be something doing in Portland next year. H. J. M.

We are in receipt of a query from a reader who says his greenhouses are "almost polluted with" a little white fly which he is very anxious to be rid of, but he doesn't sign his name, which is necessary for queries to receive attention.

CARNATIONS REGISTERED.

The Cottage Gardens Co., Queens, N. Y., registers:

Robert Craig; color, brilliant scarlet; size, three and one-half to four inches; habit, strong and similar to Lawson; an early and free bloomer; stem, twenty-four inches and long from the start; calyx perfect and color does not fade, keeping and shipping as well as the best.

Ethel Ward, color, clear pink; double, full flower of good size and borne on long, stiff stems; exceptionally fragrant and a good keeper and shipper; habit similar but stronger than Harry Fenn, and a free bloomer.

Alma Ward, color, white; a high, perfectly formed bloom, four inches in diameter, with perfect calyx and strong stem and very fragrant; growth exceptionally vigorous, the flowers having a slight flushing of pink at the base of the petals.

Marie Louise Thompson, color beautiful rose pink; flowers three to four inches in diameter, on three to four-foot stems; calyx perfect, the petals without any fringe, the flower being near the English ideal of a round petaled bloom.

Dr. Seezzel; color, clear white with at times a slight blue tint at the center; edge of petals delicately fringed and dotted with bright soft pink; blooms three to four inches on long, stiff stems; form and calyx perfect.

Davis Bros., Bloomsburg, Pa., register Mary Albert; color, pure white; a large bloom on a long stiff stem; an early and continuous bloomer and does not burst at any time of the year; an extra good keeper. Albert M. Herr, Sec'y.

FORCING LILAC.

Will you please give cultural directions for bringing the white lilac into bloom for pot plants for Easter, directions to include propagation? C. W.

Writing about lilac for Easter is a little out of season just now, but this is not a bad time to order your plants of some good, reliable importing house, of which there are plenty. Unless you are a large grower it is better to buy through a large firm who import thousands, than it is to import a small lot yourself. You will find it cheaper and the big firms who import largely get a better article. Dismiss the propagating part of the business, for you can't begin to raise a plant from a cutting and prepare it, well set with flower buds, nearly as cheaply as you can buy the imported plants. The forcing for Easter is most simple. When you receive the plants in November or December, store them in a cold frame protected from severe frost, or a cool cellar, but keep the roots moist. As Easter was very early this year about six weeks in a night temperature of 60 degrees brought them in flower all right. Next year Easter is very late and as the flower buds will be more advanced, four weeks may do, but there is no harm in a cool, shaded house for two weeks. Plenty of water at the roots and a daily spraying till the flowers are open is all there is to it. W. S.

Fort Worth, Tex.—W. L. McCart says business has been very good this season; much better than was expected. The spring work is about at an end however.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—At once—all around man; single. The F. Bloudeel Co., Oak Park Ave., and Augusta St., Oak Park, Ill.

WANTED—As soon as possible, a sober, industrious florist and designer for retail trade, who can grow best of carnations, roses and pot plants; $10.00 a week and 10 per cent of net profits will be paid; board $2.50 per week including room; steam heat, 8,000 feet of glass; present florist will take charge of plant of mine at another point; answer at once with reference. T. L. Metcalfe, Hopkinsville, Ky.

WANTED—Working foreman to take charge of about 35,000 square feet of glass where roses and carnations are growing for cut flowers; must be up-to-date grower; my place is ten miles out of Pittsburg, Pa.; please state wages expected with board and washing; state age and how soon you could come. Address John L. Wyland, De Haven, Pa.

WANTED—A young man as assistant in greenhouses, must have had experience in general work; be sober and industrious, and able to assist in office at design and floral work; give references and state wages wanted without board. Address No. **134**, care Florists' Review, Chicago.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana natural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. **133**, care Florists' Review, Chicago.

WANTED—A married man experienced in growing roses, carnations, bedding and bulbous stock, capable of tending same; must be sober, honest and industrious; American preferred; references required and given. Address Orlin B. Miller, Box 764, Pontiac, Ill.

FOR SALE—Cheap for cash—Florist establishment about 10 miles from New York. Three greenhouses, 7,000 feet of glass; 300 sash; hot air pump; tank; all improvements; cottage, 13 rooms; 5 acres land; heated by hot water; carnations and bedding plants sold at retail. Apply No. **132**, care Florists' Review, Chicago.

WANTED—At once, for new range of houses a young man with experience in roses and carnations; wages $10.00 a week to start with; excellent chance for advancement; liberal treatment; give references and particulars in first letter. Address Clinton Falls Nursery Co., Greenhouse Dept., Owatonna, Minn.

WANTED—By Sept. 1st, a second hand boiler either a Kroeschell No. 1 or 2, or a Hitchings No. 16; must be in good condition and cheap; also some 12-inch D. S. glass. Address S. Stough, Box 739, Wichita, Kansas.

SITUATION WANTED—By a thorough practical man as manager or foreman on place where first-class roses and carnations are in demand; has complete knowledge of general line of plants, also vegetables; now foreman on a large place in one of the Middle States; state salary and full particulars in first letter; married, no children. Address No. **122**, care Florists' Review, Chicago.

WANTED—At once, a single man for private place near Chicago for vegetable and lawn work; also assist in greenhouses. Address No. **127**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, single; 12 years practical experience in England, Germany and this country; private or commercial; please state wages and particulars. Address No. **128**, care Florists' Review Chicago.

WANTED—A practical carnation grower at once; reference; good wages and steady employment to good man. M. Weiland, 1917 Maple Avenue, Evanston, Ill.

WANTED—A good grower for Beauty section; also a good man for carnation section. Inquire at E. Buettner's, Park Ridge, Ill.

WANTED—Rose growers; two very desirable positions open for reliable and competent men. Address South Park Floral Co., New Castle, Ind.

WANTED—At once, a reliable florist to take full charge of 15,000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 220 Madison St., Ottawa, Ill.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

FOR SALE—One 20-horse power tubular boiler in prime condition. Address C. L. Van Meter, Monticello, Ia.

FOR SALE—A flower, seed and nursery business in a city of 100 000 inhabitants; good location; purchaser will have his money returned in a short time out of a good trade from a business established twenty years; reason for selling, owner has another business and cannot attend to two. Address J. Seulberger, 414 Fourteenth St., Oakland, California.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

FOR SALE—On account of poor health and old age, will dispose of my plant consisting of two houses 100x20; one, 10x100; double thick glass; hot water heat; all in good order; directly on steam and trolley roads; with or without stock; 35 miles west of Philadelphia on Baltimore Central railroad; price $2,200, easy terms. For particulars call on or address, prior to May 15, as if not sold by that time will be for rent, H. P. Owen, Central Valley Greenhouses, Toughkenamon, Pa.

Situation Wanted

As Manager or Foreman of place of 75,000 feet of glass or more where roses for cut flowers are a specialty.

Address No. **131**, care Florists' Review, Chicago.

Position Wanted

By a reliable grower of 15 years' experience (wholesale and retail) to take charge of the growing end of a retail place where good roses, carnations and general line of stock is wanted; strictly sober; single.

Address G. E. B., Hotel Scott,
316 W. Main Street, Peru, Ind.

FOR SALE.

PROSPEROUS RETAIL STORE on South Side of Chicago.

Established 10 years; doing high class trade; no glass; considerable nursery business; reasonable rent; reason for selling, poor health; stock, fixtures and good will cheap for cash.

Address No. **130**, care Florists' Review, Chicago.

SMITH'S CHRYSANTHEMUM MANUAL

[By Elmer D. Smith.]

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.
(Caxton Building.)

Mention The Review when you write.

Vegetable Forcing.

THE MARKETS.

CHICAGO, May 11.—Radishes, 25@45c doz. bunches; lettuce, heads, 50@75c bushel, leaf, 15@25c case; cucumbers, 50@75c doz. There are many southern cucumbers.

BOSTON, May 10.—All kinds of produce is in brisker demand but the warmer weather has heavily increased supplies and prices are on the downward grade. Cucumbers have sold at from $2 to $4 a bushel and quality is very fine. Rhubarb from outdoors is now plentiful and prices are only 1 to 3 cents per pound. Lettuce continues fine, at 30 to 75 cents a dozen. Watercress, 30 to 50 cents a doz. Radishes 20 cents a dozen. Parsley, $1 per bushel. Mushrooms very scarce, at $1 a pound, the best coming from Philadelphia. Tomatoes hold up well, the best bringing 25 to 40 cents a pound.

HOUSE FOR CUCUMBERS.

I wish W. S. Croydon would give his opinion of an ideal house for commercial cucumber growing. Please give dimensions and best arrangement of pipes.

X.

An ideal house for growing commercial cucumbers is one where the greatest possible amount of light can be procured and the proper temperature maintained. The construction of the house depends largely on the system adopted in training. If the plants are to be allowed to spread over the benches, any ordinary width or length of house provided as above would be all right if the benches are about four feet wide, with pipes under same to insure enough bottom heat. Personally I prefer to train to trellises, as I consider that I have the plants better under control and have less trouble keeping them clean. A house in which I have been very successful in the growing of cucumbers, though it may not strike some as an ideal house, is an even-span house running north and south, width twelve feet, height to ridge eight feet and length seventy-four feet, but this could, of course, be extended as desired. The height of the sides is four feet, two feet being glass. The inside space allows of ample passage room and two benches four feet wide. Heat is provided by two coils of six 2½-inch pipes, one coil under each bench, which is sufficient to maintain a temperature of 65 degrees during severe weather.

W. S. CROYDON.

CROOKED CUCUMBERS.

Crooked or imperfectly developed cucumbers are not infrequently produced. It is maintained by some authorities that crooked or ill-formed fruit is the result of imperfect fertilization. In many instances this is no doubt the case, but there are other causes underlying the production of poorly formed fruit. It can be safely stated, however, that good plants are endowed with the capacity to produce good fruit, and, conversely, that it must not be expected that perfect fruit will be produced on weak plants. From our observations we are led to believe that crooked or imperfectly developed cucumbers are in the largest number of cases produced by plants which are not normal. For example, plants affected with nematode galls, or weakened by thrips, etc., will develop poor fruit. Anything, in fact, that affects assimilation or interferes with the normal function of the plant weakens it, and the result is poorly developed cucumbers. Since cucumbers are sorted into what is known as No. 1 and No. 2, which bring a different price, the production of straight fruit is a thing to be desired from a financial point of view.

One grower, however, informs me that he has no seconds, as he practices a method of treatment which will develop inferior into perfect fruit. His method consists in the manipulation of the spines. For example, if the fruit is growing too large at either end, the spines are rubbed away on that portion which shows the greatest development. This, it is maintained, will cause the undeveloped portion to fill out and result in a perfectly formed fruit. In the same manner, if one side is developing faster than the other, the spines of that side should be destroyed, which results in stimulating the undeveloped side. As far as I am aware this theory is original with my informer, and we have never discovered any one else who practiced it. It should therefore be accepted for what it is worth.—GEORGE E. STONE, in Bulletin of Hatch Experiment Station.

PEONIES AT ST. LOUIS.

There will be a special exhibition of peonies in the Horticultural building at the St. Louis World's Fair, May 28 to June 7. Entries must be received by the superintendent, J. H. Hadkinson, not later than May 25. The following is the schedule.

General collection of Tree or Moutan varieties.
General collection of Officinalis type.
Chinese or herbaceous section:
Vase of 25 blooms pure white.
Vase of 25 blooms white, shaded pink.
Vase of 25 blooms light pink.
Vase of 25 blooms dark pink.
Vase of 25 blooms crimson.
General collection of Chinese, not less than five blooms of one variety.
General collection of Chinese single varieties, not less than five blooms of one variety.

THE READERS' CORNER.

Moss in Flower Pots.

I notice in one of your recent issues an article dealing with moss on flower pots, and I would like to offer one or two suggestions in regard to the same.

I take it that the moss here represented include algae, which very frequently grow on the exterior of pots and on the soil. The algae most common on pots are cladaphora, ulathrix, vaucheria, also various types of blue green algae such as oscillaria and anabaena, etc. Blue green algae can usually be distinguished by the dark, blue-green cast which they give to the pot, although the yellowish-green and blue-green forms are frequently intermixed, giving a combination of color between the yellow-green and blue-green. Most of the true mosses present a similar appearance to the yellow-green algae in their younger stage, although with the aid of a good hand lens they can usually be distinguished from one another.

Certain fertilizers, especially those frequently recommended for forcing flowers, are noted as inducing the growth of algae on the soil and pot. These fertilizers are usually quick-acting ones, especially predominating in ammonia compounds. A small quantity of lime added to the soil prevents to a large extent the growth of algae. In cases where lime does not act injuriously to plants it would be an excellent idea to use it to prevent the growth of algae and moss on flower pots. G. E. S.

How to Retain Help.

Noticing an article in the issue of May 5 headed "The Problem of Help," I wish to say that if the Californians would have better accommodations for their employes, such as sleeping quarters, and not put them in an old barn to sleep, not even furnishing a blanket, also give them better food and not beans three times a day for 365 days of each year, I think the labor problem would be solved. I am one of the many who have been there and taken a liking to the country, but not to the accommodations. So the Californians cannot blame the easterner for being of a roving disposition while there.

CARL HASS.

NEVADA, MO.—J. W. Primmer has had good results with carnations and is getting a big crop now.

MARIETTA, O.—James Clinton died at his home near Little Hocking May 1. He was 84 years of age and a florist at Wheeling and Parkersburg during the active period of his life.

WANTED
FICUS and BOSTON FERNS
WRITE, STATING SIZES, QUANTITIES and PRICES FOR IMMEDIATE ORDER.
Geo. Wittbold Co.
1657 Buckingham Pl., CHICAGO
Mention The Review when you write.

To Ivy Growers
WANT TO BUY at once all the Ivies I can get hold of. Write or call. Will be to your advantage.
Charles Millang,
59 West 29th St., NEW YORK.

WANTED TO EXCHANGE.
1500 Golden Gate or Ivory for same number of Bride plants. Ours are good plants, 2½-in. pots, and want good ones in return.
BENJAMIN DORRANCE,
DORRANCETON, PA.
Mention The Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail.
For particulars address John G. Esler, Sec'y., Saddle River, N. J.
Mention The Review when you write.

BURBANK'S EVER-BEARING CRIMSON WINTER RHUBARB

IS THE MOST DELICIOUS VEGETABLE THAT HAS EVER BEEN INTRODUCED.

Plants Set Out Now will Bear Next Winter and Spring. We are Headquarters for Plants and Seeds of this Rhubarb.

PLANTS READY NOW—$10.00 per 100, Express paid; Seeds $1.50 per oz. Send for circular and Catalogue.

THEODOSIA B. SHEPHERD CO., -- -- VENTURA, CALIFORNIA.

Mention The Review when you write.

PACIFIC COAST.

THE SEASON'S TRADE.

The nursery business begins in California about the first of September and ends about the first of May. By this I mean that during this period all our selling is done. But the greater bulk of the handling of stock is done during the rainy season which, in this portion of California, begins generally about the middle of November and lasts until the end of February or middle of March. In September and October the roses are shifted from the field into the greenhouses, and likewise the carnation plants, although generally a little sooner. All the rose growers had a big business, the largest in the history of the state for more houses are being put up each year and the demand has been great for hardy outdoor stock. Many flower growers have already placed orders with the big nurseries for their roses for next fall's planting and the demand, I think, will be larger than ever. With carnations many of the growers propagate entirely from their own plants and do not have as many places to buy outdoor stock as the growers do in the east, but many of our home places root a great many more cuttings than they can use themselves and other dealers get the benefit. I do not think from present indications that there will be as much building of carnation houses done this coming summer as formerly; most of the houses that are to be erected are for roses.

Now that I have disposed of the months in which these two staples are handled principally, I will mention the state of trade for other articles that the ordinary nurseryman handles. To begin with, our season should have opened about the middle of November, but it was a dry month and business was slow starting. Down in southern California rain was very scarce and planting was considerably retarded. December was a cold, frosty month, with a scant supply of water and it was January before we knew it. Dealers who make a specialty of fruit trees found very poor demand for anything outside of apples, prunes and cherries. Apricots and peaches went begging and plums and pears were a close second. There was a good demand for wine grapes, fair demand for citrus fruits and none at all for olives. Verily, the fruit tree business is a "corker" in California. One Fresno county nurseryman burned up 100,000 fruit trees last week because they did not happen to be the varieties called for this season, although they were the only kinds that could be sold last year and the year before.

And now let me pass on to ornamental stock in general. Our season begins with this class of goods generally about the middle of January. In the months of February and March we had in central and northern California only nine days in which rain did not fall. The Sacramento and San Joaquin valleys were entirely submerged and fully three-fourths of this state received such a drenching that we will for years to come refer to the winter of 1904 as that "wet winter." The result on business can hardly be appreciated unless one was in the midst of it all, as was the writer. It is now the middle of April, our season is almost over and still the ground in many places is too wet to plant. With fruit trees in blossom a month ago, deciduous trees full of leaves and everything else far advanced, our planters will postpone improvements until next fall. With small flowering plants and shrubs that are handled here late in the spring there has been a good demand and the balance of this month and the most of next will find the smaller dealers busy with this class of stock. The larger nurseries do not cater to this trade. G.

SAN FRANCISCO.

The Market.

Beautiful spring is here at last and we are having ideal California weather. Business has been very good for the past two weeks and everything offered has been handled at a good margin. The price of roses keeps up remarkably well. Good Brides and Maids are bringing $1 per dozen wholesale, which price I consider excellent for this season of the year. Shorter and weaker-stemmed roses can be had at low prices but there is a big demand for fancy stock. Beauties are selling wholesale today at $2.50 per dozen for the best and $1 to $1.50 for the poorer flowers. Liberty and Testout are bringing 50 cents to $1 per dozen, with a splendid demand for all the good blooms. Cecil Brunner is grown extensively by some wholesalers and they claim it is one of the best paying crops that can be planted. The flowers sell at $2 per hundred and, considering what a prolific proposition this rose is, it must be a money-maker in any place where it thrives. Although many of the growers are having a siege of "off crop" at present in the carnation line there has been a great quantity of flowers brought to market during the past few days and the quantity is increasing daily. I saw some extra fine Prosperity today from P. C. Meyer, of Burlingame, that are bringing 50 cents per dozen to the grower, also some Estelle as fine as it is possible to grow them, from A. Galloway of Fruitvale, selling at the same price. With smaller sorts we have an abundance at about $2 per hundred. L. longiflorum is more plentiful than at the last writing and selling at $2 per dozen for the best. Valley is scarcer. A few Darwin tulips are shown. Violets are out of season, also narcissi. Bride gladioli are beginning to come and sweet peas are more plentiful although we are paying $1.50 per dozen bunches today.

Various Notes.

P. J. Nicholson, of Elmhurst, is sending in the finest Maids I have seen this season. Frank Pelicano handles his en-

True Asparagus Plumosus Nanus.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.

Mention The Review when you write.

Violet Plants.

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. OCEAN PARK, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	**Variegated.**		
Scarlet.			Armazindy...	0.85	17.00
America.....	1.00	9.00	Prosperity...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention the Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

Mention The Review when you write.

The Early PEONIES Have Come

ALSO THE CHOICE SOUTHERN TULIPS.

We shall have regular supplies from now to the end of the season. Call on us for all your needs. Also best Roses and Carnations in quantity. "Green Goods" for everyone. : : : : : : : : :

SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
Long stem	$3.00
24-inch stem	2.00
20-inch stem	1.50
15-inch stem	1.00
12-inch stem	.75
Short stem	$4.00 to $5.00 per 100
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Liberty	4.00 to 8.00
Roses, our selection	2.00
Carnations	1.50 to 2.00
" large and fancy	3.00
Peonies	per doz., 75c to $1.00
Valley	3.00 to 4.00
Poets' Narcissus	1.00
Mignonette, per doz., 50c to 75c	
Sweet Peas	1.00 to 1.50
Callas, per doz.	$1.00 to $1.25
Harrisii	per doz., 1.00 to 1.50
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns from storage	1000, $5.00 .50
" "Snow Birds," 1000, 3.00	
Galax	per 1000, $1.25 .15
Adiantum	.75 to 1.00
Smilax	per doz., $2.50. ..
Leucothoe sprays	1.00

Subject to change without notice.

Mention the Review when you write.

tire crop and remarked today that Mr. Nicholson "certainly is a wonder."

The German Gardeners' Club of Oakland is contemplating giving a flower show during the latter part of August.

H. Plath, Chas. Fiek, J. W. Bagge, F. Pelieano, Wm. Eldred, P. Rock, Thos. A. Munro and N. Peterson comprise the committee of arrangements that has in charge the exhibition of the Pacific Coast Horticultural Society to be held in the grand nave of the ferry building on May 12 to 14. G.

DISEASED PLANTS.

Enclosed find sample each of a palm, geranium and hydrangea. They all seem to be affected with the same disease. Can you tell me what is the trouble with them? I did not think much of it until the palm started going the same way.

J. H. J.

Besides the above communication I have received a few leaves of diseased zonale geraniums from Dexter, Maine. We think we have been troubled in years past with the geraniums losing their foliage as the samples enclosed and, as I said a few weeks ago, we considered it caused by unfavorable conditions and when those conditions were remedied the disease disappeared. A damp, close and cool atmosphere, with little ventilation and too much water, has been the cause of the trouble with us and when the bright days of spring came, with more fresh air and active root growth, it disappeared.

There is a most marked resemblance between the dead tissue of the leaf of the palm (I think a kentia) and the hydrangea, but if this is a disease that is destroying the tissue of the leaf, is it possible that it is the same thing that is attacking such widely different plants as a palm and hydrangea? I regret that I am not a microscopist or don't have one at hand and therefore could only guess what has killed the tissue of the leaves. At first sight I would have said it was a bad case of sunburn, letting the plants get killing dry and the sun pour down on them through poor glass. But surely J. H. J. would know if he had been guilty of that neglect. Here is a case where the horticultural section of the Agricultural Department at Washington will be a great help to us florists when it gets fully started. Once more, I regret that I cannot enlighten J. H. J., for except a burn or a sadly neglected house plant I have never seen anything like it on either a palm or hydrangea. Your state agricultural college should be able to determine whether it is a specific disease and if it's the same on both plants.

W. S.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

CURRENT PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra long stem	$4 00
30-36-inch stems	3 00
24-inch stems	2 00
20-inch stems	1 50
12-15-inch stems	1 00
Short stems	per 100, $5 00 to 6 00
Bridesmaids	per 100, 4 00 to 6 00
Bride	4 00 to 6 00

	Per 100
Ivory	$4 00 to $6 00
Liberty	6 00 to 8 00
Golden Gate	4 00 to 6 00
Perle	4 00 to 6 00
La France	4 00 to 6 00
Kaiserin	6 00 to 8 00
Carnations, good	2 00
" fancy	3 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held April 26, President Ballantyne in the chair. Calceolarias were seen at this meeting, for which D. MacFarland, gardener for Mrs. H. Walter Webb, Scarboro, N. Y., was awarded President Ballantyne's prize of a fountain pen. It was decided to hold the annual June exhibition in the Lyceum, Tarrytown, June 10, open from 3 p. m. to 10 p. m., Frances Pammer, Tarrytown, being elected manager. The society offers a second prize of $10 for best twelve Dr. Enguehard chrysanthemum blooms, for which the F. R. Pierson Co. has already offered a silver cup for first prize at the November exhibition. The last Tuesday in May being ladies' night, the society hopes for a good attendance of members and expects to have a very pleasant evening's entertainment, at which refreshments will be served. At the last meeting a paper was read by Wm. Scott, Tarrytown, on calceolarias, and some very lively discussions followed, participated in by D. MacFarland, Jas. Scott, Wm. Brewer, Jos. Mooney and others.

T. A. Lee.

PEONIES. The best for DECORATION DAY.

Our stock is guaranteed. Order of

Kennicott Bros. Co.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

Wahoo, Neb.—The Polsley Floral Co. expects to soon begin extensive building operations.

Mount Pleasant, Ia.—G. J. Neal's place, formerly known as the West End Greenhouses, is now called the Beckwith Greenhouses.

Cedar Rapids, Ia.—L. C. Emmons & Co. are beginning business with 8,000 feet of glass. E. C. Keck, of Washington, Ia., is the junior partner.

Plattsmouth, Neb.—W. J. Hesser has sold his entire stock of decorative plants to Omaha florists and will retire from business. He expects to shortly move to southern California, where he will for a time reside with his son at Rialto.

CATTLEYA MOSSIAE... per doz., $6 00
CATTLEYA SKINNERI.. " 2.00
Assorted Orchids, $5 to $25 per box.

ORCHIDS

"Get in the Habit"
Of calling up
Long Distance Phone Central 3598,
or Telegraph, or a letter to
CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO
WHEN YOU WANT
Orchids, Peonies, Valley, Fancy Roses, Fancy Carnations, Bulbous Flowers and Greens of all kinds; or Supplies and Wire Work of any kind.

Mention The Review when you write.

IS ENTITLED TO CREDIT.

Editor Florists' Review:—Prompted by the desire to do justice I would be pleased to see a statement corrected, made by your St. Louis correspondent in the issue of the Florists' Review of April 28. In referring to Tower Grove park your correspondent digresses somewhat from the true state of affairs when he gives credit *only* to Mr. Giebel. It is true Mr. Giebel is propagator, but the other work of the floral department is under the care of Mr. Hugo Schaff.

James Gurney, Supt.

ST. LOUIS.

The Market.

The long-expected good weather has at last materialized and has helped the plantsmen greatly, in getting rid of a great amount of bedding stock and they are over head in work of all kinds in their line.

Of the cut flower trade we will say it is dull and that is putting it mildly, as trade is getting lighter each day and all the symptoms of summer are here. All the cut flowers are showing the effects of the warm weather and some really first-class stock went begging on Saturday for want of demand; $4 is now about the best price for roses, although some extra fancy bring $6 per 100. Fancy long Beauties are becoming very plentiful, and $2 per dozen is all they brought on Saturday. Some of Fred Ammann's stock is really fine. Liberty and Meteors are still good, also some extra fine Kaiserins. A good deal of the stock is coming in full bloom. There are plenty of roses in all grades for the demand and at prices to suit the buyer.

In carnations the market is glutted with fine stock, hard to sell at any price. Fancies only brought $2 the latter part of the week, firsts $1.50 and commons $1 in 100 lots. Prices in 1,000 lots went from $6 to $10 and the fakirs got the surplus for about nothing. In bulb stock the market is almost cut out. Romans, Paper Whites, tulips and Dutch hyacinths are out. Callas and Harrisii are still good in supply at $6 and $8 per 100. Outdoor valley is now in at $1.50 per 100. Sweet peas are very plentiful, with the best at 75 cents. The warm weather is rushing in all outdoor stuff, such as lilacs, cape jasmine buds, pansies and irises. Plenty of good, long smilax is in the market, also dagger and fancy ferns. Adiantum and Asparagus Sprengeri have good call.

Grandiflora Cape Jessamine Buds
....FOR....
DECORATION DAY

Play safe and give me a part of your orders. Largest stock in the U. S. Prompt service on time orders. Long experience. Most extensive trade.

Season open now and will continue until June 10.

STANDARD PACK 75c PER 100; $6.50 PER 1000.
500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Tex.

NOTE—Mail orders from distant states for Memorial Day use, should be forwarded by May 15; telegraphic orders by May 20.

Mention The Review when you write.

Quite a lot of entertaining is going on in the different state buildings at the World's Fair. Some of these buildings are handsomely decorated with plants. Beauties are extensively used at these affairs. The German building was made very attractive the past week by one of our west end florists. Some of our leading florists say that they expect work of this kind throughout the summer, which should help greatly during our usual dull summer months.

Various Notes.

J. W. Davis, of New Orleans, was a caller the past week. Robert Zirgenfelder, representing the Piqua Florist Folding Box Co., of Springfield, Ohio, called on the trade last week.

Twenty-five years ago last Thursday Henry Shaw, founder of the Shaw Botanic Garden and Tower Grove park, celebrated his sixtieth anniversary as a citizen of St. Louis, having come here in 1819. Hundreds of prominent citizens called at the Shaw mansion, at Seventh and Locust streets, and congratulated the philanthropist.

The attendance at the World's Fair continues good and the palace of horticulture is receiving more than its share of attention. The apple exhibit of Arkansas is tempting, with its famous Arkansas Black included in the 135 varieties shown. Arizona's grape display is also interesting.

J. W. Dunford, out in Clayton, is growing a lot of new varieties of sweet peas for Burpee, of Philadelphia, for their World's Fair exhibition, which takes place July 23 to August 2 in the Horticulture building.

Superintendent Hadkinson reports a number of entries already in for the tender rose exhibition which takes place May 21 to 25. Entries close May 18 and a big display is looked for. Supt. Hadkinson is surely a hustler, having nearly everything in apple pie order this early. Both he and Chief Taylor are all smiles.

Arthur Cowee, of Berlin, N. Y., expects to make one of the greatest exhibits of gladioli ever attempted. This

WRITE, TELEGRAPH, TELEPHONE—WE DO THE REST.

KENNICOTT BROS. CO.

Wholesale Commission Florists,

40-42-44 East Randolph St., CHICAGO, ILL.

GET YOUR ORDER IN EARLY FOR **JASMINE GRANDIFLORA**

25,000 AT $1.50 PER HUNDRED FOR

DECORATION DAY.

Also large supplies of PEONIES, 75c and $1.00 per dozen.

Thess are the popular flowers of ths season and the cheapest flowers for the money.

DECORATION DAY PRICE LIST.

American Beauties—	Per doz.		Brides	per 100,	$4.00 to $6.00	Calla Lilies	per 100,	$8.00 to $10.00
Long	$4.00 to $5.00		Maids	"	4.00 to 6.00	Valley	"	2.00 to 4.00
Fair length	3.00 to 3.50		Gates	"	3.00 to 6.00	Daisies	"	.60 to 1.00
Medium	2.00 to 2.50		Perle	"	4.00 to 6.00	Sweet Peas	"	.50 to 1.00
Short	1.00 to 1.50		Carnations—Fancy	"	2.50 to 3.00	Sprengeri	"	2.00 to 4.00
Meteors	per 100, 5.00 to 10.00		" Good average	"	1.50 to 2.00	Adiantum	"	.50 to .75
Liberties	" 5.00 to 15.00		Harrisii Lilies	"	8.00 to 10.00	Asparagus	per string,	.40 to .60

A few "Special" Roses billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

exhibit will be August 6 to 17, just in time for the S. A. F. members to view it. There are fifteen classes to be shown and Mr. Cowee has entered for all. The entries close August 3.

The banquet of the directors of Shaw's Garden will be held some time this month, at the Mercantile Club. The Shaw memorial services also take place this month at Christ Church, when the church is decorated with plants from the Garden.

George E. Kessler, landscape architect at the World's Fair, reports that the placing of 5,000,000 blooming plants in the cascades will finish the rainbow gardens. The effect will be produced through the use of geraniums and verbenas of many colors. The landscape department relies a great deal on geraniums for color and some 150,000 or more plants will be required to finish up their work. The surface soil is being placed now to receive the 13,000 plants required for the dial of the floral clock at the north entrance of the Agriculture building. The 5,000-pound bell that strikes the hours and half hours is now in place in a pavilion at the upper edge of the dial.

Bowling.

The florist bowlers rolled three games on Monday night. No. 1 again winning out in the odd game. Kuehn and Beneke did the best bowling for their respective sides.

Team No. 1.	1st.	2d.	3d.	T'l.
J. J. Beneke	201	190	183	574
Theo. Miller	165	163	154	422
F. C. Weber	125	151	133	409
Ed. Gerlach	106	128	118	352
F. M. Ellis	122	122	141	385
Totals	659	754	729	2142

Cape Jessamine Buds

CAN BE SHIPPED ANY DISTANCE WITH PERFECT SAFETY.

75c per hundred or $6.50 per thousand f. o. b. Dallas. Terms Cash.

TEXAS SEED & FLORAL CO.

DALLAS, TEXAS.

Team No. 2.	1st.	2d.	3d.	T'l.
C. A. Kuehn	151	139	200	490
Carl Beyer	140	138	153	431
F. H. Meinhardt	144	146	134	424
O. R. Beneke	153	123	111	387
Fred Weber	128	105	128	361
Totals	716	651	726	2093

The ladies' bowling club rolled with the men on Monday night and made the following scores:

Team No. 1.	1st.	2d.	3d.	T'l.
Mrs. Beneke	62	73	62	197
Mrs. Miller	101	153	116	370
Miss L. Meinhardt	95	90	97	285
Mrs. Schutzle	74	83	115	272
Mrs. Weber	75	46	45	166
Totals	407	445	435	1290

Team No. 2.	1st.	2d.	3d.	T'l.
Mrs. Beyer	94	102	88	284
Mrs. Meinhardt	82	115	124	321
Miss T. Meinhardt	103	84	84	271
Mrs. Ellis	87	104	125	316
Miss B. Meinhardt	151	135	98	384
Totals	517	540	519	1576

J. J. B.

IOWA FALLS, IA.—Miss Jennie Smuck is building another greenhouse.

Cape Jasmine.

Every package examined before shipping. Order of

KENNICOTT BROS. CO.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

WASHINGTON, IA.—E. C. Keck is doing a nice business and has been steadily adding to his glass, until he now has 35,000 square feet.

MITCHELL, ONT.—The Mitchell Nursery Co. is very busy with the vegetable plant trade. They do a large wholesale business in this line.

POTTSTOWN, PA.—Alex Cox feels well pleased with the results of 3,500 tulips, etc., which he planted last fall for a customer. The show is good in every way.

A FINE LOT

Japanese Bamboo Plants

IN FINE CONDITION. LARGE SIZE PLANTS.

	Each	Doz.		Each	Doz.
BAMBUSA NANA	50c	$5.00	BAMBUSA ARGENTEO STRIATA,	60c	$6.00
" PYGMÆA	50c	5.00	" ALPHONSE KARRI	50c	5.00
" AUREA	45c	4.50	" VEITCHII	60c	6.00

Collection of 1 plant each, 6 varieties, for $3.00

Collection of 6 plants each, 6 varieties (36 plants), for $15.00

Branch Store, 404 East 34th Street, N. Y.

STUMPP & WALTER CO., 50 Barclay Street, NEW YORK.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

It is reported that a Philadelphia house paid $12.50 for a bushel of yellow onion sets the past week.

A report from Green Bay, Wis., says that the Wm. Larsen Canning Co. will probably plant between 2,800 and 3,000 acres of peas. A large part of this acreage is in.

Sweet corn is bringing $6 to $8 per bushel and pickling cucumbers $1.35 to $1.50 per pound. Dependable stock in both cases is scarce and easily worth the higher figure.

Visited Chicago—C. L. Roadhouse, representing J. M. Kimberlin & Co., Santa Clara, Cal.; Harry Clair, representing the Planet, Jr., goods, Philadelphia; Henry Field, Shenandoah, Ia.

Seeding for onion sets is about completed at all of the growing points. The finish will be later than usual this year, but in most cases early enough to insure a good harvest, provided the season is favorable from now on.

A Chicago seedsman received a package of seeds from his congressman a day or two ago. It contained sweet peas, nasturtiums, mignonette, petunia, and sweet alyssum. These being "new and rare varieties," the seedsman bought a window box in order to give them a fair trial.

CORN TO PLANT.

On the question as to whether tips and butts of field corn should be discarded when shelling for seeding purposes, W. W. Tracy, Sr., Washington, D. C., writes:

"We are well convinced from our own experience that there is practically no choice in plants produced by the butt, middle and tip grains, and we think all the careful experiments made at the stations confirm this, but cannot call to mind any printed matter concerning it. There is an advantage in rejecting the tip and butt grains of field corn, because thereby we get a more uniform sized grain, which runs through the planter more evenly, and this secures a more even stand, but the advantage is, in my opinion, wholly on account of size of grain and while it holds in the case of any individual ear, we think it is small compared with having a stock where the ears are uniform in size of grain, etc."

J. A. Jeffery, of the Michigan Agricultural College, writes:

"There is still a great deal of discussion among farmers, and especially among corn breeders, as to whether tips and butts should be planted. To my mind the chief reason for shelling out the tips and butts is that more uniform kernels may be had for planting with the horse planter. I think it is true that the larger the kernel the more the young plant may profit from the supply of food stored up in the seed. On the other hand it is equally true, as shown by experiments conducted by our students, that the nearer the kernel lies to the tip of the ear the more quickly it germinates and the more energetic the early growth, and I am inclined to believe that this energy in early growth compensates fully for the lack of food which it obtains from the seed. We found the butt kernels to give the slowest germination. From the standpoint of yield we should not hesitate to plant either butt or tip kernels and it seems to us that there may be a natural law demanding that kernels from all parts of the ear should be planted. I regret that we have no data from our experiment station work upon the subject. D. J. Crosby, now of the office of experiment stations at Washington, found, in a line of investigation carried on here in connection with his thesis work, that the size of kernel from the same part of the ear made a weighable difference in the crops produced from these kernels. The difference in the size of the seed in the case of corn did not appear in this case to make so great a difference in the yield as did the difference in the size of seed in the case of oats, peas and beans."

DRYING SEEDS.

The following is from the pen of Martin J. Sutton, of Sutton & Sons, Reading, England:

Some five-and-twenty years since I read a report, written early in the nineteenth century, from an Indian government official, calling attention to the fact that he had had seeds raised by his gardener in his English country home for his use in India; that while some of these seeds had proved excellent, others were absolutely worthless. On inquiry he found that in the one case the pods containing the seeds had been hung up in the chimney corner of the kitchen of the English mansion for some time and the seeds placed while warm in bottles and sealed. The seeds that had failed, although dried in a similar way, had not been bottled for a con-

Plant Now **Lily of the Valley** For JUNE WEDDINGS.

I carry in cold storage nothing but the FINEST GRADE OF VALLEY. MY STOCK IS IN EXCELLENT CONDITION and will do splendid.

$1.50 per hundred; $14.00 per thousand.

Headquarters for FINEST CUT VALLEY.

H. N. BRUNS, 1409-1411 W. Madison St. **Chicago.**

Mention The Review when you write.

C. & C. CEED

Calceolaria Hybrida Grandiflora, C. Hybrida Grandiflora Compacta, James' Superb Strain. 60c per ½ trade packet, $1.00 per trade packet. C. Rugosa (Shrubby), 34c packet, small.

Cineraria Grandiflora prize, blue, crimson, white, dwarf, mixed, medium tall mixed, 60c ½ trade packet, $1.00 trade packet. James' Giant Strain mixed, same price as above. Choice mixed Hybrids, ½ trade packet, 30c; trade packet, 50c. Double mixed, ½ trade packet, 60c; trade packet, $1.00. Sutton's Stellata (Star Cineraria), original packet, 60c. Stellata hybrida, original packet, $1.00. Maritima Candidissima, white leaved, trade packet, 10c; 1 ounce, 25c.

HENRY F. MICHELL CO., 1018 Market St., **Philadelphia.**

Mention The Review when you write.

LILY OF THE VALLEY. COLD STORAGE.

Extra Selected Pips for delivery from now on through the Summer and Autumn, $15.00 per 1000.

Asparagus Plumosus Nanus Seed—New crop, sound and plump greenhouse grown, 75c per 100; $6.00 per 1000. **Lorraine Begonias**—Healthy stock, 2¼-inch pots, **immediate delivery**, $3.00 per doz.; $22.50 per 100; $200.00 per 1000. 2¼-inch pots, June—August delivery, $2.00 per doz.; $15.00 per 100; $140.00 per 1000. **ORDERS BOOKED NOW for Lilium Harrisii, Longiflorum, Freesias, Callas, Hyacinths, Narcissi, Tulips, etc. BEFORE PLACING YOUR ORDERS FOR FORCING BULBS send me your list of requirements for prices.**

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

Mention The Review when you write.

Lawn Grass Seed in bulk and packages

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote
LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS
and other Bulbs for florists. Send for prices, stating kinds and quantities required.

ASPARAGUS PLUMOSUS NANUS,
$1.00 per 100; $7.00 per 1000.

CYCAS REVOLUTA STEMS, per case of 300 lbs. at 6c per lb.; broken cases at 8c per lb. The stems run from 1 to 5 lbs. each.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.

Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.

Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

LILY OF THE VALLEY PIPS

FROM COLD STORAGE

In original cases of 500, 1,000 and 2,500. Prices on application.

CHAS. F. MEYER, 99 WARREN ST. NEW YORK

Mention The Review when you write.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

siderable time afterwards. This hint was sufficient to start me on a long series of experiments, having for their object the safe elimination of the excess of moisture which all seeds contain as harvested in the English climate, however dry they appear when handled. This moisture has been a cause of very great trouble when English seeds, packed in hermetically sealed boxes, passed through the tropics, where the heat in the ship's hold caused the seeds to sweat and become moldy.

Naturally, I found there was a very great diversity in the amount of such moisture contained in the different varieties of seeds, and that, while some seeds could safely lose an amount of moistnre equal to 10 per cent of their weight, others could not part with more than 5 per cent without injury; consequently, the degree of dry heat to which seeds could be safely exposed, and the proper duration of such exposure before packing, varied very much, while some seeds required much more gradual desication than others. But before the experiments were completed, knowledge on these details was acquired, with the result that there seems hardly any limit to the period during which the germination of seeds may be conserved if they are properly prepared by drying in a suitable high temperature and hermetically sealed in that temperature.

For many years past seeds thus packed by my firm have been successfully used in all climates.

EVERY FLORIST and NURSERYMAN NEEDS THEM

JUST RECEIVED.

250,000 Japanese Bamboo Plant Stakes.

Just the right size for staking carnations, chrysanthemums, geraniums, roses, etc., etc.

5 feet and over, ¼ to ⅜-inch, per 500, $2.75; per 1000, $5.00; per 2000 $9.00.
6 feet, ¼ to ⅜-inch, per 500, $3.25; per 1000, $6.00; per 2000 $11.00.
6 feet, extra strong, for nurserymen, ½ to ¾-inch per 1000, $6.00; per 2500, $14.00.

FRESH CYCAS STEMS, assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.), $18.00.

FERN BALLS, 5-inch per 100, $12.00.

FOSTITE (Death to Mildew). Prevents and checks **Carnation Rust, Mildew on Roses,** Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

VAN NAMEN'S EXCELSIOR HOLLAND CABBAGE SEED.

Late, large, round, solid white heads. One pound has produced $250.00 worth of cabbages. Pkt., 25c; ¼ lb., 75c; lb., $2.00. Highly recommended by all who have sown this seed.

SPRING FLOWERING BULBS in Mixed Varieties.

CANNAS, strong roots, per 100, $1.00. **DAHLIAS,** whole roots, per 100, $4.00.
GLADIOLI, extra first size, light colors, per 100, $1.00; per 1000, $8.00.
Cash with order please.

C. H. JOOSTEN

IMPORTER -- 201 West Street -- NEW YORK.

Mention The Review when you write.

AN EXCEPTIONAL OFFER **HIGH-GRADE BULBS** 250 BULBS at 1000 RATE.

GLADIOLUS-FLORACROFT Prize Mixture, $1.25 per 100; $10.00 per 1000
Size and Quality Unsurpassed.
JOHNSON & STOKES' Special Mixture, 90c " 6.00 "
Carefully Selected Stock, Fine Bulbs.

Tuberous Rooted BEGONIAS—Splendid Bulbs.

Single, white, red, yellow, crimson and scarlet.....Per doz., 30c; per 100, $2.00; per 1000, $18.00
Double, white, red, yellow, crimson and scarlet. .... " 50c; " 3.75; " 35.00

CYCAS REVOLUTA—Sago Palm Stems.

Long-leaved variety.....Per lb., 12c; per 10 lbs., $1.00; per 25 lbs., $2.00; per 100 lbs., $7.00
Stems range in weight from 1 lb. to 10 lbs. Special quotation on case lots of 300 lbs.

GLOXINIAS.

Splendid mixed, all colors.....Per doz., 30c; per 100, $2.00; per 1000, $18.00
Giant Flowering, red, pink, blue, spotted and white..... " 50c; " 3.25; " 30.00
Lilium Spec. Rubrum—8-9 (160 to case)..... " 75c; " 5.50;
Spotted Callas—Fine bulbs..... " 30c; " 1.75; " 15.00

JOHNSON & STOKES, 217 AND 219 MARKET STREET, PHILADELPHIA, PA.

CUSHMAN'S HYBRID 1904 GLADIOLUS BULBS

AT PRACTICAL LIVING PRICES

Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture

CUSHMAN GLADIOLUS CO., SYLVANIA, O.

Burpee's Seeds Grow

Mention The Review when you write.

Samuel S. Pennock, WHOLESALE FLORIST

SPECIAL RIBBONS for Weddings and Commencements.

HIGH-GRADE FLOWERS

SUPPLIES OF ALL KINDS.

1612 {Ludlow Street, Philadelphia

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE Texas nurserymen report having had a fine season for both stock and business.

ONE of the best all around sellers is the ampelopsis. Nearly every customer has a place for it.

ONE of the park boards doing considerable new work has found it hard to get American elm of the larger sizes.

IT is said that Koster's form of the Colorado blue spruce is more in demand at present than any other evergreen.

COLORADO SPRINGS COLO.—Wm. Clark, florist, is advertising that his is the only place in the city to buy trees and shrubs.

FOR low hedging and ground cover there are few hardy plants more adaptable than Berberis Thunbergi. It is of rapid growth.

THE Piedmont hotel at Atlanta, Ga., has been selected as headquarters for the convention of the American Association of Nurserymen, June 22 to 24.

THE J. Van Lindley Nursery Co., Pomona, N. C., is doing a steadily increasing business and will double its office space before another season.

PARTIES at Wabash, Ind., are planting a large number of catalpa trees for fence post material and the venture is arousing considerable interest in the neighborhood.

THE retinosporas are hardy but should be somewhat protected from winter winds. Small plants are much in demand for use in cold weather window boxes in the larger cities.

T. H. DOUGLAS, of R. Douglas' Sons, says that all piceas, including the very largely planted Norway spruce, stand pruning well, but that it should be done before July 1 in the northern states.

GYSOPHILA PANICULATA.

This member of the stitchwort family was unknown to the general public ten years ago, and now it is seen everywhere, and at every summer flower show it is very much in evidence, both as a setting to the displays of hardy flowers, and as a feature of the table decoration competitions. It is of simple culture, growing in any soil in a sunny position, but only attaining perfection where there is a good supply of lime in the soil, when it forms a bush three feet high, and as many through, covered all over with myriads of tiny white flowers. Its name is formed from two Greek words, meaning "love of lime," and where the soil is not obviously rich in this constituent some lime or mortar rubbish should be added to it before planting.

It is a perfectly hardy perennial, and an unlimited number of plants can be obtained by sowing a small packet of seed in the early spring, and pricking out the seedlings in a prepared nursery bed, six inches apart, where, though the young plants will not appear to be doing much the first season, they will become strong and well-rooted. (N. B.—Be sure you get Gypsophila paniculata, or you may find you have reared plants of an annual kind only.)

In the autumn the plants should be taken up, with a nice ball of earth, if possible, though this is by no means easy, as the roots are long and fibreless, and very brittle. In planting them in their permanent positions space should be allowed them to make bushes three feet in diameter, and they should not be disturbed again. The second summer after sowing, if they were sown early in the spring, and given good treatment, they will make fine specimens, and the third summer be at their best. They need protection from slugs in their young state, as also afterwards, when the shoots are emerging from the ground in the early spring. They are then apt to be grazed off level with the ground, which means the plants will be much later coming into flower, and much less strong, to say nothing of a possible loss if the injury is repeated. A few cinder ashes over the crowns in the autumn is the best safeguard against this, and if the season is wet, some soot should be mixed with the ashes.

The plants need the support of stout stieks, or even short stakes, in the summer time, as each one of the myriad blossoms holds a drop of water even after a moderate shower, and the total weight then is sufficient to bring the whole inflorescence to the ground, even without any wind. As three or four stems will come up from each crown, when the plants get well established, stout sticks should be put to each shoot early in the season, and at a good distance apart, for though the shoots look slender at first, they will produce, later, an abundance of laterals from top to bottom, and each lateral a number of secondary shoots. If more than five shoots come up from one crown, the weakest should be pulled out, as there is not room for more than four or five to develop properly.

From one well-grown plant handfuls of sprays may be picked without spoiling its appearance, if they are carefully cut where thickest. As the laterals reach from the summit of the main stems, right down to the ground, the lowest sprays should be picked first, as a heavy rain beats them on the ground, and renders them useless. If a little superphosphate of lime is applied in the spring, and hoed in round the plants, their vigor and floriferousness will be much increased. Gypsophila has the advantage of lending itself to association with almost all other flowers, and serves as blossom and greenery at the same time. —Gardeners' Magazine.

NEW ALBANY, IND.—A. Rasmussen will shortly remove his store to Pearl and Market streets.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.

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Current Price List.

	Per Doz.
AM. BEAUTIES, ex. long stem	$4.00
" " 30 in. stem	3.00
" " 24-in. "	2.50
" " 20-in. "	2.00
" " 15-in. "	1.50
" " 12-in. stem	1.25
" " Short stem, per 100	$6.00-8.00

	Per 100
CHATENAY, extra select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, extra select	8.00 to 10.00
" medium	4.00 to 6.00
SUNRISE, extra select	8.00
" medium	4.00 to 6.00
BRIDE	4.00 to 6.00
BRIDESMAID	4.00 to 6.00
GOLDEN GATE	4.00 to 6.00
PERLE	4.00 to 6.00
CARNATIONS	1.50 to 2.50
ROSES, OUR SELECTION	3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & O. on orders over $5.00.

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Wholesale Cut Flower Prices.

Philadelphia, May 11.

	Per doz.
Beauties, Specials	$2.00 to $3.00
" Extra	1.50 to 2.00
" No. 1	1.00 to 1.25
" Shorts	.75
Queen of Edgely, Extra	2.00 to 2.50
" " No. 2	1.00 to 1.50
" " Shorts	.75

	Per 100
Bride and Bridesmaid, Specials	5.00 to 8.00
" " Extra	2.00 to 4.00
Golden Gate, Firsts	5.00 to 8.00
" Seconds	2.00 to 4.00
Kaiserin, Firsts	5.00 to 8.00
" Seconds	2.00 to 4.00
Liberty, Firsts	8.00 to 15.00
" Seconds	3.00 to 6.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perle	2.00 to 4.00
Sunrise	2.00 to 6.00
Carnations, Commons	1.00 to 1.50
" Fancies	2.00 to 2.50
" Mrs. Lawson	2.50 to 3.00
" Prosperity	4.00 to 5.00
" Enchantress	4.00 to 5.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	35.00 to 50.00
Callas	6.00 to 10.00
Daffodils	3.00
Daisies	.50
Lilium Longiflorum	5.00 to 8.00
Lily of the Valley	3.00 to 4.00
Mignonette	1.00 to 2.00
Pansies, per bunch	.02 to .03
Smilax	12.00 to 15.00
Sweet Peas	.50 to 1.00
Snapdragons	2.00 to 4.00
Gardenias	5.00 to 12.00

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Charles Millang, 50 W. 29th St. New York

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Special arrangements this season for the extensive handling of American Beauties.
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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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Wholesale Cut Flower Prices.

New York, May 9.

		Per 100
Beauties, Specials	$ 6.00 to	$10.00
" Extra	4.00 to	6.00
" No. 1	2.00 to	4.00
" Shorts	1.00 to	2.00
Brides and Maids, Specials	3.00 to	4.00
" " Extra	2.00 to	3.00
" " No. 1	1.00 to	2.00
" " No. 2	.50 to	1.00
Golden Gate	1.00 to	4.00
Liberty	2.00 to	20.00
Meteor	1.00 to	3.00
Ulrich Brunner	3.00 to	20.00
Orchids, Cattleyas	40.00 to	50.00
Carnations, Common	.50 to	.75
" Selects	1.00 to	1.25
" Fancies	1.50 to	2.00
" Novelties	2.00 to	3.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum		1.50
Asparagus Plumosus, strings	25.00 to	50.00
Callas	3.00 to	4.00
Daisies	1.00 to	2.00
Gladiolus	10.00 to	12.00
Lilac	.25 to	1.00
Lilium Harrisii	3.00 to	4.00
Lily of the Valley	1.00 to	3.00
Mignonette	.50 to	3.00
Narcissus	.25 to	1.50
Pansies, per bunch	.01 to	.04
Smilax	6.00 to	12.00
Stocks, per bunch	.10 to	.20
Sweet Peas " "	.01 to	.05
Tulips	.50 to	1.00

TAKOMA PARK, D. C.—G. E. Anderson is now in charge of J. R. Freeman's Brightwood avenue place. The stock is all in nice shape and business is good, with excellent prospects for the future.

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Pittsburg, May 11.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	12.00 to 18.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 3.00
Brides and Maids, Specials	6.00 to 8.00
" " " Extra	4.00 to 5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	3.00 to 12.00
Meteor	2.00 to 4.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	20.00 to 25.00
" " sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	5.00 to 8.00
Daffodils	1.00 to 1.50
Daisies	.50 to 3.00
Gladiolus	6.00 to 12.00
Lilium Longiflorum	4.00 to 8.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.00 to 2.00
Narcissus	1.00 to 1.50
Pansies	.25 to .50
Smilax	15.00 to 20.00
Candytuft	1.50 to 2.00
Sweet Peas	.50 to 1.50
Tulips	1.00 to 1.50
Violets	.20 to .50

Buffalo, May 11.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 20.00
" No. 1	10.00 to 12.00
" Shorts	5.00 to 7.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 6.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	4.00 to 8.00
Cusin	3.00 to 5.00
Golden Gate	3.00 to 6.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 8.00
Meteor	3.00 to 6.00
Perle	3.00 to 6.00
Sunrise	2.00 to 5.00
Orchids, Cattleyas	50.00 to 75.00
Carnations, Commons	1.00 to 1.50
" Selects	1.50 to 2.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	.40 to 1.00
Asparagus plumosus, Strings	40.00 to 75.00
" " Sprays	25.00 to 35.00
" Sprengeri	25.00 to 35.00
Callas	6.00 to 8.00
Daffodils	1.00 to 2.00
Daisies	.50 to 1.00
Lil. Longiflorum	6.00 to 10.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.50 to 3.00
Narcissus cut door	.30 to .50
Smilax	20.00
Sweet Peas	.40 to 1.00

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

MADISON, WIS.—E. E. Thompson has retired from business, Fred Rentschler having bought his stock.

PALESTINE, ILL.—E. T. Oldham's address is now Rural Route No. 1, this postoffice, instead of Box 764, Pontiac, Ill.

SPRINGFIELD, O.—The Good & Reese Co. is constantly enlarging its business and is pressed for room in the greenhouses. Some of the houses will be double-decked.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,
38 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

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of good quality always on hand.

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WHOLESALE FLORISTS,

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Wholesale Cut Flower Prices.

Chicago, May 11

	Per doz.
Beauties, Long stems	$4.00
" 30-inch "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.00
" Shorts, per 100	$4.00 to 6.00

	Per 100
Bridesmaids, Specials	$5.00 to$ 6.00
" Firsts	3.00 to 4.00
Brides, Specials	5.00 to 6.00
" Firsts	3.00 to 4.00
Liberty, Specials	8.00 to 10.00
" Firsts	4.00 to 6.00
Golden Gate, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Meteor, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Ivory, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Sunrise, Firsts	8.00
" Seconds	3.00 to 6.00
Perles, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Carnot	5.00 to 8.00
La France	5.00 to 8.00
Kaiserin	5.00 to 8.00
Carnations, Fancy	3.00
" Common	1.00 to 2.00
Cape Jasmines	1.00 to 2.00
Peonies, per doz.	.60 to .75
Tulips	2.00
Pansies	.20 to .75
Mignonette, doz.	.50 to .75
Poets Narcissus	1.00
Sweet Peas	.50 to 1.50
Easter lilies, $1.00 to $1 50 per doz.	
Callas, $1.00 to $1.25 per doz.	
Valley	2.00 to 4.00
Asparagus strings	40.00 to 50.00
" sprays, per bunch	.35 to .50
" Sprengeri	3.00 to 6.00
Smilax, per dozen	2.00
Galax, per 1000	1.25
Ferns, per 1000	2.00 to 4.50

REMERBER THE SIGN at the Milwaukee S. A. F. meeting:—

"When others fail go to

Kennicott Bros. Co.

they will fill your order."

40-44 Randolph Street, -- CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.

Write for special quotations on large orders.

BRANT & NOE

FLORAL COMPANY,

58-60 Wabash Ave., CHICAGO.

Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Chas. W. McKellar,

WHOLESALE COMMISSION FLORIST,

And Dealer in

ALL Florists' Supplies,

51 Wabash Ave., CHICAGO.

Long Distance Phone Central 3598.

CORRESPONDENCE INVITED FROM GROWERS HAVING Specialties in Cut Flowers.

Mention The Review when you write.

To Cut Flower Growers:

Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.

CALL ON OR ADDRESS PERCY JONES, Manager.

PERCY JONES

Wholesale Cut Flowers,

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

STANDING ORDERS SOLICITED.

Mention The Review when you write.

SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

Mentton The Review when you write.

J. A. BUDLONG

37-39 Randolph Street CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of.. Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. CUT FLOWERS CHICAGO

Poehlmann Bros.

Wholesale Growers of and Dealers in Cut Flowers.

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

FRANK GARLAND,

Wholesale Grower of....Cut Flowers.

Special attention given to Hardy Cut FERNS.

51 Wabash Avenue, CHICAGO, ILL.

Room 218. Telephone Central 3284.

Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

ORANGE BLOSSOMS, GARDENIAS, SWEET PEAS

AND A FULL LINE OF SPRING FLOWERS--Write for Prices to

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Mention Review when you write. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Wholesale Cut Flower Prices.

Milwaukee, May 11.

		Per 100
Beauties, Specials		$25.00
" Extra	18.00 to	20.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4 00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	6.00
Liberty	6.00 to	10.00
Mme. Chatenay		6.00
Meteors	4.00 to	6.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Selects		1.50
" Fancies		2.00
Adiantum Cuneatum		1.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Callas		6.00
Daisies		.75
Gladiolus		6.00
Lilium Longiflorum		6.00
Lily of the Valley		3.00
Mignonette	2.00 to	3.00
Pansies		2.00
Smilax	15.00 to	20.00
Sweet Peas	.50 to	.75
Tulips	2.00 to	3.00
Violets		.50

PANA, ILL.—Frank Shaffer has established agencies in several neighboring towns and is advertising in the local papers to help them get business.

ELIZABETH, N. J.—Paul Orlin, of Summit, was granted a judgment for $282 and costs against Cates Bros., in his action for the collection of back wages.

OWATONNA, MINN.—Thos. E. Cashman, president of the Clinton Falls Nursery Co., has been in Chicago recently and placed an order with the A. Dietsch Co. for material for a new greenhouse plant. Mr. Cashman was recently appointed a delegate to the Good Roads Convention at St. Louis by Governor Van Zant, of Minnesota.

Wholesale Cut Flowers and Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention the Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX LEAVES.

Brilliant Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5,000.

Leucothoe Sprays, assorted sizes, $1.00 per 100. Fancy or Dagger Ferns. Cycas Leaves and all kinds of Florists' supplies at lowest market prices.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. **New York**

Mention The Review when you write.

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 11.

		Per doz
Beauties, Specials	$2.00 to	$2.50
" Extra	1.00 to	1.50
" No. 1	.75 to	6.00
		Per 100
Brides and Maids, Specials	5.00 to	6.00
" " Extra	3.00 to	4.00
" " No. 1	1.50 to	2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	6.00
Liberty	3.00 to	5.00
Meteor	3.00 to	5.00
Perle	2.00 to	3.00
Sunrise	2.00 to	3.00
Carnations, Common	1.00 to	1.50
" Selects	2.00 to	2.50
" Fancies	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Callas	5.00 to	6.00
Lilac	2.00 to	3.00
Lilium Harrisii	6.00 to	8.00
Lily of the Valley	1.50 to	4.00
Pansies	1.50 to	2.00
Smilax	15.00 to	18.00
Sweet Peas	.25 to	.75
Violets		.15

Cincinnati, May 11.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	8.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		6.00
" " Extra		5.00
" " No. 1	1.00 to	4.00
" " No. 2	2.00 to	3.00
Cusin	2.00 to	4.00
Golden Gate	2.00 to	6.00
Kaiserin	2 00 to	8.00
Liberty	2.00 to	8.00
Meteor	2 00 to	6.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Selects	1.50 to	2.00
" Fancies	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings	50.00 to	75.00
" sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	6.00 to	10.00
Daisies	.35 to	.75
Lilium Longiflorum	6 00 to	10.00
Lily of the Valley	3.00 to	4.00
Narcissus	2.00 to	3.00
Smilax	15.00 to	20.00
Stocks	2.00 to	4.00
Sweet Peas	.35 to	.75
Violets		.50

GRAND RAPIDS, MICH.—Crabb & Hunter will build two more 300-foot greenhouses this summer, adjoining the five houses built last year at their Reed's Lake plant. These will be devoted entirely to roses.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. **BEST CALIFORNIA VIOLETS** in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Cable Address: ALEXCONNELL. WESTERN UNION CODE
Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.
Suburb of Chicago.
Out-of-town orders of all kinds given careful and prompt attention.
Long distance phone, Evanston 56.

WM. SCOTT CO.

Main and Balcom Sts.
Buffalo, N. Y.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

1294 BROADWAY,
IN THE HEART OF
New York City
TEL. 2270 38TH ST.
OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,
Tel. 192 Riverside,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,
522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.
ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

HUGH GRAHAM, PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity
WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

A. WIEGAND & SONS, FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

MEMORIAL DAY

WILL BE A BUSY TIME FOR YOU IT WILL BE BUSIER THAN EVER BEFORE IF YOU ARE WELL SUPPLIED WITH AN ATTRACTIVE LINE OF STOCK APPROPRIATE FOR THAT OCCASION—WRITE TO

H. BAYERSDORFER & CO.

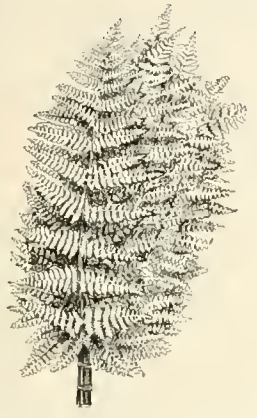
TO SEND YOU THEIR HANDSOME NEW

METALLIC WREATHS,
CYCAS WREATHS and LEAVES, of Finest Quality
Also IMMORTELLES of all colors,
Highest Grade WHEAT SHEAVES.

FRENCH BEADED WREATHS,
RUSCUS WREATHS, The Popular Smilax-like green.
FRESH CAPE FLOWERS.

These and many other things will be found in the Catalogue (Send for it) of the Largest Florists' Supply House in America.

50, 52, 54 and 56 North 4th Street, PHILADELPHIA.



PLACE YOUR ORDERS

FOR NOW AND MEMORIAL DAY

New Crop Dagger Ferns, A No. 1 Stock, $2.00 per 1000

Discount on large orders. We have the Best and Largest **DAGGER FERNS** in the country, and we are now in a position to fill any size order at very short notice. We carry the Finest and Most Complete Stock of Florists' Hardy Supplies.

Bronze and Green Galax, best quality, $1 per 1000
Bouquet Green, best quality.....8c per lb.
Bunch Laurel, large bunch.....50c

Green Moss.....$1.00 per bbl., 75c per bag
Laurel Festooning, good and full, 5c and 6c per yd.
Leucothoe Sprays.....$1.00 per 100

☞Place any size order with us and you are sure to obtain the Best and Finest Stock, promptly delivered. Orders by mail, telephone or telegraph will receive our prompt and personal attention.

HENRY M. ROBINSON & CO.

L. D. TEL. 2618 MAIN
11 Province St. BOSTON.

Saying and doing are two different things. We don't say much, but we do everything we say.

Order your... **Decoration Day Stock** from us.

Kennicott Bros. Co.,

40-44 Randolph St., CHICAGO.

ORANGE, N. J.

The regular monthly meeting and floral display of the New Jersey Floricultural Society was held May 6. A very practical and concise paper upon "The Commercial Rose from Planting to Cutting" was read by Harry O. May, of Summit, his maiden effort, which was well received and provoked considerable discussion from a large number of members present. The usual display of cut flowers came from Peter Duff, George Smith and William Bennett and plants in pots from D. Kindsgrab, Malcolm MacRorie and Chas. Ashmead. The orchids, Cattleya Mossiae, C. Mendelli, C. Skinneri and Brassavola fragrans, were from the houses of William Barr, of Llewellyn Park, who devotes an entire range of glass to these exotics, grown by Arthur Bodwell. These were of particular interest and were noticed in illustrated articles in the public press. Two new members, Paul Minder, of Newark, and William Reed, who has taken George Smith's place at Colgate's, were elected. A discussion upon new certificates for the society filled out the evening.

George Smith has taken possession of the stand of Massman of East Orange, which he recently purchased.

J. B. D.

CINCINNATI.

The Market.

The good prospects for a rattling business which were in evidence last week were of such short-lived duration that it almost took one's breath away to see how prices tumbled. The bright, warm weather brought flowers into bloom by the thousands and they were piled into the wholesale houses by the wagon load. The warm weather seemed to have had a depressing effect on the demand, which for a couple of days dwindled to almost nothing. At present business is much better, there is not so much stock in sight and the temperature is cooler. The hot weather soon made itself seen in the quality of the stock. Roses, especially, are getting small and Beauties are losing color. Carnations, also, are losing size and red ones are beginning to suffer somewhat. There are lots of calla and longiflorum lilies and they sell quite well, but at low prices. Violets have breathed their last and are now out of this market till next fall. Bulbous stock is also about done. Ferns and "green goods" are as last reported.

Various Notes.

G. Bruner's Sons, of this city, have gotten out a little catalogue describing their varied stock of hardy hybrid, perpetual, climbing and tea roses for garden and bedding purposes. They have been in the business for years and their stock is of the best and contains many varieties.

The regular monthly meeting of the Florists' Society will be held Saturday evening, May 14. Nominations for board of directors for the coming year will be in order and our annual picnic will also be talked over. Anyone with some new or novel plan will be welcomed.

M. Heller, of New Castle, Ind., was a visitor.

C. J. Ohmer.

BRANT & NOE.

A recent visit to the establishment of Brant & Noe, at Forest Glen, Ill., where I met many old friends and made some new ones, was one of my pleasant experiences. Mr. Brant has the happy knack of making visitors feel so much at home that they almost imagine they are there in fact and so feel no compunction in critically examining every house. I felt so and did so, and am pleased to record that their roses, the Beauties in particular, are a revelation. In size, color and shape of bud they are simply perfection. The quantity of high grade long stems they are cutting certainly shows that Messrs. Kimel and Sahn, the managers, are masters of the art.

A finer crop of carnations it has not been my fortune to see this season, and judging from the quality of the young stock they are at present fielding, and the go-ahead way the work is being conducted, it is a good augury for the coming season.

Ribes.

Columbus, O.—A new greenhouse will replace the dilapidated structure at City park. Architect Frank L. Packard has charge of the plans. The city has no money with which to build the greenhouse and a bond issue will be necessary.

New York Flower Market.

The first and most desirable floor of the Coogan Building will shortly be fitted up as a flower market. The second floor of this building is occupied by the New York Cut Flower Co., and the third floor is occupied by the Cut Flower Exchange. Concentration of the wholesale portion of any business whatsoever is absolutely necessary.

Here is an excellent chance for Commission Men, Wholesale Florists and Growers to get together under one roof.

The location is the best in the city for the flower business and the rent is reasonable. For further particulars address

NEW YORK FLOWER MARKET, Coogan Bldg., 55 and 57 W. 26th St., Cor. 6th Ave., Room 105. **New York.**

PIPING FOR STEAM.

We have two houses 16x100 feet, nine and one-half feet to ridge, protected by a shed on one side, other wall four and one-half feet high with eighteen inches of glass below gutter, boiler in a pit six feet deep at the middle of the protected side. How would you pipe for steam? Would it be advisable to run the flow pipe overhead across the two houses? The houses are to be used for carnations and 60 degrees will be required when it is 20 to 25 below zero outside. We have a lot of 2-inch pipe on hand and would like to use as much of it as possible. Please state amount of radiation and capacity of boiler required.

S. O. B.

To heat the houses described to 60 degrees in cold weather at least 900 feet of radiation should be provided. If 2-inch pipe is used it will require a 2-inch riser under the ridge of each house and seven full length returns disposed, preferably, under the benches. Such a plan contemplates 1,600 lineal feet of 2-inch pipe. If it is desirable to run the main riser as indicated a 3-inch pipe should be provided from the boiler to a point directly under the ridge of the nearest house; here a 2-inch pipe should be taken off to run to each end of the house and there divide to supply the seven returns needed in that house. The riser should be continued as a 2-inch from this point to a position directly under the ridge of the most distant house, where it should divide into two 2-inch pipes, one running to each end of this house and returning in the seven 2-inch returns which should be distributed so that at least four of them will be under the bench nearest the outside wall. The grade of the main riser should be so arranged that it will fall to the boiler from the point under the ridge of the most distant house. All other flow pipes should have their highest point directly over the T's, where they leave the large riser. If the main riser is overhead as indicated the feed pipes for each of the houses should be supplied from the main by a short pipe carrying them close to the ridge directly over the main flow pipe and drop from this point toward each end of the house. Carry up a separate pipe for each flow pipe; do not carry up one and use a T at the top of it. Take each flow off the main flow independently of all others. A boiler sufficient to carry these houses will be provided in one having 120 feet of heating surface under five pounds pressure.

L. C. C.

WASHINGTON.

Bright, sunny days, everybody happy, the trees and shrubs in full glory and lilacs to burn. Business keeps up remarkably well for this warm weather.

CARNATIONS

ROOTED CUTTINGS

and plants from pots ready to plant in the field.

Lady Bountiful —and— **The Belle**

The two largest and most prolific white carnations for 1904.

Mrs. Patten, Judge Hinsdale, The President, $12.00 per 100; $100.00 per 1000.

A very profitable novel set — Bizarre, Mauvina, Neptune, Aureola and **Senorita.** Bright shades, odd colors and very attractive, $10.00 per 100; $75.00 per 1000.

Harlowarden, $6.00 per 100; $50.00 per 1000. Pres. McKinley, Marshall Field, Mrs. Theodore Roosevelt and Gov. Lowndes, $5.00 per 100; $40.00 per 1000. **Fine stock.**

Good paying standard varieties:

Apollo, $3.00 per 100; $25.00 per 1000.
Gov. Roosevelt, $2.50 per 100; $20.00 per 1000.

F. Dorner & Sons Co.

LA FAYETTE, IND.

Mention The Review when you write.

WHY? **BECAUSE** we always prepare ahead and arrange to be there with the goods when others fail.

Order **Decoration Day** Stock NOW of....

KENNICOTT BROS. CO.,

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

The Washington Florists' Club was reorganized and had a rousing meeting last Wednesday evening. William F. Gude was elected president and F. H. Kramer vice-president. Everything looks rosy for the club's future. The committee which had the Philadelphia and Baltimore bowling teams in charge showed the visitors Washington in a sight-seeing automobile and then a sham battle on the monument grounds. This caused the Baltimore boys to go to pieces. Seybold had to be carried off the field. The writer has lost the score, but what's the difference? Philadelphia did the same old thing. After the game the boys told us what a good time they had and how glad they all were to be with us. Mr. Kramer was thanked by all and given a rising vote for his generosity in presenting the cup, as that was the means of bringing all together. After making a blushing, he replied in a very neat speech in Spanish. Mr. Clark, of Clark Bros., sang a Mexican ballad and Geo. Cook sang "Home, Sweet Home" in German. Toastmaster Wm. F. Gude made a popular speech on "Where is the proper place to pin flowers on a lady?" a subject which will be taken up at the club's next meeting. After all had had a say we clasped hands and sang "Auld Lang Syne."

RAMBLER.

PONTIAC, ILL.—Mr. and Mrs. Orlin Miller have a little son, born May 5.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$6.00	$50.00
La France	4.00	35.00
Sunrise	5.00	40.00
Am. Beauty	6.00	50.00
Kaiserin	3.00	25.00
Liberty	5.00	40.00
Bride	3.00	25.00
Maid	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00

2-YEAR-OLD PLANTS

From Benches

	Per 100	1000
American Beauty	$6.00	$50.00
Maid	3.00	25.00
Bride	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00
Kaiserin	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

SPENCER, IA.—Dr. W. P. Woodcock is proprietor of the Spencer Greenhouse. He began with a conservatory for private use, but as there is no florist in the county he found so strong a demand for flowers that he was compelled to build a house for carnations. He says that another addition would be necessary to supply the call, but he does not care to develop the business.

NEW COMMON FERNS

$2.00 per thousand. All Cut Flowers and Greens very cheap. Large stocks and careful handling, with no charge for packing boxes for any of our goods.

SEE THIS LIST OF PLANT BARGAINS.

CARNATION PLANTS

READY FOR FIELD PLANTING

These Plants are now all in soil and are Extra Large Plants, Ready for Field Planting.

		Per 100	Per 1000
12,000	Gov. Wolcott,	$3.50	$30.00
3,000	Lillian Pond,	3.50	30.00
5,000	Prosperity,	2.50	20.00
1,000	Lorna,	$2.50	$20.00
1,200	Gold Nugget,	2.50	20.00
2,000	Maceo,	2.50	20.00

GRAFTED ROSES READY NOW.

We have grafted 100,000 Rose Plants on Manetti, all from choice flowering wood. This is the best stock we are able to produce and sure to give satisfaction. If your rose stock is running down give grafted plants a trial. Ready for immediate shipment.

BRIDESMAIDS, $12.00 per 100 | LIBERTIES, - $15.00 per 100

CHATENAY ROSE PLANTS, 2½-inch, $6.00 per 100; $50.00 per 1000.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Here Is What You Want!

Geraniums—Leading var., mixed 2 and 3-inch stock	Per 100 $2.25 and	$5.00
Salleroi Geranium—2-inch		2.00
Petunias—Fine plants 2½-inch		2.50
Ivy Geranium—Choice varieties, mixed 2 and 3-inch pots	$2.00 and	4.00
English Ivy—3½-inch		3.50
Feverfew—2½-inch		2.25
Coleus Verschaffeltii—Golden Bedder and 10 other varieties, 2-inch		2.00
Vinca Variegata—4-in. pots, extra heavy		10.00
Boston Ferns—2½-in pots		4.00
Pansies—In bloom, but not forced, very stocky	$8.00 per 1000,	1.00
Alysaum—2-inch		2.00
Lobelia—2 and 2½-inch fine plants from cuttings		2.25
Pyrethrum—2½-inch		2.25
Puchaias—3-inch, a good mixture		4.00
Verbenas—2½-inch mixed		2.25
Centaureas—2½-inch		2.25

Cash please.

Converse Greenhouses, - Webster, Mass.

500,000 Pansies

Pansies that give satisfaction wherever used.

$10.00, $15.00 and $20.00 per 1000, according to size.

I. E. COBURN, Everett, Mass.

Mention the Review when you write.

JOHN SCOTT,

Keep St. Greenhouses, Brooklyn, N. Y.

Headquarters ....for Bostons

Fine "PIERSONI" in 2¼-inch pots.

The Cottage Gardens' Collection of Cannas Grand stock. Send for particulars.

50,000 ALTERNANTHERAS

Red and Yellow. Rooted Cuttings, 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

Latania Borbonica—

We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz.; $12.00 per 100; 4-inch strong, 3 plants in pot, $2.00 per doz.; $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz.; $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Rose Plants

FROM 2-INCH POTS.

BRIDES, MAIDS, GOLDEN GATES, $3.00 per 100.

S. D. BRANT, CLAY CENTRE, KAN.

Mention The Review when you write.

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50 per 100;	$35.00 per 1000	
Brides	5.00 "	40.00 "	
Bridesmaids	5.00 "	40.00 "	
Mme. Chatenay	6.00 "	55.00 "	

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Mention The Review when you write.

PITTSBURG.

The Market.

A week of very seasonable weather has brought in quantities of all kinds of flowers. The wholesalers are loaded down with stock and the usual cleaning up is now a thing of the past. Roses and carnations are a glut and can be had at one's own price. Lilies remain very plentiful and living prices on these flowers are not to be had. Very fine sweet peas, in lavender, pink and white, are arriving in quantities. The demand for medium and short Beauties is heavy. Outdoor tulips and narcissi are arriving and are sold at low prices. Asparagus bunches and strings and smilax are again in heavier supply and prices are nearly normal. New ferns from the south are being received, which are offered at $2 per 1000.

Various Notes.

Mrs. E. A. Williams contemplates erecting several greenhouses at her Knoxville plant.

Jarvis Smith, of A. W. Smith's, is shipping the city store quantities of very choice bulbous stock from his Canfield, O., farm.

B. L. Elliott is cutting heavy on a crop of smilax which is netting him a handsome price.

H. L. Blind & Bros. have a fine lot of hydrangeas just coming on for Decoration day. They have exceptionally good bedding stock this season.

F. Breitenbaugh & Bro. report heavy sales on their Little Beauty fuchsia and other bedding stock.

Theo. F. Beckert is sending the Pittsburg Cut Flower Co. many new and pretty novelties in cut flowers. A small red cape flower is one of his latest productions.

Very choice giant snapdragon and Kaiserin roses are being offered by the same wholesale house.

Fred Reigelmeyer, of A. W. Smith's, is to be congratulated upon the arrival of a little son. The stork also visited the home of Frank Faulk, and left a boy; once again we smoke perfectos on Frank. Hoo-Hoo.

POTTSVILLE, PA.—The wagon of W. G. Payne was demolished May 2 by being struck by a runaway team.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 1229 Balmoral Ave., CHICAGO.

Asparagus...

Plumosus Nanus true seed, per 100, $1.00; per 1000, $4.50.
Plumosus Nanus seedlings, per 100, $1.75.
Plants ready July 1, $2.50 per 100.
CASH OR C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

ORCHIDS.

Arrived in perfect condition: Cattleya Mossiae, C. Labiata, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum and many more. Write for prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

American Beauties.

FINE STOCK, from 2½-inch pots, $5.00 per 100.
CUT ROSES of AMERICAN BEAUTY and all kinds of **TEA ROSES** at lowest prices.
Trial orders solicited.

HELLER BROS. (SOUTH PARK FLORAL CO.) **New Castle, Ind.**

Mention The Review when you write.

ROSE PLANTS Strong Stock from 2½-inch pots.

	Per 100	1000
UNCLE JOHN	$20.00	$150.00
Mme. Chatenay	6.00	50.00
Sunrise	5.00	40.00
AMERICAN BEAUTY	6.00	50.00
Liberty	$5.00	$40.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Golden Gate	3.00	25.00

ROSE STOCK PLANTS

	Per 100	1000
AMERICAN BEAUTY (two years old)	$8.00	$70.00
Liberty (two years old)	8.00	70.00
Sunrise (two years old)	$8.00	$70.00
Golden Gate " "	7.00	60.00

We have all the Standard Varieties of Carnations and we are also booking orders for the two great PRIZE WINNERS, **Fiancee** and **Cardinal,** for next season.
Write us for price list on other varieties and special discounts on large lots.

The BENTHEY-COATSWORTH CO.
35 Randolph Street, CHICAGO.

Mention The Review when you write.

Mme. Chatenay

A superb pink rose, freer and stronger than Bridesmaid, easy to grow and an ideal shipper. Will cut 40 per cent. selects. See Chicago Cut Flower Quotations. Chatenay is selling for more than any other tea rose. Supply limited. Cash with orders. Fine, healthy stock, $6 00 per 100; $50.00 per 1000. Ready now.

EMIL GLAUBER, Montclair, Colo.

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Always mention the Florists' Review when writing advertisers.

Every Grower of Roses should

Plant La Detroit

FOR A TRIAL.

We guarantee no regrets. Nice plants for immediate shipment, own roots and grafted stock.

JOHN BREITMEYER'S SONS,

Gratiot and Miami Avenues. DETROIT, MICH.

Mention The Review when you write.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A. Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two daps. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

Carnations

Well established strong plants from soil: 500 Joost; 500 Wm. Scott; 500 Flora Hill; 500 Mrs. Fisher; 500 Queen Louise; 1,000 Estelle, Crocker and 200 Harlowarden.

$2.00 per 100; $15.00 per 1000.

Chrysanthemum plants from soil; all the best standard varieties.

$1.50 per 100.

C. EISELE,

11th and Jefferson Sts., PHILA.

Mention The Review when you write.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft..... 20.00 "

1000 Coreopsis, strong clumps	4.00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani	2.50	"
Roseum	3.00	"

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.

Box 100.

Mention The Review when you write.

Rooted Carnation Cuttings.

PINK.	100	1000
Mrs. Lawson	$1.75	$15.00
Guardian Angel	1.25	10.00
Mrs. Joost	1.25	10.00
WHITE.		
Flora Hill	$1.25	$10.00
White Cloud	1.25	10.00
Queen Louise	1.25	12.00

RED.	100	1000
G. H. Crane	$2.00	$18.00
America	2.00	18.00
Mrs. Palmer	2.00	18.00
LIGHT PINK.		
Higinbotham	2.00	18.00
VARIEGATED.		
Prosperity	2.00	18.00

ROSE PLANTS, 2-inch Pots.

Liberty	$5.00 per 100;	$45.00 per 1000	Brides	$3.00 per 100;	$25.00 per 1000
Am. Beauty	5.00 "	45.00 "	Perle	3.00 "	25.00 "
Bridesmaids	3.00 "	25.00 "	Golden Gate	3.00 "	25.00 "

Ivory ..... $3.00 per 100; $25.00 per 1000.

ROSE PLANTS, 3-inch Pots.

Perle ..... $4.00 per 100 $35.00 per 1000 Bride ..... $4.00 per 100 $35.00 per 1000
Bridesmaid ..... $4.00 per 100 $35.00 per 1000

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSES FOR FORCING.

Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100	Per 100		Per 100	Per 100
American Beauties	2½-in., $5.00	3-in., $8.00	Brides	2½-in., $3.00	3-in., $5.00
Perles	2½-in., 3.00	3-in., 6.00	Golden Gates	2½-in., 3.00	3-in., 5.00
Meteors		6.00	Ivory	2½-in., 3.00	3-in., 5.00
Maids, extra fine	2½-in., 3.00		Special price on 1000.		

BOSTON FERNS. 2½-in., $3 50 per 100; 3-in , $8.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes. Vinca variegata, 2½-in., $3.00 per 100.

W. H. GULLETT & SONS ..... LINCOLN, ILL.

Mention The Review when you write.

Am. Beauties

PLANTS FROM 2-INCH

Clean, healthy, first-class in every respect: $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

YOUNG ROSE STOCK

	Per 100	Per 100		Per 100	Per 100
BRIDES	2-in. $2.50	2½-in. $3.50	PERLES	2-in. $3.00	2½-in. $4.00
BRIDESMAIDS,	2-in. 2.50	2½-in. 3.50	KAISERIN	2-in. 3.00	2½-in. 4.00
IVORY	2-in. 2.50	2½-in. 3.50	SOUPERT and HERMOSA,		2½-in. 2.50

JAMES C. MURRAY, - - - PEORIA, ILL.

Mention The Review when you write.

ASPECT.

I would like to ask if it would be advisable to build such a house as is recommended by Peter Fisher or Wm. Sim in a place where the west wind has full sweep, having the houses stand as they recommend, or would it be better to build so the houses will run east and west, with the boiler shed on the west end? What style of house would be best for this location? What is the best size and arrangement of pipes in such a house where the thermometer goes to 15 to 20 degrees below zero? X.

Under the circumstances it would be all right to have the house running east and west, with the boiler shed on the west end. The correspondent does not say what he intends to use the house for, or what temperature he wishes to maintain, neither does he state whether he intends to use hot water or steam, so that it is hard to give the size and arrangement of pipes. Personally I prefer hot water but some give preference to steam and for some crops the latter may be better, only it requires closer attention, and a night attendant must be kept, which incurs an extra expense that is only warranted where the range is large. For a house 33x300 feet, which I presume is the one meant, thirty lines of 2½-inch pipes would, under average circumstances, be necessary with hot water to maintain a temperature of 60 degrees during severe weather. These would be best arranged in coils of six, making three flows and three returns in each coil, and for a house of that length should be connected to the boiler with pipes not less than six inches for flow and return, or two 4-inch pipes could be used for flow and same for return. W. S. C.

OMAHA.

Spring has been very late, but has at last opened and prospects are very good. Cut flower trade is fair, with supply about equal to demand and quality up to the top notch.

A local department store had a "grand sale" on the remnants of W. J. Hesser's palm gardens. In quantity it comprised several carloads. J. H. B.

If YOU DON'T WANT TO GET LEFT at the last minute place your order with the oldest commission house in the west. We will have the stock to take care of all **for Decoration Day.**

Kennicott Bros. Co.

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

Boston Ferns. Prices—2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

PIERSONI FERNS. 2½-in., $8.00 per 100; 4-in., 35c; 5-in., 50c each.

ALTERNANTHERAS, Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

BOSTON and PIERSONI FERNS. ASPARAGUS PLUMOSUS and SPRENGERI. We are largest growers in the West. Over 20,000 in stock. All sizes, 2½-inch to 10-inch. Write us.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Princess of Wales

THE MOST VALUABLE VIOLET TO GROW.

WHILE DOUBLE VIOLETS have been "dumped" in the leading cities, good singles have been bringing good returns to the grower. The popularity of this Violet is astonishing. I have sold in the city of Boston this winter 1 300,000 blooms without having to make any sacrifice. You can do the same if you have good stock. You cannot afford to have poor stock. I have simply the best stock in the country. I will send out in May strong, transplanted stock for which I am now booking orders at

$2.00 per 100; $15.00 per 1000; 500 at 1000 rate.

WILLIAM SIM, Cliftondale, Mass.

LARGEST GROWER OF VIOLETS IN AMERICA.

Mention The Review when you write.

Geraniums

	Per 100.
10 varieties, 2-in. pots, $2.50; 2½-in.	$3.00
10 varieties, 3-in. pots	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias, May 1	3.00
100 Pelargoniums, 2-in.	3.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.

COLEUS

	Per 100.
10 varieties	$2.00
Vicos Variegata Vines, 2-in.	2.50
50 Boston Ferns, 5-inch pots, each, 25c.	
Cannas, 8 varieties, 4-in. pots	5.00
Asparagus Spreageri	2.00

J. H. Cunningham, Delaware, O.

Mention The Review when you write.

THE BEST GRADE OF ROOTED CUTTINGS.

COLEUS--Rooted Cuttings and Plants.

	Per 100	1000
Marguerites—white and yellow	$1.00	$3.00
Salvias—Splendens and Bonfire	1.00	$9.00
Heliotropes—light and dark	1.00	
Alternantheras—yellow	.50	4.50
Moonflowers—best early (not seedlings)	2.00	
Coleus—best sorts in variety	.60	5.00
Coleus—Verschaffeltii, Golden Bedder and Firebrand	.75	6.00
Lobelia—fancy blue	.50	
Chrysanthemums—rooted cuttings, fine, healthy stock of Estelle, Robinson, Glory of the Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Chadwick, Golden Wedding, Mrs. Murdock, Lavender Queen, Silver Wedding	1.50	12.00

	Per 100
Asparagus Sprengeri—4-in. pots	$6.00
" " 5-in. pots	8.00
Chrysanthemums—best sorts, 2½-in. pots	2.00
Geraniums—3-in., white, scarlet and pink	5.00
Hardy Sweet Peas—white and pink, 2½-in. pots	1.50

Well packed, ready to deliver. Satisfaction guaranteed. Cash with order please. No orders for less than $1.00.

"CRITCHEL'S," Avondale, Cincinnati, Ohio.

Mention The Review when you write.

Princess of Wales Violet

ROOTED CUTTINGS.

$8.00 per 1000; Cash or C.O.D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

VIOLETS.

Fine stock. Princess of Wales, $2.00 per 100; $15.00 per 1000.

Transplanted stock after May 10.

JOHN CURWEN, GLEN HEAD, L. I., N. Y.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

A Prosperous Florist is Never Idle

A glimpse into my houses will prove this; even enemies must admit that an unusual amount of work has been done to fill an establishment of so many houses which were emptied at Easter, with such an enormous stock of 150 000 choice bedding plants, an increase of 50 000 from last year, ready now for immediate shipment. Secure bargains for now and Decoration Day.

Geraniums—Le Pilot (double scarlet), Mme. Thibaut (double pink), La Favorite (double white), S. A. Nutt (double crimson), out of 4-inch pots, at $7.00 per 100.

Ageratums—(Blue), 4-inch pots, $6.00 per 100; 3-inch pots, $5.00 per 100.

Scarlet Sage—Best varieties only, 4-inch pots, $7.00 per 100; 3-inch pots, $5.00 per 100.

Begonia—Vernon and Erfordii, 4-inch pots, $7.00 per 100.

Heliotropes—(Blue), 4-inch pots, $6.00 per 100.

Hermosa and Hybrid Roses—4-inch pots, $10.00 per 100.

Hardy or English Ivies—4-inch pots, $10.00 per 100; 3-inch, $7.00 per 100; 2½-inch, $5.00 per 100.

Periwinkle—(Vinca Variegata), very strong, 4-inch pots, $8.00 per 100.

Cobaea Scandens—4-inch, strong, $6.00 per 100.

Begonia—Tuberous rooted, 5½-inch pots, in bloom and bud, $2.50 per doz.

Pres. Carnot and other mixed varieties, very strong, 5½-inch pots, $2.00 per doz.

Fuchsias—5-inch pots, $1.50 per doz.

Daisies—Yellow and White, 5-inch pots, $2.00 per doz.

Honeysuckle—6-inch pots, $2.00 per doz.

Dracaena Indivisa and Latanias—6-7-inch pots, 50c each.

Hydrangea Otaksa—For out-door planting, 6-inch pots, $3.00 per doz.

Small plants, out of 2½-inch pots, $3.00 per doz.: Petunia (California Giant) and Inimitable Dwarf, Phlox Drummondii Gigantum, Nasturtium (Empress of India). 3-inch pots: Verbeneas, Sweet Alyssum (Little Gem), Lobelias, Cupheas, Tradescantia, Pyrethrum (Golden Feather), Alternantheras (red and yellow), Dusty Miller, Parlor Ivy and Coleus Verschaffeltii, Golden Bedder and Firebrand.

Don't forget that I am the Moonvine grower of the land; only A. W. Smith's Hybrid Moonvines (Ipomæa Noctiflora) is exclusively the one I grow, and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no Morning Glory, like so many sell for Moonvines, but the pure, white, waxy Moonflowers, as large as saucers, 3-inch pots, $7.00 per 100; 4-inch $10.00 per 100, nicely staked up.

☞ Watch "ad." for **Araucarias, Palms** and **Ficus** in about three weeks. Please send cash with orders. All goods travel at purchaser's risk. My best thanks to my customers for their liberal patronage at Easter.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants.

Mention The Review when you write.

Our supply for holidays is always the largest west of New York. **Order Decoration Day Stock now.**

KENNICOTT BROS. CO.,

40-44 Randolph Street, CHICAGO.

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Always mention the Florists' Review when writing advertisers.

Good, Clean, Seasonable Stock
AT CHEAP PRICES.

Alyssum, Little Gem, from 2-in. pots, $2 00 per 100
Ageratum, White Cap, " 2½-in. " 2.00 "
Achillea, The Pearl, " 2½-in. " 2.00 "
$18.00 per 1000.
Asparagus Sprengeri, 4-inch, $7 00 per 100.
Asparagus Plumosus Nanus, 2½-in., $3 00 per 100; $25 00 per 1000. 4-in., $8.00 per 100.
Abutilon, Souv. de Bonn and Eclipse, 2½-in., $2 00 per 100. Coleus, 15 fine sorts, 2-in., $2 00 per 100; $17.00 per 1000. Cannas, Austria, Pennsylvania, Black Prince, Chas. Henderson and Chicago, large, strong plants, from 2½-inch pots, $3.00 per 100.
Chrysanthemums, assorted, $2.00 per 100; $18 00 per 1000. Daisy, white and yellow, 2½-inch pots, $2.50 per 100; $20.00 per 1000.
Geraniums, scented, 2½-in., $2 50 per 100.
Heliotrope, Florence Nightingale, $2.50 per 100.
Hydrangea, Monstrosa, 2½-in., $4.00 per 100; $30.00 per 1000. Honeysuckles, Golden Leaved, Halliana and Chinese Evergreen, $2.00 per 100.
German (Parlor) Ivy, 2-inch, $2.00 per 100.
Lantanas, assorted, 2-inch, $2.00 per 100.
Rudbeckia (Golden Glow), 2½-inch, $2.00 per 100.
Salvia Splendens, 2½-inch, $2.50 per 100.
Violets, Princess of Wales, California Luxonne, Swanley White and Lady Hume Campbell, nice, clean stock from 2½ inch pots, $2.00 per 100; $18 00 per 1000.
Vinca Variegated, 2½-inch, $2.00 per 100; $18.00 per 1000.
Verbenas, white, pink, scarlet, purple and mixed, 2½-inch, $2 00 per 100.
Good, strong stock from 2½-inch pots of the following named Roses:—Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Gloire de Polyantha, Mignonette, $2.50 per 100; $20.00 per 1000.
Ball of Snow, 2-year-old plants from 4-inch pots, $8.00 per 100.

The Springfield Floral Co., Springfield, Ohio

Mention The Review when you write.

Grafted Roses!

LIBERTY, BRIDESMAID, BRIDE and GOLDEN GATE

Only the very best English Manetti used, and plants are strong and vigorous, with abundant roots, ready now to ship or re-pot into 3½-in. pots.

Beauties on Own Roots.

ROBERT SIMPSON, Clifton, N. J.

Mention The Review when you write.

ROSES

We grow over 100,000 annually for the trade of the following varieties:

No.	Variety.	R. C.	2x2½ in.	2½x3 in.	3x3 in.
1	Meteors	$1.50	$2.50	$3 50	$5 00
2	Brides	1.50	2 50	3 50	5 00
3	Maids	1.50	2 50	3.50	5 00
4	Ivory	1.50	2.50	3.50	5.00
5	Golden Gate	1 50	2.50	3.50	5.00
6	Perles	2 00	3.00	4 00	6.00
7	La France	2 00	3.00	4.00	6.00
8	Kaiserin	2 00	3.00	4.00	6.00
9	Wootton's	2.00	3.00	4.00	6.00
10	Belle Siebrecht	2 00	3.00	4 00	6.00
11	President Carnot	2 00	3 00	4.00	6.00
12	American Beauties	3.00	6.00	8.00	10.00
13	Liberty	5.00	6.00	8.00	10.00

Write—**GEO. A. KUHL, PEKIN, ILL.**

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Cryptomeria Japonica (JAPAN CEDAR.)

The Novelty Decorative Pine, takes the place of the high-priced Araucaria Excelsa, strong stock from 2-in. pots, at $5.00 per 100, or a sample of 20 for $1.00. **Double Fringed Petunias,** 2-inch, $2.00 per 100. Fine assorted **Dracaena Indivisa,** 2-inch, strong, $2.25 per 100

E. I. RAWLINGS, WHOLESALE FLORIST, **QUAKERTOWN, PA.**

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CARNATIONS, 2½-inch, extra fine stock.

Gov. Wolcott Lillian Pond, Apollo, Harlowarden, $4.00 per 100.
Prosperity, Roosevelt, Lorna, Higinbotham, Lawson, Mary Wood, White Cloud, Palmer, $3.00 per 100. Flora Hill, Joost, $2.50 per 100.

ROSES.

Maids, Brides, Gates.....$30.00 per 1000; $3.50 per 100.
Strictly No. 1 Stock.

CHRYSANTHEMUMS.

Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2 00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	R. C. Per 100	2½-in. Per 100
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1 50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2 50
Richardson	1.50	2 50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C.....$25.00 per 100

Two-year-old rose bushes from benches, Beauties, Maids, Brides. Prices on application.
Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**
Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,

MORTON GROVE, COOK CO., ILL.

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H. P. ROSES

Fine 2-year, field-grown plants, Gen. Jacqueminot, La France, etc., leading sorts, 12c; Crimson Rambler, 2-year, strong, 12c; C. Rambler, XXX, 20c. Large flowered Clematis, best purple, white, lavender and red sorts, 2-year, 18c; 1-year, strong, 9c. C. Paniculata, 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 6c. Golden Glow, strong roots, 5c. Perennial Phlox, best sorts, 10c. Pæonias, 12c. Hydrangea Pan. Grand., fine bushy plants, 8c; tree-shaped specimens, 25c. Other fine 2-year shrubs, Deutzias, Spiræas, Weigelias, Snowball, Honeysuckle, etc. 10c. Packing light as consistent with safety and free for cash with the order. Fruit and ornamental trees, etc. Prices on application.

W. H. SALTER, Rochester, N. Y.

JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 943, March 24th issue, for prices.

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Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

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FEVERFEW LITTLE GEM

R. C., $1 per 100. Fine, strong **PANSY PLANTS** in bud and bloom, $2 per 100.
CASH WITH ORDER.

H. STAHLHUT, N. E. Cor. New Lots Road and Shepherd Ave., **BROOKLYN, N.Y.**

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PEONIES

from our farm. Special for **Decoration Day.**

All Peonies guaranteed. **Kennicott Bros. Co.**

40-44 Randolph Street, CHICAGO.

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Bay Trees, PALMS,

DECORATIVE PLANTS, ORCHIDS, all sizes.

Apply to

Julius Roehrs,

EXOTIC NURSERIES,

RUTHERFORD, N. J.

Mention The Review when you write.

Rooted Carnation Cuttings.

Grown Cool. Clean and Healthy Stock.

	Per 100	1000
Queen Louise	$2 00	$15.00
Lillian Pond	5 00	10.00
Flora Hill	2.00	15.00
Mrs. T. Lawson	2.50	20.00
Mrs. Joost	2.00	15 00
Genev'e Lord	$2.00	$15.00
Mrs. Bradt	3.00	25.00
White Bradt	6.00	50.00
MacRichmond	1 50	12.00
Estelle	3.00	

I. H. MOSS, Govanstown, **BALTIMORE, Md.**

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50,000 CARNATIONS FROM SOIL.

Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc. Let us figure on your wants.

Violet Stock—Write for prices. **Geraniums**—In flower, 4-in. pots, $6.00 per 100 without; $7.00 with. Also Kaiserin and La France roses for summer blooming.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Coleus

Verschaffeltii
Golden Bedder
Firebrand

2½-inch pots....$2.50 per 100; $20.00 per 1000.
Rooted Cuttings, 75c " 6.00 "

J. L. DILLON, Bloomsburg, Pa.

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HEATING.

How much 1-inch pipe will be necessary for a carnation house 17x170 feet? There will be a 2½-inch riser to the far end. Steam heat.

What temperature is best for Crane and Queen Louise?

How much fall must I have for each 100 feet of gutters? How much for 100 feet of steam pipe?

About how many gallons of water will be condensed in the pipes of the above house in twenty-four hours of zero weather. J. M. K.

At least twelve runs, or 2,040 feet, of 1-inch pipe should be provided for this house. If it were mine, should prefer to use larger pipes on so long a run, 1¼-inch at least, in which case ten runs of pipe will be ample.

We have had good success with Crane in house run 48 degrees at night and about 65 degrees during the day.

A slope of four inches per 100 feet will be sufficient to carry off water from the gutters, but long gutters with this slope should be moderately deep. It is desirable to have at least eight inches' fall per 100 feet in the heating pipes and to see that they are carefully graded.

It is difficult to estimate the condensation from such a plant. Your system with 2,040 lineal feet of 1-inch pipe and 170 feet of 2½-inch pipe should, however, under normal conditions, condense about thirty-one gallons of water per hour. L. C. C.

TORONTO.

The Market.

Last week the weather has been exceptionally fine and we have been plunged from the cold and dreary into balmy summer atmosphere. The consequence is that stuff has been rushed in, completely overwhelming the demand. Especially has this been noticeable in roses. Carnations are overplentiful in color, while most of the white seem to find ready sale. Noticeable among the stock that has been coming into the Toronto market has been the Beauties from J. Gammage & Sons, of London, which have been of exceptionally fine run, stems four feet and very perfect foliage and bloom. D. J.

Those who have not had dealings with us should order their Holiday Stock from us for that is the time to test our ability to fill orders. **KENNICOTT BROS. CO.**

40-44 Randolph Street, - - CHICAGO.

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MISCELLANEOUS STOCK

GERANIUMS in red, white, pink, salmon, Mme. Salleroi, rose. **Cannas. Alternantheras,** red and yellow. **Coleus.**

Fuchsias, Begonias — Flowering and Rex, Sweet Alyssum, Feverfew, Cuphea, Lantanas, Cobaea Scandens, Ageratum, Pansies, Verbenas, Salvia, Vincas, Lilies nearly all summer. Small Ferns for Fern Dishes. Write—

GEO. A. KUHL, PEKIN, ILL.

VEGETABLE PLANTS.

CABBAGE plants, 50c per 100; $4.00 per 1000.

TOMATO plants, 50c per 100; $4.00 per 1000.

EGG plants, **PEPPER** plants and **PANSY** plants. Write for list.

C. O. WILLIAMS, 99 Water St., **Batavia, Ill.**

Chrysanthemum

ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Vivland-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2.00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalakov	1.50

GERANIUMS Good Stocky 4-in. Plants at $3.00 per 100, such as **A. RICARD, S. A. NUTT, HILL, JEAN VIUND,** etc., about fifteen varieties. Also other Bedding Stock. Newer varieties on application.

CASH OR C. O. D.

W. J. & M. S. VESEY,

FORT WAYNE, IND.

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CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35 00
S. T. Wright magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00
	100		100
Convention Hall	$8 00	Alice Byron	$8.00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $5.00 per 100. Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

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NEW PINK CHRYSANTHEMUM

AMERICAN BEAUTY—Certificate C.S.A.

Originated in this country three years ago. It has shown to possess all the qualities required of a first-class commercial Chrysanthemum. Clean, healthy growth, 3½ to 4 feet high, good stem and foliage, every flower coming good under ordinary culture. Form of flower ideal, being closely incurved and high built. Keeping and shipping qualities excellent; color a beautiful dark pink, uniform in every flower. Flowering time November 20th and later. Price 50c each, $5.00 per dozen, $30.00 per hundred. For other varieties ask for list. Cash with order.

G. F. NEIPP, Aqueduct, L. I., N.Y.

Jamaica Post Office, Woodhaven Station.

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CHRYSANTHEMUMS

ROOTED CUTTINGS

—READY NOW—

	Per 100		Per 100
Mrs. Jerome Jones	$1.25	Sunshine	$1 50
Opah	1 25	Col. Appleton	1.50
Polly Rose	1.25	Maud Dean	2.00
Robt. Halliday	1.25	J. K. Shaw	2.00
Yellow Jones	1 50	Iolanthe	2.00
E. D. Smith	1.50	Queen	2 00
Vivland-Morel	1 50	Mayflower	2.00
H. A. Parr	1.50	R. H. Pearson	2.00

BELL MILLER, Springfield, Ill.

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Chrysanthemums

Bonnaffon, M. Dean, Ivory, Mrs. Weeks, rooted cuttings, $1.75 per 100; 2¼-inch pots, $2.25 per 100. Fuchsias, 2½-inch pots, $2.00 per 100.

A. D. MONTGOMERY, Hazleton, Pa.

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Chrysanthemum Novelties for 1904.

The following list comprises the VERY BEST NOVELTIES for the season, which we are offering AT REDUCED PRICES.

Those interested should avail themselves of this offer without delay.

50c each, $5.00 per dozen:

Mildred Ware, Mrs F. W. Vallis, S. T. Wright.

30c each, $3.00 per dozen:

Mrs. Nathan Smith,	Helen Frick,
Sunburst,	Golden Age,
John Burton,	Rockford,
Mrs. H. W. Buckbee,	Wm. Duckham.
Ben Wells,	Donald McLeod,
Dr. Enguehard,	F. A. Cobbold,
Harrison Dick,	Gen. Hutton,
Mme. Jh. Perraud,	Maynell,

W. A. Etherington.

We can make attractive prices on the best Novelties of 1903 and standard varieties. Send us a list of your wants.

NATHAN SMITH & SON,

ADRIAN, MICH.

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CHRYSANTHEMUM CUTTINGS!

2¼-inch pots.

Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100.

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

C. W. BLATCHLEY, Plantsville, Conn.

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Mums All the good kinds, true to name, at $2.25 per 100; $20.00 per 1000, from 2¼-inch pots. 300 plants, our selection, for $5.00 cash. Rooted cuttings at $1.25 per 100; $10 00 per 1000. Liberal count. Write us in regards to any kind, we may have them for you.

COOLIDGE BROS., P. O, So. Sudbury, Mass.

Greenhouses at East Sudbury Station.

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W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

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WHITE MAUD DEAN

A most valuable variety; stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz.

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

S. S. SKIDELSKY,

708 N. 16th St., Philadelphia, Pa.

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HEADQUARTERS FOR

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : :

	Per doz.	Per 100
Alternanthera, 5 varieties, $2.00 per 100; $17.50 per 1000.		
Alyssum, Giant and Dwarf Double...	40c	$2.00
Abutilon, in variety	40c	2.00
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var.		3.00
Small flowering or Button var.		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, 15 varieties....per 1000, $15.00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	2.00
Hardy English Ivy, rooted cuttings.. ..		.75
Holt's Mammoth Sage, per 1000, $15 00,	40c	$2.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50

GERANIUMS...

$2.00 per 100; $20 00 per 1000 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss Frances Perkins, Miss Kendall' Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

All good, strong plants.

	Per doz.	Per 100
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR.	50c	3.00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3 50
Parlor Ivy	40c	2.00
Salvia, Bonfire, Silverspot and Splendens, per 1000, $15.00		2.00
Sedum, variegated	40c	2.00
Smilax per 1000, $15.00,		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Albs	40c	2.00
" **Roses**	40c	2.00
Tradescantia, dark variegated	40c	2 00
Tritoma Pilizeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Surplus Stock

SPECIAL PRICES AS LONG AS SURPLUS LASTS.

All A-1 stock, from 2¼-inch pots, $15.00 per 1000. Not less than 250 of any one variety will be sent, and no order for less than 500 will be filled at this price.

GERANIUMS—Our selection of four varieties, 1000 for $15 00.

COLEUS—Crimson Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand, Beckwith Gem, Eldorado, Lord Palmerston, Mrs. Hunt, Mrs. Hayes, Sieboldi, and Fire Crest.

HARDY ENGLISH IVY, large and small-leaved varieties.

VEGETABLE PLANTS.

Cabbage—Wakefield, Succession and Second Early, $1.00 per 1000. **Parsley**—Moss curled, 25c per 100; $1.25 per 1000. **Celery,** White Plume and Golden Self-blanching, 25c per 100; $1.00 per 1000. **Tomatoes**—In forcing varieties, 40c per 100; $2.00 per 1000. Such varieties as Stone, Paragon and Favorite, 25c per 100; $1.00 per 1000. **Peppers**—Bull Nose, Ruby King and Sweet Mountain, 40c per 100; $2 00 per 1000.

Cash must accompany the order.

R. VINCENT, Jr. & SON, White Marsh, Md.

BEDDING PLANTS

	Per 100
GERANIUMS—S. A. Nutt, Rev. Atkinson, E. G. Hill, J. J. Harrison, Frances Perkins, Pres. L. Simon, Gen. Grant, B. Poitevine, Gloire de France, J. Viaud, Souv. de Mirande, Double White, 3-in.,	$4 00
4-in	7.00
Mme. Salleirol, fine, 2½-in., strong	3 00
Oak Leaved Geraniums, 4-in., fine	7 00
CANNAS—Chas. Henderson, Burbank, Crozy, Bouvier, F. Vaughan, Mlle. Berat, Chicago, Paul Marquaut Martha Washington, 4-in. pots	4 00
VINCAS—Variegated or green, 4-in.	10 00
SALVIAS—4-in	6.00
3-in	3.00
LOBELIA—Fine 2½-in	3 00
COLEUS—Assorted, 2-in	2.00
ALYSSUM—Fine 2½-in	3.00
DUSTY MILLER—2½-in	3.00
HYDRANGEA—In bud, 4-in	15.00
PANDANUS UTILIS—4 and 5-in	20.00
BOSTON FERNS—2-in	2 00
3-in	5.00
PALMS—Phoenix, 5-in	15 00
ADIANTUM CUNEATUM—Fine stock.	
3-in	5 00
5-in	10 00
6-in	15 00
Large clumps from bench	12.00

BATAVIA GREENHOUSES,

BATAVIA, - - ILLINOIS.

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All Flowers in Season order of

KENNICOTT BROS. CO.,

40-44 Randolph Street. - - CHICAGO.

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Dreer's Aquatic Plants

Hardy and Tender Water Lilies, Nelumbiums, Victorias, etc.

We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well known standard varieties, also the most desirable American and Foreign Novelties. We will gladly give practical advice to those who contemplate using these plants.

HENRY A. DREER, Philadelphia, Pa.

BOSTON AND ANNA FOSTER FERNS

Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus,** 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in, $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

100,000 Bedding Plants in Geraniums, Fuchsias, Lantanas, Coleus, Lemon Verbenas, Asters, Single and Double Petunias, Ageratums, Dracaenas, German Ivy, Vinca, Lobelia; Alternantheras, Red and Yellow, etc.

Prices on application.

L. H. Foster, 45 King St., Dorchester, Mass.

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PETUNIAS.

Double fringed; six distinct varieties from 2½-inch pots, labled, $2.00 per 100; $18.00 per 1000. CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

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ASPARAGUS SPRENGERI—Choice stock ready for shift, 3, 4, 5, 6 and 7-in. pots at $4.00, $8.00, $20.00, $35.00, $50.00 and $75.00 per 100.

ASPARAGUS PLUMOSUS—4-in. pots $10.00 per 100.

ROSES—Bushy large plants, 2½ and 3-in. pots, at $3.00 and $4.00 per 100.

GERANIUMS—A. H. Trego, best scarlet; R. C. large, $3.00 per 100; 2½ and 4-inch pots, $5.00 and $10 00 per 100; S. A. Nutt in bloom, large and bushy 4-inch pots $8.00 per 100; other leading varieties $6 00 per 100.

BOSTON FERNS—4, 5 and 6-in. pots at $15.00, $25.00 and $35.00 per 100.

VINCAS—4-inch, $8.00 per 100.

ENGLISH IVY—2½ and 3-inch pots, $3.00 and $4.00 per 100.

H. SORNHOEFT, - - TIPTON, IND.

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MAMMOTH VERBENAS.

stocky plants, 60c per 100; $4.50 per 1000. **ASPARAGUS PLUMOSUS,** from flats ready for potting, $2.00 per 100; $18.00 per 1000; 2-inch, $3.00 per 100. **Maidenhair Ferns,** 4-inch, $1 25 per doz. **Dracaena Indivisa,** 5-inch, $15.00 per 100. **Begonia Rex,** 4-in., $10.00 per 100. **Geraniums,** bushy plants in bud and bloom. S. A. Nutt, Ricard, Beaute Poitevine, J. Viaud and La Favorite 4-in., $6.00 per 100. **Roses,** Brides, Bridesmaids and Golden Gates, 2-inch, $2.50 per 100.

SAMUEL WHITTON, - - 15-17 Gray Ave., UTICA, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGAVES.

Agave, or century plant. A fine, large, solid green specimen, with over 20 leaves, some of which are over 3 ft. long and over 6 in. wide. Price, including tub, $10.00.
A few variegated plants with leaves 18 in. long, from 12-in. pots, $3.00 each. Good plants from 9-in. pots, $1.00 each. Can ship by freight.
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Century plants, A. recurva, 6 inches in diameter, $5.00 100; also larger sizes.
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Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
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Ageratums, blue, 4-in. pots, $6.00 100; 3-in., $5.00 100.
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Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratum White Cap, 2½-in. pots, $2.00 100.
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Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

Red alternantheras; bush plants, $3.00 per 1000; 2000, $5.00. Large bushy plants, several cuttings ready to take, $5.00 per 1000.
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50,000 alternantheras, red and yellow; rooted cuttings, 50c 100 or $4.00 1000; in lots of 50 0 or over, $3.50 1000. Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
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Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
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Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24-in., $1.00 doz., $6.00 100.
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Alyssum Little Gem, 2-in., fine plants in blossom, not less than 50 sold.
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Alyssum, Little Gem, 2½-inch, $2.00 100. Cash. Wm. J. Chinnick, Trenton, N. J.

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Alyssum Little Gem, 2-in. pots, $2.00 100.
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Alyssum, double giant, 2½-inch, $2.00 100.
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Alyssum, 2-in., $2.00 100. Cash, please.
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Alyssum, fine 2½-in., $3.00 100.
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AMPELOPSIS VEITCHII, field-grown; 2 yrs., first-class, $6.50 per 100, $60.00 per 1000, 2 yrs., selected medium size, $5.00 per 100, $45.00 per 1000.
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Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

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Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
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Antigonon leptopus, 300 fine plants in 3-inch pots, $1.00 doz., $6.00 100, cash. A good thing; rapid grower, pretty pink flowers; free bloomer.
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Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
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Araucaria excelsa or Norfolk Island pine, 3 to 4 tiers, 85c each, $9.00 doz.
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Asparagus plumosus nanus,	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
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5000 Asparagus plumosus, strong seedlings ready for pots, at $15.00 1000. 300 prepaid for $5.00 cash. Can use in exchange, palms, Pierson ferns or young roses. Write
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2000 Asparagus plumosa, 2¼-in. pots.....$3.00
500 Asparagus plumosa, 3-in. pots..... 6.00
3000 Asparagus Sprengeri, 3-in. pots..... 4.00
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Asparagus Sprengeri, $2.00 100. A. plumosus nanus seedlings, $1.75 100. Plants ready July 1, $2.50 per 100. Cash or C. O. D.
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Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
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Asparagus Sprengeri 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
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Asparagus plumosus nanus plants, ready for 3-in., $2.00 per 100; ready for 4-in., $2.50 per 100. Cash. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
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Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
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Asparagus plumosus and Sprengeri, all sizes from 2½-in. to 10-in. Write us.
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Sprengeri from flats, 75c per 100, $6.00 per 1000; 3-in., $4.00 per 100.
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Cut strings, 50 cents each.
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Aspidistra, green, $10.00 per 100 leaves. Cash with order, please.
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We make a specialty of growing asters for the trade. We offer the following, field-grown, ready to plant out: Queen of the Market, Comet and Semple's Branching, separate colors, white, shell pink, rose, lavender and purple, $3.00 per 1000; mixed colors, $2.50.
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Asters Semple's Branching—pink, white and lavender, separate colors; strong plants, 60c per 100, $5.00 per 1000. Cash.
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Azalea Chinese, 10 to 12-in. diameter, 50c each, $4.00 doz., $30.00 100.
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BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees, palms, decorative plants, orchids, all sizes. Apply to
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Just received, a consignment of single begonias, tuberous rooted. We can supply the following varieties of white, yellow, pink, orange, yellow and red, at $2.50 100. Write at once to the agent of Hubert & Co., N. Le Page, 46 S. 12th Ave., Mt. Vernon, N. Y.

Lorraine begonias, 2¼-in. pots, immediate delivery, $3.00 doz., $22.50 100, $200.00 1000; June and August delivery, $2.00 doz., $15.00 100, $140.00 1000.
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Rex begonias, Lord Palmerston, Robert George, Bertha McGregor, 50c per doz., $3.00 per 100.
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Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
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Tuberous rooted begonias.	Doz.	100.	1000.
Single—White, red, yellow, crimson, scarlet	30c	$2.00	$18.00
Double—White, red, yellow, crimson, scarlet	50c	3.75	35.00
Gladiolus—Floracroft prize mixture		1.25	10.00
Johnson & Stokes' special mixture		.90	6.00
Gloxinias, mixed, all colors	30c	2.00	18.00
Giant flowering, red, pink, blue, spotted, white	50c	3.25	30.00
Lilium speciosa rubrum, 8-9-in., (160 to case)	75c	5.50	.....
Spotted callas, fine bulbs	30c	1.75	15.00

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We are now prepared to quote LILIUM HARISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required.
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20,000 Dwarf Pearl tuberose bulbs, 4 to 6-in. in circumference, $4.00 per 1000. 30,000 extra fine No. 2 tuberose, 3 to 4-in., $1.50 per 1000. Cash with order. L. W. Boney, Wallace, N. C.

Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
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Zephyranthes, Milla, Crinum, Cooperia, Amaryllis, Resurrection plants, Cacti, Agaves. Write for prices.
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Cold storage Lilium Harrisii, 5x7, 400 in case, $7.00; 3 cases, $20.00. 6x7, 300 in case, $7.00; 3 cases, $20.00.
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Sound cacti in variety, $5.00 100 and upwards.
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Choice stock of the following varieties: Shenandoah, Alsace, Secretaire Chambanne, Chas. Henderson, Florence Vaughan, Mlle. Berat, President Cleveland, Austria, Duke of Marlborough, L. E. Bally, Burbank, Alemannia, Pani Marquant and Robusta from 3-in. pots, $3.50 per 100. Strong started plants from the bench, $2.50 per 100. Send for prices on other choice varieties.
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Cannas Austria, Alemannia, Alsace, Bouvier, Henderson, Duke of Marlborough, Egandale, F. Vaughan, Italia, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Q. Charlotte, Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
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Strong plants from field at bargain prices. Let us quote you prices on our surplus of 30,000 plants. We will make you prices lower than any other dealer can do. Will deliver express paid.
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Dormant cannas named, best, 2c; not named, $1.25 per 100; 10,000 potted for May and June, $5.00 per 100, $40.00 per 1000. Cash.
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The Express, 3-in. pot plants, $10.00 per 100. Crimson Bedder and Henderson, dormant, $1.00 per 100. W. W. Dedrick, Ashley, Ind.

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Cannas, common red leaf, tubers, $3.00 per 100. Terms cash, except approved credit.
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Autumn Glory,
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Black Hawk,
Chito,
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F. Torch,
G. F. Moseman,
G. Wedding,
G. Hair,
G. W. Childs,
H. L. Sunderbruch,
H. A. Parr,
Indiana,
J. K. Shaw,
Lady Hanham,
L'Amethyste,
Modesto,
Alice Byron,
Mrs. Robinson,
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Mrs. G. M. Pullman,
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Silver Wedding,
Snow Queen,
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Strong 2½-in. pot plants, $1.75 100. Rooted cuttings, $1.00 per 100. Have 100 other varieties not here mentioned at same prices.
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Rooted carnation cuttings. Strong, selected, well-rooted stock of the following varieties: Lady Bountiful, The Belle, Mrs. Patten, Judge Hinsdale, The President, $12.00 per 100; $100.00 per 1000.

A very profitable and novel set of bright shades, odd colors and very attractive—Bizarre, Mauvina, Neptune, Aureola and Senorita, at $10.00 100; $75.00 1000.

	100	1000		100	1000
Harlowarden	$6.00	$50	Apollo	$3.00	$25
McKinley	5.00	40	Gov. Lowndes	5.00	40
M. Field	5.00	40	G. Roosevelt	2.50	20
Mrs. Roosevelt	5.00	40			

F. Dorner & Sons Co., Lafayette, Ind.

Carnations from 2½-in. pots. 500 Lillian Pond, 1000 Boston Market at $5.00 per 100. 500 McKinley, 500 Mrs. Nelson, 1000 Estelle at $4.00 per 100.

1500 Marquis, 150 Gaiety, 750 Crane, 600 Cressbrook, 300 Higinbotham, 350 Floriana, 500 Morning Glory at $3.00 per 100.

2000 Queen Louisa, 500 Hill, 1500 Dorothy, 1500 Joost, 500 Crocker, 500 Guardian Angel, 250 Red Jacket, 350 Genevieve Lord at $2.50 per 100.

Walker & McLean, Youngstown, Ohio.

Special low prices on rooted carnation cuttings.

	100	1000		100	1000
Lawson	$1.75	$15	Hill	$1.25	$10
G. Angel	1.25	10	W. Cloud	1.25	10
Joost	1.25	10	Q. Louise	1.25	12
Crane	2.00	18	Higinbotham	2.00	18
America	2.00	18	Prosperity	2.00	18
Palmer	2.00	18			

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Carnation plants ready for field planting. These plants are now in soil and are extra large:

12,000 Wolcott	$3.50 100	$30.00 1000
3,000 L. Pond	3.50 100	30.00 1000
5,000 Prosperity	2.50 100	20.00 1000
1,000 Lorna	2.50 100	20.00 1000
1,200 Gold Nugget	2.50 100	20.00 1000
2,000 Maceo	2.50 100	20.00 1000

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First class carnation cuttings from soil; nothing but stem cuttings.

	100	1000
6000 Harlowarden	$4.00	$30.00
1000 Norway	1.50	15.00
1200 Higinbotham	2.00	20.00
500 Nelson	2.50	25.00
500 Marshall Field	2.50	25.00

Also other varieties.
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Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

The best selected carnations.

Strong, from soil.	100	Rooted cuttings.	100
Gov. Wolcott	$4.00	Gov. Wolcott	$3.00
Boston Market	4.00	Boston Market	3.00
The Queen	5.00	The Queen	3.50
Pres. McKinley	3.00	Prosperity	2.00
Estelle	5.00	Enchantress	5.00

Geo. Hancock & Son, Grand Haven, Mich.

Rooted carnation cuttings, first-class stock.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

We have all the standard varieties of carnations and are also booking orders for FIANCEE and CARDINAL for next season. Write us for price list on other varieties and special discounts on large lots.
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Carnations, 2½-in., extra fine stock. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Roosevelt, Lorna, Lawson, Higinbotham, Mary Wood, White Cloud, Palmer, $3.00 100.

Flora Hill, Joost, $2.50 100.
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50,000 outside in flats ready to plant. Q. Louise, Hill, Crocker, Joost, G. Angel, Crane, Marquis and Firefly, red in fair proportion, $15.00 per 1000, $2.00 per 100. Send for list of mums and bedding stock. cannas, etc. Cash. Benj. Connell, West Grove, Pa.

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A fine, healthy stock of Joost, Eldorado, Genesee, Crocker. Out of sand, $1.50 100; $12.50 1000. Out of soil and pots, $2.00 100; $17.50 1000. Lillian Pond, Gov. Wolcott, Murphy's White, 2¼-in. pots and soil, $4.50 100.
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Carnations. Well established strong plants from soil. 500 Joost, 500 Wm. Scott, 500 Flora Hill, 500 Mrs. Fisher, 500 Queen Louise, 1000 Ethel Crocker, 200 Harlowarden at $2.00 100, $15.00 1000.
C. Eisele, 11th and Jefferson Sts., Phila.

Healthy, strong rooted carnation cuttings. Joost, from cutting bed, $1.00 100, $6.00 1000. Joost, transplanted from soil, $1.25 100, $10.00 1000. Cartledge, transplanted from soil, $1.00 100. Cash. John R. Schreiner, Lancaster, Pa.

2000 Lawson, strong plants from soil, $2.50 100; $20.00 1000. 2000 Lawson, strong rooted cuttings, $2.00 100; $15.00 1000. 2000 Scott, strong rooted cuttings, $1.00 100; $8.00 1000. Cash. DePew Bros., Nyack, N. Y.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
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50,000 carnations from soil. Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc.
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Rooted cuttings of all the new and standard varieties of carnations. Send for list.
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Boston ferns, 2½-in., $3.50 100; 3-in., $8.00; 5-in., $25.00; 6-in., $40.00. Also some fine specimens in pans.
W. H. Gullett & Sons, Lincoln, Ill.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns, 2¼-in., 3c; $30.00 per 1000; 3½-in., 7c; $70.00 per 1000. Cash with order, please. H. H. Barrows & Son, Whitman, Mass.

Adiantum cuneatum, 3-in., $5.00 100; 5-in., $10.00; 6-in., $15.00. Large clumps from bench, $12.00 100. Batavia Greenhouses, Batavia, Ill.

In replanting maidenhair have 1000 divided plants to spare, cuneatum and princeps. $6 100. Cash. Henry Payne, Hinsdale, Ill.

Boston and Piersoni ferns, all sizes from 2½-in. to 10-in. Over 20,000 in stock. Write us.
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Bostons, fine 2, 2½, 3 and 6-inch stock at $1.00, $2.00, $3.00, $5.00 and $30.00 per 100.
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Japanese fern balls, 5-in. diameter, in prime condition, $1.25 per 10; $10.00 per 100.
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3000 Adiantum farleyense atumps, $8.00 100. Cash with order.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
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Sword ferns, $1.00 100. Boston ferns, $1.50 100. F. C. Belden, West Palm Beach, Fla.

Fern balls, 5-in., $12.00 100. Cash, please.
C. H. Jooaten, 201 West St., N. Y.

Boston ferns, 8-in. pans, A1 stock, 75c each.
W. E. Gravett, Lancaster, Ohio.

Boston ferns, 2-in., $2.00; 3-in., $5.00 100.
Batavia Greenhouses, Batavia, Ill.

Maidenhair ferns, 4-in., $1.25 per doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

50 Boston ferns, 5-in. pots, 25c each.
Jos. H. Cunningham, Delaware, O.

Boston ferns, 2½-in. pots, $4.00 100.
Converse Greenhouses, Webster, Mass.

FEVERFEW.

Little Gem feverfew, rooted cuttings, $1.00 100. Cash. H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Feverfew, 2½-inch pots, good strong plant per 100, $2.00.
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Feverfew Little Gem, $1.00 per 100 by mail.
S. W. Pike, St. Charles, Ill.

Feverfew Little Gem, 2½-in. pots, $2.00 100.
William Clark, Batavia, Ill.

Feverfew Little Gem, 2-in., $2.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Feverfew, 2½-in., $2.25 100.
Converse Greenhouses, Webster, Mass.

FORGET-ME-NOTS.

Forget-me-nots, strong plants, 2½-in., $1.50 100. L. W. Franks, Montpelier, Ohio.

FUCHSIAS.

Fuchsias, white and dbl. purple, all shades, single, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Fuchsias, good sorts out of 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

500 fuchsias, Elm City, nice, young plants, 2½-in. pots, $2.00 per 100.
The Stover Floral Co., Grandville, Mich.

Fuchsia Little Beauty, 2-in., good strong plants, $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Fuchsias, in variety, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Fuchsias, 3-in., a good mixture, $4.00 100.
Converse Greenhouses, Webster, Mass.

Fuchsia Little Beauty, 3-in., $5.00 100.
Carl Hagenburger, West Mentor, Ohio.

Fuchsiaa, aasorted, $2.50 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Fuchsias, 2½-in. pots, $2.00 100.
A. D. Montgomery, Hazleton, Pa.

Fuchsias, 5-in. pots, $1.50 doz.
G. Aschmann, 1012 Ontario St., Phila.

GERANIUMS.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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New geranium of 1904, King Edward VII. This is without doubt the best geranium for pots or bedding ever offered. Strong plants, 50c each; 2½-in. pots, 30c.
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GERANIUMS—Continued.

Geraniums, $2.00 per 100, $20.00 per 1000, 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants.
Double—Beauty Poitevine, Ceutanr, Comtesse de Harcourt, Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.
Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums S. A. Nutt, 4-in., 3½-in., 3-in. and 2½-in.; Pasteur, 4-in., 3½-in., 3-in. and 2½-in.; Le Soleil, 4-in. and 3½-in.; Trego, 4-in., 3½-in., 3-in. and 2½-in.; La Favorite, 4-in.; Jean Viaud, 4-in.; E. G. Hill, 4-in., 3½-in., 3-in. and 2½-in. Price; 4-in., $8.00 per 100; 3½-in., $6.50; 3-in., $5.00; 2½-in., $3.00.
Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Geraniums. Finest bedding varieties in all colors, mixed, 2½-inch, strong, healthy, ready for 4-inch. Will make fine plants for Memorial day. $3.00 per 100; $25.00 per 1000. A few hundred fine plants from 4-in., in bud and bloom, $10.00 per 100. Ready to ship at once. Satisfaction guaranteed. Cash with order.
Gunnar Tellmann, Marion, Ind.

Geraniums, S. A. Nutt, Rev. Atkinson, Hill, J. J. Harrison, F. Perkins, Pres. L. Simon, Grant, Poitevine, Gloire de France, Viaud, Souv. de Mirande, Dbl. White, 3-in., $4.00; 4-in., $7.00 100. Salleroi, 2½-in., strong, $3.00. Oak-leaved, 4-in., $7.00. Batavia Greenhouses, Batavia, Ill.

Geraniums Double Grant, Poitevine and Nutt in bud and bloom, extra strong 4-in., $5.00 per 100. Mme. Salleroi, strong 2½ and 3-in., $2.00 and $3.00 per 100, $18.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

New geraniums, Goliath, Gov. Stone and Double Dryden, $8.00 100. E. E. Rexford, J. D. Eisele, James Davidson, $5.00 100. Standard varieties, out of 4-in. pots, $5.00 per 100.
Henry Eichholz, Waynesboro, Pa.

Geraniums, dbl. and single, 2½-in., 50c doz., $3.00 100. Trego, 60c doz., $3.50 100, $30.00 1000. Mt. of Snow and Ivy-leaved, 50c doz., $3.00 100; scented, 50c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Geraniums, leading var., mixed, 2 and 3-in. stock, $2.25 and $5.00 100. Salleroi, 2-in., $2.00 100. Ivy geraniums, mixed, 2 and 3-in. pots, $2.00 and $4.00 100.
Converse Greenhouses, Webster, Mass.

Geraniums Le Pilot, dbl. scarlet; Mme. Thibaut, dbl. pink; La Favorite, dbl. white; S. A. Nutt, dbl. crimson, out of 4-in. pots, $7.00 100. G. Aschmann, 1012 Ontario St., Phila.

Geraniums, 1000 S. A. Nutt, 4-in., fine bushy plants, $6.00 100. 2000 assorted varieties, our choice, fine bushy plants, 4-in. pots, $6.00 100.
The Stover Floral Co., Grandville, Mich.

Geraniums, 2000 4-in., mostly S. A. Nutt, in bud and bloom, 6c without pots. This is choice stock, ready to plant any time.
Frank Berry, Stillwater, Minn.

A few thousand geraniums, mixed varieties of standard bedding sorts, 2½ to 3-in. pots, $2.00 per 100; $15.00 per 1000. Cash.
C. G. Nanz, Owensboro, Ky.

Geraniums, 1000 Heteranthe, 2½-in., $2.00 per 100, $20.00 per 1000. 500 S. A. Nutt, $2.00 per 100. Cash with order.
S. W. Carey, Jr., Urbana, Ohio.

Geraniums, S. A. Nutt, Double Gen. Grant and other varieties, out of 3-in. pots, $4.00 per 100; extra fine stock.
Geo. H. Benedict, Yorkville, N. Y.

150 fancy Bismarck, big 3½-in., 3½c; 300 2½-in., 2½c. Nine fine, named bedders, 2½-in., $17.50 a 1000. Cash.
Roney Bros., West Grove, Pa.

800 Mme. Salleroi geraniums, 2-in. pots, in good shape, $15.00 for the lot or $2.50 per 100. Cash please.
Wm. Lee & Son, Bedford, Ohio.

Geraniums, S. A. Nutt and varieties, extra fine stock, 4-in., $7.00; 3-in., $5.00 per 100.
B. Hasselbring, Flint, Mich.

Geraniums, 2000 in standard varieties, 2¼-in., pot-bound, $2.00 per 100, $17.50 per 1000.
S. M. Harbison, Danville, Ky.

Geraniums, double, very fine plants in best varieties, 3½-inch, $5.00 100. Cash.
Wm. J. Chinnick, Trenton, N. J.

Geraniums, 4-in., $8.00 100. Ricard, Nutt, Hill, Viaud, etc., about 15 varieties.
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Geraniums in flower, 4-in. pots, $6.00 100, without pots; $7.00 100, with pots.
Crabb & Hunter, Grand Rapids, Mich.

Geraniums, 10 var., 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

A few hundred geraniums, mixed, 4½-in. pots, $7.50 per 100. Cash.
Aug. Grinker, Washington, Mo.

Geraniums, strong S. A. Nutt, out of 3½-in. pots, $6.00 per 100.
Geo. A. Rackham, Detroit, Mich.

Geranium, fancy Mrs. Parker, fine 2½-in., at $5.00 per 100.
McGregor Bros. Co., Springfield, O.

Assorted geraniums, 3½-in., $7.00 100.
Mountain Villa Conservatories, Box 254, Sharon, Mass.

Geraniums, 3-in., white, scarlet, pink, $5.00 100. "Critchell's," Avondale, Cincinnati, O.

Geraniums, good varieties, 4-inch, per 100, $8.00. Crown Point Floral Co., Crown Point, Ind.

Geraniums, 4-in., best standard, $8.00 per 100.
C. Winterich, Defiance, Ohio.

Geraniums, assorted, 4-in., $7.00 per 100.
J. M. Smely, Aurora, Ill.

Geraniums, scented, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Mme. Salleroi, 2½-in., $3.00 100.
William Clark, Batavia, Ill.

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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue free.
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Gladioli, best mix., $1.00 100, $9.00 1000. Good & Reese International Mixture, 50c doz., $2.50 100, $20.00 1000.
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Gladioli, extra first size, light colors, $1.00 100; $8.00 1000. Cash.
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Gladiolus bulblets, mixed, 35c per quart. Cash.
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Gladioli, mixed varieties, at $8.00 per 1000.
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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa; Anemone Pennsylvanica; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus gigauteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.
Not less than 10 of one variety and no order received for less than $1.00 at these prices. Cash with order.
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Collected white pine and hemlock, 4 to 12-in., $8.00 per 1000; 1½ to 3 ft., good roots and tops, $30.00 per 1000. Betula lenta, lutea, papyracea, 1 to 3 ft., $8.00 per 1000. Viburnum cassinoides, dentatum, lantanoides, 1 to 2 ft., $8.00 per 1000. Viburnum lentago, 1 to 4 ft., $15.00 per 1000; 4 to 8 ft., bushy, good roots, $15.00 per 100. Aspidium acrostichoides, marginale, spinulosum, $2.00 per 100. Onoclea strutheopteris, $4.00 per 100. Osmunda cinnamonea, claytonia, regalis, $4.00 per 100, $25.00 per 1000. Lobelia cardinalis, large plants, $2.50 per 100. L. E. Williams, Nottingham, N. H.

Rhododendrons and Kalmias, fine bushy plants, good roots; diameter about equal to height. 2 ft. high, 75c each; 3 ft., $1.25; 4 ft. specimens, $2.00; 5 ft. to 6 ft., $4.00. No extra charges; low freight rates. Cash. Planting safe until June 10; no losses in planting.
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Golden Glow, strong roots, 5c. Perennial phlox, best sorts, 10c. Hydrangea pan. grand., 5c; tree-shaped specimens, 25c. Other fine 2-yr. shrubs, deutzias, spiraeas, weigelias, snowball, honeysuckle, etc., 10c.
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1000 coreopsis, strong clumps, $4.00 100. Achillea, The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
W. G. Eisele, Box 100, West End, N. J.

Hardy larkspur, 500 clumps 1-year-old, dark blue, field-grown, $6.00 per 100. Hardy foxglove, 300 field-clumps, 1-year-old, $8.00 per 100. Cash, please.
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Helianthus, hardy dwf. sunflower, multiflorus dbl. and rigidus single, 2-in., 30c doz., $2.00 100. Rudbeckia Golden Glow, 2-in., 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Hardy Phlox, clumps, $3.00 per 100. Rudbeckia Golden Glow, strong divisions, $1.50 per 100. R. B. Haines Co., Cheltenham, Pa.

Hardy phlox, 20 varieties, mixed, and pure white; divided field clumps, 3 to 5 eyes, $3.50 per 100; $30.00 per 1000.
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Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000. Rudbeckia Golden Glow, 2½-in., $2.00 100.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Hardy garden carnations, extra fine, to bloom in June, $3.00 100.
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Hardy sweet peas, white and pink, 2½-in. pots, $1.50 100.
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For your trees, shrubs, vines and small fruits, send to
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Pin oaks, 10 to 12 feet, $1.00 each, $75.00 per 100. Samuel C. Moon, Morrisville, Pa.

Pyrethrum, 2½-in., $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

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Heliotrope, two varieties, 2½-inch, $2.00 100; 3½-inch, fine, $5.00 100. Cash.
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Heliotropes, 6 best sorts, 2-in., 35c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Heliotropes, best dwarf varieties, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Heliotrope Florence Nightingale, $2.50 100.
Springfield Floral Co., Springfield, O.

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Heliotropes, best varieties, $2.50 100.
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Hibiscus, 10 leading sorts, dbl. and single, 2-in., 40c doz., $3.00 100, $25.00 1000.
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Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

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Honeysuckles, Hall's Japan, Chinese Evergreen, Scarlet Trumpet, Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000.
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Honeysuckles Halliana, Chinese Evergreen, golden leaved, $2.00 100.
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Hydrangea azurea, sky-blue, new Paris variety; 2-year-old plants for growing on to specimens, from 6-in. pots, $75.00 per 100. Cash with order, please.
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Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
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Hydrangea Otaksa, for outdoor planting, 6-in. pots, $3.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

Hydrangea Thos. Hogg, 2½-in., $2.50 per 100, $20.00 per 1000.
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Hydrangeas in bud, 4-in., $15.00 100.
Batavia Greenhouses, Batavia, Ill.

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2500 hardy English ivy; good strong plants from 2 to 4 branches, 4 feet high. $10.00 100. Cash with order.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100. Parlor ivy, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

English ivy, 3-in., bushy, 2 to 3 ft. long, $5.00 100. R. C., 6 to 10 inches long, $1.00 100.
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Ivy, German and English, 2-in., $2.00 100; rooted cuttings, 75c. Cash or C. O. D.
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Hardy or English ivy, 4-in. pots, $10.00 100; 3-in., $7.00 100; 2½-in., $5.00 100.
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Ivy. Hardy English, very strong 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each Send for a sample shipment of 20, all different and all beautiful.
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Japanese bamboo plants, large size. In fine conditon. Bambusa nana, pygmaea, Alphonse Karrl, 50c each, $5.00 doz. B. aurea, 45c each, $4.50 doz. B. argenteo striata, Veitchii, 60c each, $6.00 doz. Collection 1 plant each, 6 var., $3.00; 6 plants each, 6 var. (36 plants), $15.00.
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Jasmines Grand Duke, Cape, 2-in., 50c doz. $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
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100 Maid of Orleans, 2-year-old, cut back, 3-inch. pot bound, 75c doz., $5.00 100, cash, packed light. Stulb's Nursery, Augusta, Ga.

Cape jasmine buds, 75c 100, $6.50 1000, f. o. b. Dallas. Cash.
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Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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Latanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Lantanas, assorted, 2-in., $2.00 100.
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Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
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Lily of the valley pips from cold storage, in original cases of 500, 1000 and 2500. Prices on application.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Empress lily of valley, $12.00 1000. Case 2500, $25.00.
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Cut lily of the valley of good quality always on hand.
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Lobelia Crystal Palace comp., 2¼-in., $2.25 100.
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Lobelias, 2 and 2½-in., fine plants from cuttings, $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

Lobelias, fine 2½-in., $3.00 100.
Batavia Greenhouses, Batavia, Ill.

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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Moonvines, blue, 2¼-in., 50c 100, $2.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

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Oleanders, double pink, white and yellow, 2¼-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

ORCHIDS IN VARIETY. To make room for new importations, I offer the following at greatly reduced prices. Stock is first class. AERIDES in variety. ANGRAECUM sesquipedale; BRASSAVOLA digbyana; CATTLEYAS Bowringeana, Dowiana, Gaskelliana, Mendelii, Schroederiana, Skinneri; TRIANAE, about 100 plants from 4-in. pots to specimen plants. CHONDRORHYNCHA Chestertoni; COELOGYNE criatata; CYPRIPEDIUMS calurum, Sedeni candidulum, barbatum, dominianum, Schlimii, cardinale; DENDROBIUM bigibbum; PHALAENOPSIS Schroederi, formosum, densiflorum, epidendrum aromatic, O'Brieriі; Laelia albida specimen, Dayana, harpophylla, jongheana, praestans, purpurata, cinnabroso hybrid; latona hybrid, Cattleya Sheila hybrid, masdevallia Harryanum; MILTONIA vexillaria; ODONTOGLOSSUM Rossii; Phajus hybrid.

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Largest stock in America; established and newly imported. Amabilis, Amethystina, Esmerelda, grandiflora, Luddemanniana, rosea, Schilleriana, Leucorrhoda, Stuartiana. RENANTHERA Storiel, saccolabinm violacea, Sohralia macrantha, Thunia alba, Vanda lamellata. Write for prices.
R. Schiffmann, M. D., St. Paul, Minn.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

PALMS, ETC.

Palms, fine plants; more for your money than from Belgium.

Latania borbonica, from	5½-in. pots.		$25.00 100
Kentia Belmoreana,	"	3-in.	" .. 15.00 "
" "	"	4-in.	" .. 25.00 "
" "	"	4½-in.	" .. 35.00 "
" "	"	5-in.	" .. 45.00 "
" Forsteriana,	"	3-in.	" .. 20.00 "
" "	made-up plants, 5 to 7 in.		

pots, about 2½ to 3-ft. high, $18.00 per doz.
Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

PALMS.	100	1000
Kentia Forst. and Belm., 2-in.	$6.00	$50.00
Phoenix canariensis, 2½-in. pots	2.00	18.00
Phoenix tennis, 2-in. pots	2.00	12.00
Wash. robusta, filifera, 2½-in.	2.00	18.00
Corypha australis, 2½-in.	2.00	18.00
Chamaerops excelsa, 2½-in.	2.00	
Ptychosperma Alexandrae, 2-in.	2.00	18.00
Latania borbonica, 2½-in.	2.00	18.00

Exotic Nursery, Santa Barbara, Cal.

	100
300 Kentia Forsteriana, 3-in. pots	$12.00
600 Kentia Forsteriana, 4-in. pots	25.00
200 Kentia Belmoreana, 4-in. pots	25.00
200 Latania borbonica, 5-in. pots	25.00

Walker & McLean, Youngstown, Ohio.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

Pandanus utilis, 4 and 5-in., $20.00 100. Phoenix, 5-in., $15.00 100.
Batavia Greenhouses, Batavia, Ill.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Latanias, 6 to 7-in. pots, 50c each.
G. Aschmann, 1012 Ontario St., Phila.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100, $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

Pansies, twice transplanted, in bud and bloom, all the finest strains grown, per 100 $2.00; once transplanted fine plants, in bud and bloom, per 100, $1.00. J. Sylvester, Oconto, Wis.

Pansies, strong plants in bud and bloom, $2.00 100. Cash.
H. Stahlhut, New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

500,000 pansies that give satisfaction wherever used, $10.00, $15.00 and $20.00 1000, according to size. I. E. Coburn, Everett, Mass.

Pansies, fancy stock, large clumps all in bloom, $4.00 per 100. Cash.
I. Merwin Rayner, Greenport, N. Y.

Pansies in bloom, but not forced, very stocky, $8.00 1000, $1.00 100.
Converse Greenhouses, Webster, Mass.

Pansies, fancy stock; large plants all in bloom, $1.50 per 100.
August Grinker, Washington, Mo.

PELARGONIUMS.

Pelargoniums, 10 best named varieties, 2½-inch, $3.00; 3½-inch, $6.00 per 100, all in bud and bloom. J. Sylvester, Oconto, Wis.

Pelargoniums, 2½-in., in bud and bloom, 3 good varieties, to close out, $3.00 per 100.
Krueger Bros., Toledo, O.

100 pelargoniums, 2-in., $3.00. Cash.
Jos. H. Cunningham, Delaware, O.

PEONIES.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, 12c. W. H. Salter, Rochester, N. Y.

PETUNIAS.

400 dbl., blotched petunias in bud and bloom, 2½-in. pots, $2.50 per 100, just right to bed out. 500, 4-in. pots in full bloom, $6.00 per 100.
The Stover Floral Co., Grandville, Mich.

Single petunias, a strain that is a money maker for florists. Fine 2½-inch pot plants, $2.00 100; from flats, $1.50 100.
W. J. Engle, R. D. 8, Dayton, O.

Petunias, finest single fringed, extra strong, 2½-inch and 3-inch, $1.75 and $3.00 per 100; $16.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Petunias, dbl. fringed, 6 distinct var. from 2½-in. pots, labeled, $2.00 100, $18.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Petunias, double, named varieties, nice stock in 2½-in. pots, $3.00 per 100; $25.00 per 1000.
McGregor Bros. Co., Springfield, O.

Double fringed petunias, 3 varieties, separate colors, in bud and bloom, $2.50 per 100, $20.00 per 1000. Krueger Bros., Toledo, O.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double-fringed petunias, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Petunias, 2½-in., fine plants, $2.50 100.
Converse Greenhouses, Webster, Mass.

Seedling petunias, $3.00 100.
Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

Poinsettias, strong, dormant plants from bench, $10.00 per 100.
Thorn Hedge Greenhouses, Newtown Square, Pa.

PRIVET.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
Good & Reese Co., Springfield, O.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

Ligustrum Ibota, hardy Japan privet, 4 to 5 ft., $10.00 per 100, $80.00 per 1000.
Samuel C. Moon, Morrisville, Pa

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendrons. Parson's hardy hybrids in 8 choice named varieties; fine plants, 20 to 24 inches high, well set with flower buds. Price to close them out, only 60c each, 12 for $6.50.
L. Templin & Sons, Calla, Ohio.

ROOTED CUTTINGS.

	100	1000
Marguerites, white and yellow	$1.00	....
Salvias splendens, Bonfire	1.00	$9.00
Heliotropes, light and dark	1.00	....
Alternantheras, yellow	.50	4.50
Moon flowers, best early	2.00	....
Coleus, best sorts in variety	.60	5.00
Coleus, Verschaffeltii, Golden Bedder, and Firebrand	.75	6.00
Lobelia, fancy blue	.50	....

"Critchell's," Avondale, Cincinnati, O.

Rooted cuttings, Ageratums—Gurney, Pauline; Alternantheras—yellow, 50c 100. Double petunias—12 kinds, $1.00 per 100. Stevia var., 75c per 100. Vinca var., 75c per 100. Fuchsias—5 kinds. Heliotropes—blue, $1.00 per 100. Prepaid. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT. BRIGHTON, MASS.

Roses. Maids, Brides, Gates, strictly No. 1 stock, $3.50 100; $30.00 1000.
2-yr.-old Beauties, Maids, Brides, from bench. Price on application.
Poehlmann Bros. Co., Morton Grove, Ill.

ROSES—Continued

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. Chatenay	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	5.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	6.00	50.00			

2 year-old plants from benches.

	100	1000		100	1000
Am. Beauty	$6.00	$50.00	Ivory	$3.00	$25.00
Maid	3.00	25.00	G'den Gate	3.00	25.00
Bride	3.00	25.00	Kaiserin	3.00	25.00
Perle	3.00	25.00			

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rose plants, strong, 2½-in. stock.

	100	1000		100	1000
Uncle John	$20.00	$150	Liberty	$5.00	$40.00
"	6.00	50	Bridesmaid	3.00	25.00
Sunrise	5.00	40	Bride	3.00	25.00
Am. Beauty	6.00	50	G. Gate	3.00	25.00

Rose stock plants, 2 yrs. old.

Beauty	$8.00	$70.00	Sunrise	$8.00	$70.00
Liberty	8.00	70.00	G. Gate	7.00	60.00

The Bentley-Coatsworth Co., 35 Randolph St., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.

2-in. ..... $5.00 per 100; $45.00 per 1000
3-in. ..... 6.00 per 100; 55.00 per 1000
4-in. ..... 8.00 per 100; 75.00 per 1000

If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

Rose plants, 2-inch stock.

	100.	1000.		100.	1000.
Bridesmaid.	$3.00	$25.00	G. Gate	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty.	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Young rose stock. Per 100:

Brides,	2-in., $2.50;	2½-in.,	$3.50
Bridesmaids,	2-in., 2.50;	2½-in.,	3.50
Ivory,	2-in., 2.50;	2½-in.,	3.50
Perles,	2-in., 3.00;	2½-in.,	4.00
Kaiserin,	2-in., 3.00;	2½-in.,	4.00
Hermosa and Soupert,		2½-in.,	2.50

James C. Murray, Peoria, Ill.

	100	100		100	100
	2½-in.	3-in.		2½-in.	3-in.
Beauties	$5.00	$8.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

W. H. Gullett & Sons, Lincoln, Ill.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Beauties, 2¼-in., $6.00 per 100, $50.00 per 1000; 3-in., $8.00 per 100, $70.00 per 1000. Queen of Edgely, 3-in., $8.00 per 100, $70.00 per 1000. Brides, Bridesmaids, Meteors, Liberties, 2¼-in., $3.00 per 100, $25.00 per 1000. Ivory, 3-in., $6.00 per 100, $50.00 per 1000.
J. F. WILCOX, Council Bluffs, Iowa.

We have a small surplus of several thousand strong plants of Bridesmaid, Bride, Ivory, Golden Gate and Meteor, 2½-in., $2.50 per 100, $20.00 per 1000. Cash with order. Satisfaction guaranteed.
Baur Floral Co., Erie, Pa.

Roses, 2½-in. Ball of Snow, Pink Rambler, Yellow Rambler, Psyche, Empress of China, Pres. Cleveland, Glory de Polyantha, Mignonette, $2.50 100, $20.00 1000; Ball of Snow, 2-yr.-old, 4-in., $8.00 100.
Springfield Floral Co., Springfield O.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Bridesmaids, $12.00 per 100; Liberties, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice, well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

H. P. roses, fine 2 yr., field grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c. Crimson Rambler, 2-yr., strong, 12c. C. Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
L. B. Coddington, Murray Hill, N. J.

Surplus roses. Meteors, Brides, Bridesmaids, Golden Gates, 2-in., ready for 3-in., $2.50 per 100. Fine stock, sure to please.
G. Van Boebove & Bro., Kalamazoo, Mich.

Mme. Chatenay, most profitable pink rose to the Chicago market this year, fine, healthy stock, $6.00 100; $50.00 1000.
Emil Glauber, Montclair, Colo.

Hermosa and hybrid roses, 4-in. pots, $10.00 100. Pres. Carnot and other mixed var., very strong, 5½-in. pots, $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 per 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

500 American Beauty roses, own roots, strong plants from 2½-in. pots, now ready, $6.00 per 100. W. E. Fowler & Co., Holly Oak, Del.

2000 Golden Gate Roses, 2½-inch pots, $3.00 100. Ready to shift to 4-in.; clean, healthy stock. C. A. Werk, Madison, N. J.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

AMERICAN BEAUTIES, fine stock from 2½-in., $5.00 per 100.
South Park Floral Co., New Castle, Ind.

H. P. and Crimson Rambler roses, $1.50 doz., $10.00 per 100.
F. A. Baller, Bloomington, Ill.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.50 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Roses, 2-in., leading sorts, 50c doz., $3.00 100. Good & Reese Co., Springfield O.

Bride, Maid and Golden Gate roses, 2-in., $3.00 100. S. D. Brant, Clay Center, Kan.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvias, Bonfire, silverspot and splendens, 2¼-in., $2.00 100; $15.00 1000. Holts' Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens and Bonfire, strong 2½, 3 and 4-in., $1.75, $3.00 and $5.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia Bonfire, strong plants, 2-in., $2.00 100, 300 for $5.00. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Salvias, 2-in., 6 best sorts, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Salvia splendens, 2½-inch pots, $2.00 100. Cash. Wm. J. Chinnick, Trenton, N. J.

500 Salvia splendens, $1.50 per 100. Cash with order. S. W. Carey, Jr., Urbana, O.

Salvias, 4-in., $6.00, 3-in., $3.00 100.
Batavia Greenhouses, Batavia, Ill.

Salvia Triumph, 2½-in., $3.00 per 100.
William Clark, Batavia, Ill.

Salvia splendens, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

Van Namen's Excelsior Holland cabbage seed, pkt., 25c; ¼ lb., 75c; 1 lb., $2.00.
C. H. Joosten, 201 West St., N. Y.

Asparagus plumosus nanus seed, 50c 100, $4.00 1000, $18.00 5000, $35.00 10,000.

	100	500	1000
Primula sinen. fim	25c	$1.00	$1.75
Primula mag., pure white	25c	1.00	1.75
Primula kermesina, crimson	25c	1.00	1.75
Primula delicata, beautiful rose	25c	1.00	1.75
Primula coccinea, scarlet	25c	1.00	1.75
Primula Holborn, blue	35c	1.25	2.00
Mixed, all colors	20c	.85	1.50

Primula Forbesi Baby Primrose, pkt., 25c; trade pkt., 50c. P. obconica grand., white, rose, pkt., 25c.; trade pkt., 50c. Berger's Never Fail pansy seed, 1000 seeds, 25c; 5000, $1.00. Areca lutescens seed, 75c 100, $6.00 1000, $25.00 5000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Calceolaria hybrida grand. and compacta, James' superb strain, 60c per ½ trade pkt., $1.00 per trade pkt. C. rugosa, shrubby, 34c packet (small). Cineraria grand., blue, crimson, white, dwarf mixed, medium tall mixed, 60c per ½ trade pkt., $1.00 trade pkt. James' giant strain mixed, same price as above. Choice mixed hybrids, ½ trade pkt., 30c; trade pkt., 50c; dbl. mixed, ½ trade pkt., 60c; trade pkt., $1.00. Sutton's stellata (Star cineraria), original pkt., 60c. Stellata hyb., original pkt., $1.00. Maritima candidissima, white leaved, trade pkt., 10c; oz., 25c.
Henry F. Michell Co., 1018 Market St., Phila.

California seeds. Shasta daisy, 75c per 1000, $6.50 per 10,000. Geranium Good Venture, a grand mixture of fine large flowering sorts, in great variety, 50c pkt., $3.00 oz. Smilax, $2.00 lb. Ipomoea Heavenly Blue, 40c oz., $3.50 lb. Cyperus alternifolius, 25c pkt., $1.00 oz. Alsophylla australis (Australian tree fern), 50c pkt., $7.50 oz. Apple geranium, 75c 1000 seeds. Asparagus Sprengeri, 50c 1000 seeds. Erythea edulis (Guadalupe Island palm), a fine, rapid growing fan palm, $1.50 1000 seeds.
Theodosia B. Shepherd Co., Ventura, Cal.

CARLSON ASTER—true strain—pink, lavender, white, and mixed. Per trade packet, 25c; ¼ oz., 50c.
ASPARAGUS PLUMOSUS NANUS — guaranteed germination—greenhouse grown, $7.00 per 1000.
SPRENGERI, 50c per 1000.
ST. LOUIS SEED CO., St. Louis, Mo.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

Seed of Burbank's Ever-Bearing Crimson Winter Rhubarb. $1.50 per oz. Send for circular and catalogue.
Theodosia B. Shepherd Co., Ventura, Cal.

Asparagus Sprengeri seed, 50c per 1000; $4.00 per 10,000.
P. D. Barnhart, 2506 Fairmont St., Los Angeles, Cal.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $0.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus seed, $4.00 per 1000. 250 for $1.00, postpaid; fresh picked. Cash with order. J. F. Allen, Orlando, Fla.

Our wholesale price list of seeds, bulbs and supplies is now ready. Write for it.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $1.00 100; $4.50 1000, Cash.
Jos. H. Cunningham, Delaware, O.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

EMERALD florist thread. Fully warranted to be fast colors. Just the correct weight for tying smilax and asparagus strings. It is a foliage green and suited for all bouquet and floral work.
1 lb. (8 spools), $1.10; 1 spool (2 oz.), 15c; by mail, $1.18 (postage paid).
E. H. HUNT, 76 Wabash Ave., Chicago.

String your smilax with Meyer Green Silkoline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 80 Kingston St., Boston, Mass.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRÆAS.

Spiræas, fine dormant plants, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

VEGETABLE PLANTS.

CABBAGE—Plants, ready April 10, 30c per 100, $2.50 per 1000, $2.00 per 1000 for 5000 or more. Early Jersey Wakefield, Long Island strain; Early Winningstadt, Philadelphia strain; Burpee's All Head Early, Henderson's Succession, All Seasons, Sure Head.

TOMATO—Plants, ready May 1, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.

CAULIFLOWER—Plants, ready April 10, 50c per 100, $4.50 per 1000. Henderson's Snowball, Early Dwarf Erfurt, Early Favorite.

PEPPER—Plants, ready May 1, 50c per 100, $4.00 per 1000. Bull Nose or Large Bell, Chinese Giant.

The plants listed above are not southern seed bed plants, but are stocky, vigorous, transplanted plants, thoroughly hardened, from the best seed obtainable. Sample plants mailed upon application.

Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

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BALSAMS.

When balsams are well grown, they form quite an attractive feature in the cool greenhouse during the summer months, or for bedding, as their flowers comprise many beautiful shades of salmon, scarlet, rose, white, purple and maroon. The blooms somewhat resemble those of a camellia, and some of the blooms out-rival the camellia in beauty. It is very important to secure seed of a good strain, and this can only be attained by dealing with some good firm, as cheap packets of any seed are very dear in the long run.

Cultural details are very simple, but must have attention at the proper time to secure good results. It takes from eight to nine weeks from sowing the seed until the plants come into bloom. The seeds are best sown in 3-inch pots, placing two seeds in each, so that if they both germinate one of them can be removed to give more room to the one left. The soil should consist of loam, leaf-mold and sand, passed through a half-inch sieve, covering the seeds over with about half an inch of the soil, and placing the pots in a little warmth, such as a nearly-spent hotbed provides.

When the seedlings appear, they will require to be kept as near the glass as possible, to keep them stocky and dwarf. The next shift should be into 5-inch pots, using a more substantial compost, such as turfy loam, leaf-soil and decomposed cow-manure. At each subsequent potting the plants should be kept as low down in the pots as it is possible to get them. By this time the plants will do well if placed in a cold frame, on a damp bottom, closing the frames early in the afternoon to retain a little sunheat, which will assist the plants in making roots in the new soil.

Balsams will require yet another shift when the 5-inch pot is full of roots; 8-inch or 9-inch pots will suit for flowering the plants in, using the same kind of soil as before, but making it firmer. When first potted in new soil, water should be given with great care, but as the pots become filled with roots they require plenty of moisture, with weak liquid manure once or twice a week.

The flowers will require picking off the earlier-formed growths as they make their appearance until the plants are well furnished from top to bottom.—Gardeners' Magazine.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

KNOXVILLE, IA.—David Munger & Co. have purchased the J. W. Brittenbaugh hotbed outfit and stock of plants.

LEADVILLE, COLO.—Miss Nellie Smith has reopened the old Stockdorf stand with a full line of cut flowers and plants.

MAQUOKETA, IA.—The Odgers establishment will be enlarged this summer by the addition of a house for chrysanthemums.

KANSAS CITY, MO.—Emil Roessner, the Rosedale florist, had a narrow escape from drowning May 5, in attempting to cross an overflowing creek.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

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Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. The book is the work of a careful, studious grower of ripe experience. Fully illustrated.

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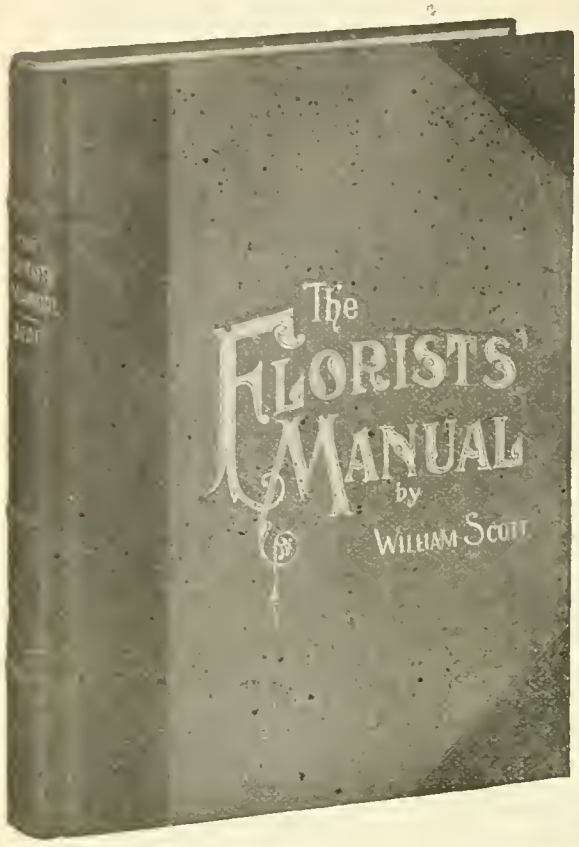

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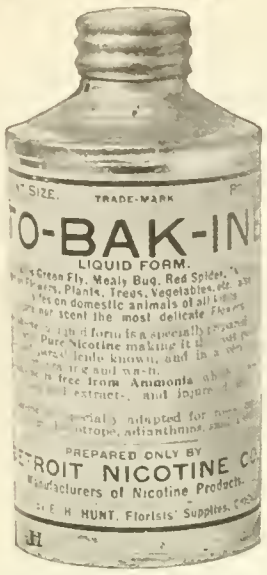

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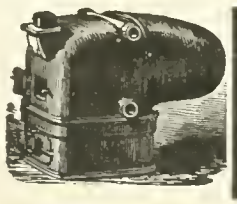

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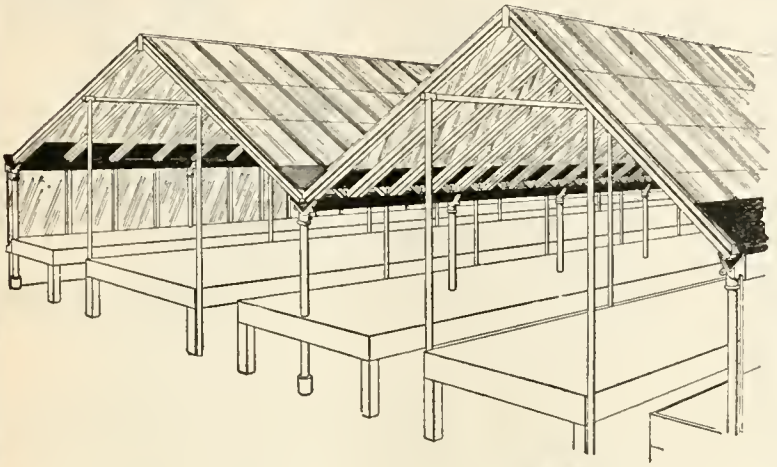

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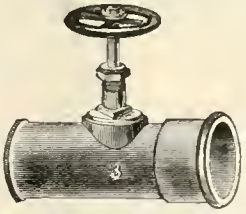

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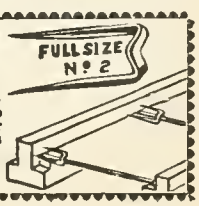

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
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NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

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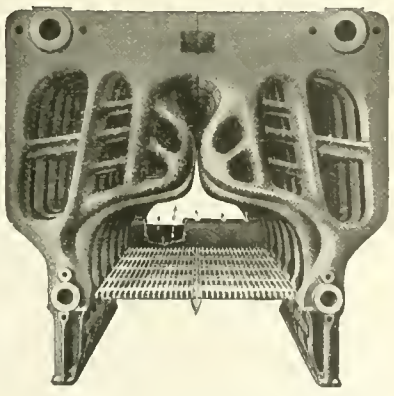

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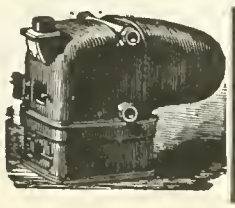

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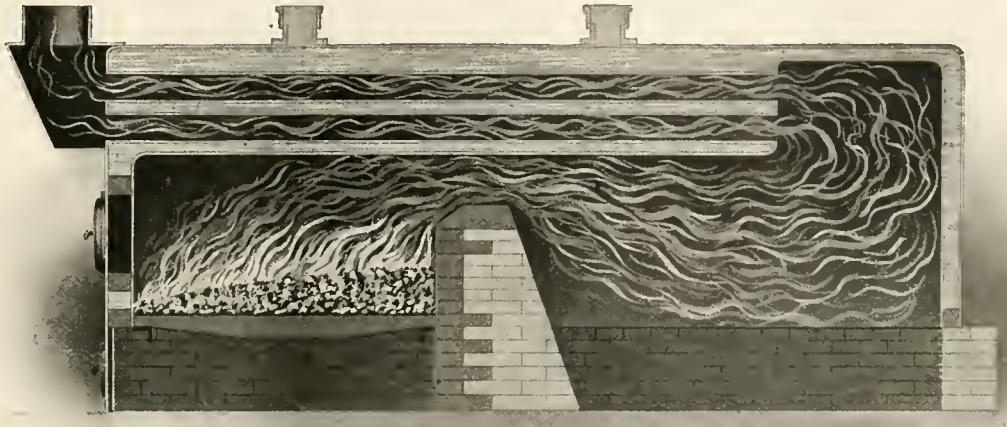

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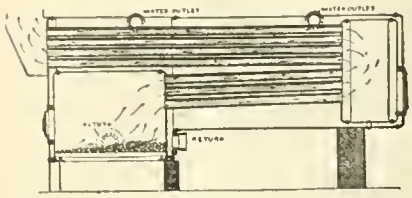

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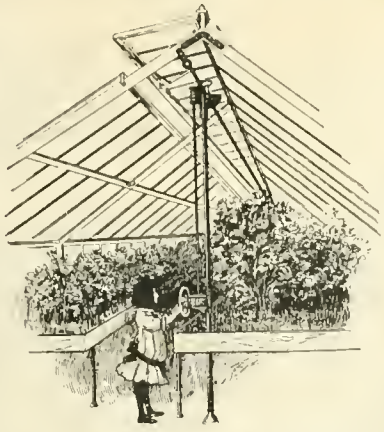

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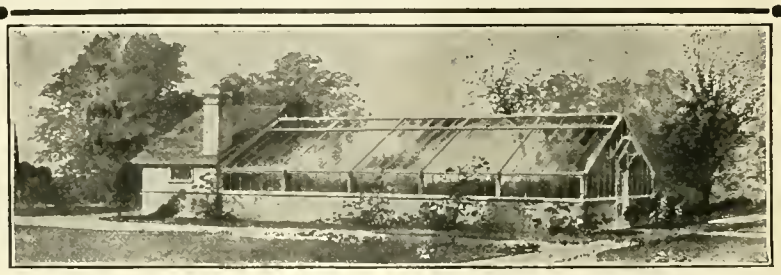

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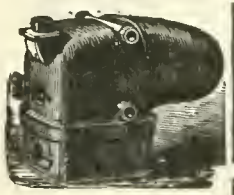

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MAY 19, 1904

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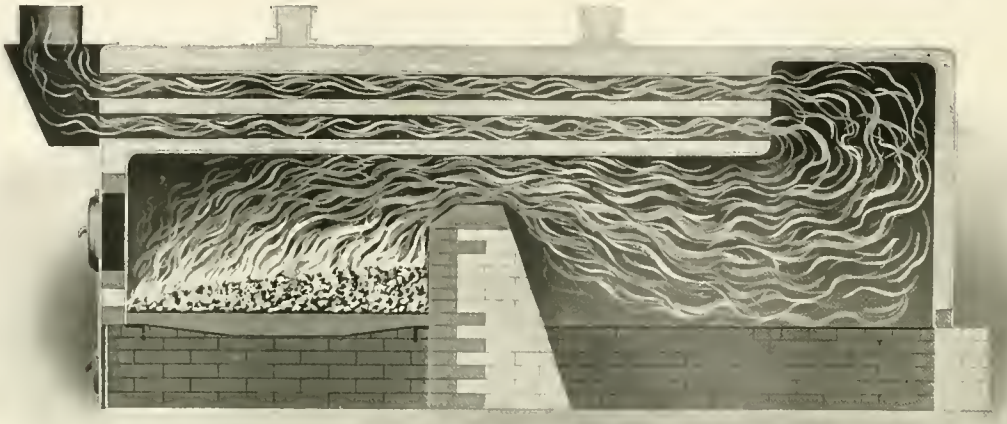

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Rudbeckia or Golden Glow, $20.00 per 1000	2-in.	.40	2.50
Russellas, 3 sorts	2-in.	.40	2.50
Rhyncospermum Jasminoides, $25.00 per 1000.	2-in.	.40	3.00
Salvias, 6 best sorts, $20.00 per 1000	2-in.	.40	2.50
Saxifraga Sarmentosa	2-in.	.50	3.00
Solanum Azureum, Blue Solanum	2-in.	.50	3.00
Swainsonas, 2 sorts, white and pink	2-in.	.50	3.00
Sanseviera Zeylanica, $20.00 per 1000	2-in.	.40	2.50
Spiraeas, hardy shrubs, fine dormant plants		.50	3.00
Smilax, $18.00 per 1000	2-in.	.30	2.00
Stapelia or Star Flower	2-in.	.40	2.50
Vinca Major Var., $20.00 per 1000	2-in.	.40	2.50

Write for New Wholesale Price List to-day, just issued. Address:

The Good & Reese Co.

SPRINGFIELD, OHIO.

THE LARGEST ROSE GROWERS IN THE WORLD.

COME TO FLATBUSH

And Be Convinced that you are not going to be Disappointed if you Buy

NEPHROLEPIS SCOTTII.

TO SEE IT IS TO BUY IT.

Awarded S. A. F. O. H. Silver Medal at the Pennsylvania Horticultural Society's Spring Exhibition in Philadelphia, March 24, 1904. Awarded a Diploma by the American Institute, and also received the New York Florists' Club's Highest Award, "A Certificate of Merit."

NEPHROLEPIS SCOTTII

is without a doubt the finest Nephrolepis ever introduced, and is as far ahead of the Boston Fern as the Boston is ahead of all other introductions. It is a rapid grower and to see it in all stages of growth, from a runner in the bench to a 14-inch pot specimen, will convince you that it will positively take the place of its parent, the old Boston Fern.

Unquestionable Testimonials as to its Worth.

THE "ROSARY" FLOWER COMPANY,
24 East 34th St., Betw. Fifth & Madison Aves., N. Y.
WESTBURY, L. I. NEWPORT, R. I.
Telephone Connection.

NEW YORK, March 18, 1904.

MR. JOHN SCOTT, Keap Street Greenhouses, Brooklyn, N. Y.

Dear Sir:—I like **Nephrolepis Scottii** very much and wish you would grow 100 specimen plants for me for next Fall delivery: you know about the quality of plants I handle. Yours truly,

(Signed) J. H. TROY.

MR. JOHN SCOTT, BROOKLYN, N. Y., April 11, 1904.

Dear Sir:—You have my order for your new **Nephrolepis Scottii.** I wish to say here, that I am very favorably impressed by your novelty. I admire its habit and style of growth and consider it the best Nephrolepis variety we have got so far. Yours very truly,

(Signed) J. M. KELLER.

MR. JOHN SCOTT, WOODSIDE, N. Y., April 5, 1904.

Dear Sir:—Please accept my order for 1000 **Nephrolepis Scottii** at $200 per 1000. I consider your fern as far ahead of the Boston fern as the Boston is ahead of all the recent introductions of Nephrolepis. It has a splendid habit and is a rapid grower and will, I am certain, prove itself a money-maker for any one that buys it. Yours truly,

(Signed) HERMAN DREYER.

Established 1869. Telephone Connection. Incorporated 1902.
Office of J. M. HODGSON, FLORIST, Inc.
THE FIFTH AVENUE FLORAL ESTABLISHMENT,
718 Fifth Avenue, Corner 56th Street, New York City.
Nursery, Greenhouses and Branch Store: Corner Bellevue and Leroy Avenues, Newport, R. I.

NEW YORK, April 20, 1904.

MR. JOHN SCOTT, Keap Street Greenhouses, Brooklyn, N. Y.

Dear Sir:—Please reserve for us 150 **Nephrolepis Scottii** in the sizes as follows, viz., 25, 6-inch pots; 25, 8-inch pots; 50, 10-inch pots, and 50 large specimens.

We think that "Scottii" is far better than the "Boston" in all sizes, and think it will certainly take its place. We have tried all the other introductions, but failed to find them satisfactory for our class of trade. Kindly acknowledge receipt, and oblige. Yours truly,

(Signed) J. M. HODGSON, Florist, Inc. (Per A. W. S.)

Telephones, Columbus 1552-1553. Established 1849.
DAVID CLARKE'S SONS, Florists,
2139-2141 Broadway, Corner 75th Street.
PALMS AND FERNS A SPECIALTY, FLOWERING PLANTS.
Greenhouses: Fordham Heights.

MR. JOHN SCOTT, NEW YORK, April 13, 1904.

Dear Sir:—We have tried all the new introductions of Nephrolepis and have had to come back to the old Boston again but in the **Nephrolepis Scottii** we are certain we have at last found the ideal Nephrolepis. It has a grand habit and judging from our observation of it in the past two years, we predict it will prove a seller and a money-maker. Yours truly, (Signed) DAVID CLARKE'S SONS.

Branch: 442 Clarkson Street. Telephone, 99 Flatbush.
CHAS. ZELLER & SON, Florists and Nurserymen,
Lefferts St., Near Washington Ave., One bl. from Flatbush Ave., 29th Ward, Br'k'n.

MR. JOHN SCOTT, BROOKLYN, April 25, 1903.

Dear Sir:—You have my order for **Nephrolepis Scottii.** Sorry I cannot devote more place for your new fern. I have observed from time to time its good qualities and consider it will prove a good seller. It is certainly a fern that has come to stay. Yours truly,

(Signed) ALFRED ZELLER.

Delivery will be made as follows: Strong transplanted runners from the bench or 2¼-inch pot, delivery commencing June 1; all orders filled in rotation at the following prices: **$1.00** per doz.; **$25.00** per 100; **$200.00** per 1000. Strong 6-in. pot plants now ready, **$2.00** each; 8-in. pans, **$3.50** each; 10-in. pans, **$5.00** each. **I have decided to give buyers the option of taking either transplanted runners from the bench or 2¼-in. potted stock.**

Address **JOHN SCOTT,** Keap Street Greenhouses, **Brooklyn, N. Y.** BRANCH: East 45th Street and Rutland Road, Flatbush.
Telephone 1207 Williamsburg.

WIETOR BROS.

51 Wabash Avenue, CHICAGO.

LARGE SUPPLIES OF

LONG BEAUTIES, ROSES and CARNATIONS

FOR

DECORATION DAY!

Stock of Good Quality and Prompt and Careful Attention Guaranteed.
Send us Your Orders.

PRICE LIST:

Subject to Change Without Notice.

ROSES

BEAUTIES—			
36-inch and upward,	per doz..	$3.00 to	$4.00
24 to 30-inch, ...	per doz.,	2.50 to	3.00
20-inch, ...	per doz.,		2.00
15-inch, ...	per doz.,		1.50
12-inch, ...	per doz.,		1.00
Short Stems, ...	per doz.,	.50 to	.75
LA FRANCE, ...	per 100,	4.00 to	8.00

LIBERTY, ...	per 100,	$6.00 to	$10.00
KAISERIN, ...	per 100,	4.00 to	8.00
IVORY, ...	per 100,	3.00 to	6.00
BRIDE, ...	per 100,	3.00 to	6.00
BRIDESMAID, . . .	per 100,	3.00 to	6.00
METEOR, ...	per 100,	3.00 to	7.00
GOLDEN GATE, .	per 100,	3.00 to	6.00
PERLE, ...	per 100,	3.00 to	6.00

CARNATIONS

STANDARD SORTS,	per 100,	$2.00
SPEC'L FANCY SORTS,	"	$3.00 to 4.00

PEONIES, ...	per doz.,	$0.75 to $1.00
CAPE JASMINES,	per 100,	1.50 to 3.00

PETER REINBERG

Grower and Wholesaler of

CUT FLOWERS

A MILLION FEET OF GLASS

Our Specialty is Mme. **CHATENAY** THE FINEST PINK ROSE.

Also all other

Roses and Carnations

A full crop and A1 quality for

Decoration Day.

PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.
P. & D. AT COST

BEAUTIES:	Per doz.
36-inch and up	$3.00 to $4.00
24–30-inch	2.50 to 3.00
20-inch	2.00
15-inch	1.50
12-inch	1.00
Short stems	.75

	Per 100
BRIDE	$3.00 to $6.00
BRIDESMAID	3.00 to 6.00
METEOR	$3.00 to $6.00
LIBERTY, select	8.00 to 10.00
" seconds	4.00 to 6.00
GOLDEN GATE	3.00 to 6.00
SUNRISE	4.00 to 7.00
CHATENAY, select	8.00 to 10.00
" seconds	4.00 to 6.00
CARNATIONS	2.00 to 3.00

CAPE JASMINES, $1.50 to $2.50 per 100.
PEONIES, 75c to $1.00 per doz.

C. W. McKELLAR

Cattleyas.....$6.00 per doz.
Dendrobiums ...$2.00 to 4.00 "
Assorted Orchids, 5.00 to 25.00 per box.

51 Wabash Ave.

ORCHIDS

CHICAGO.

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW THAN EVER. TRY ME.

L. D. Phone Central 3598.

DECORATION DAY Flowers and Greens

OF EVERY DESCRIPTION.

DECORATION DAY PRICE LIST:

	Per doz.
BEAUTIES, extra fancy	$4.00 to $5.00
30 to 36-inch	3.00 to 3.50
24 to 30-inch	2.00 to 2.50
15 to 20-inch	1.00 to 1.50
8 to 12-inch	.75 to 1.00
	Per 100
Short	$4.00 to $5.00
ROSES (Teas), Brides, select	4.00 to 6.00
Brides, medium	3.00 to 4.00
Maids, select	4.00 to 6.00
Maids, medium	3.00 to 4.00
Liberty, Chatenay	7.00 to 10.00
Liberty, Chatenay, medium	4.00 to 6.00
Perles	4.00 to 6.00
Golden Gates, Ivory	4.00 to 6.00
Golden Gates, medium	3.00 to 4.00
Meteors	5.00 to 10.00
Roses, my selection	4.00

	Per 100
CARNATIONS, medium	1.50 to 2.00
Fancy	2.50
Extra fancy	3.00 to 4.00
Write or wire me for special quotations on thousand and larger lots.	
MISCELLANEOUS.	Per 100
Alyssum	$ .25
Mignonette	$4.00 to 5.00
Violets, single, out-door	.50
Marguerites	.50 to 1.00
Sweet Peas, white	.75 to 1.00
Sweet Peas, pink	.50 to .75
Peonies, white	$1.00 per doz.
Peonies, red and pink	$ .75 to 1.00 "
Lilacs	2.00 to 4.00 "
BULBOUS.	Per 100
Valley, fine	$3.00 to $4.00
Valley, out-door	1.00 to 2.00
Narcissus Poet's	1.00 to 2.00

BULBOUS.	Per 100
Tulips out-door stock	$2.00 to $3.00
Jonquils	2.00 to 3.00
Callas	10.00 to 12.00
Harrisii	10.50 to 12.00

I will have considerable miscellaneous stock not listed, and if you can use assorted flowers can give you good variety of stock where selection is left with me.

GREENS.	
Smilax, strings	per doz., $2.00 to $3.00
Asparagus, strings	each, .40 to .50
Asparagus, bunches	" .25 to .50
Sprengeri, "	" .25 to .50
Adiantum	per 100, .50 to 1.00
Ferns, common	per 1000, 2.00 to 3.00
Galax, green	" 1.25
Galax, bronze	" 1.50
Leucothoe Sprays	" 10 00
Ivy Leaves	per 100, .50

Remember I carry a complete line of all Florists' Supplies, Ribbons, Doves, Wheat Sheaves, Moss, Foil, Picks, Cycas Wreaths, Cycas Leaves, and in fact everything used by the florist. Send me a list of your wants. I can interest you on prices and quality of goods.

Cape Jessamine Grandiflora, fine, $1.00 to $1.50 per 100. Prices subject to change without notice. P. & D. at cost. Your early order solicited.

SINNER BROS.

58-60 Wabash Ave., CHICAGO.

Give us your order for Decoration Day.

Being located in the Growers' Market, with large supplies from our own greenhouses and the stock of a large number of the best growers to draw upon, WE HAVE FACILITIES SECOND TO NONE for THE PROMPT AND SATISFACTORY HANDLING OF ORDERS FOR DECORATION DAY.

Headquarters for HARDY FERNS- the best in the market.

WRITE -- TELEGRAPH -- TELEPHONE.

Decoration Day Prices.

BEAUTIES—	Per doz.
Extra select	$4.00
30 to 36-inch	3.00
24-inch	2.50
18 to 20-inch	2.00
Short	75c to 1.00
	Per 100
Brides and Maids, extra select	$6.00
" " good graded stock	5 00
" " medium	4.00
" " short	3.00
Liberty, long	10.00
" good stock	6.00
" short	3.00
Roses, our selection, per 1000, $25.00.	
Carnations, fancy	$3.00 to 4.00
" select	3.00
" good	2.00
" our selection, per 1000, $15.00.	
Peonies, per doz., 75c to $1.00.	
Cape Jasmine	$1.50 to 3.00
Callas and Harrisii, per doz., $1.25.	
Valley, Tulips	3.00
Sweet Peas	75c to 1 00
Daisies	1.00
Ferns, fine, per 1000, $4.00.	
Asparagus Plumosus, strings	$35.00 to 50.00
" " sprays	3.00
Asparagus Sprengeri, "	3.00
Smilax, per doz., $2.00.	
Adiantum	1.00
Galax, per 1000, $1.25.	

Prices subject to change without notice.

DECORATION DAY

Is one of the **"HARVEST DAYS"** for the Florist. Prepare to **"reap your share"** by arranging now for a good supply of Cut Flowers, Potted Plants, and all requisites.

WE RECEIVE THE DAILY CUT FROM OVER FORTY GROWERS!

And it will be worth your while to place orders with us at once. We expect to be especially "strong" in

Roses, Carnations, Peonies, Cape Jasmines, Sweet Peas, Smilax, Adiantum, Asparagus,

AND ALL "GREENS"

DECORATION DAY PRICES

CUT FLOWERS---TAKING EFFECT THURSDAY, MAY 26, 1904.

	Per doz.
ROSES—American Beauties—	
Select	$3.00 to $4.00
Medium	1.50 to 2.50
Short	.75 to 1.00
	Per 100.
Meteors, Liberty, Gates	$4.00 to $10.00
Brides, Bridesmaids, Kaiserins	4.00 to 7.00
Perles	3.00 to 6.00
Good Seconds	4.00
Our Selection, assorted	3.00 to 4.00
CARNATIONS—Extra Select	3.00 to 4.00
Good quality	1.50 to 2.00
Our Selection, assorted	1.50

Our supply of Carnations consists of all the new and standard varieties, also novelties.

MISCELLANEOUS

CAPE JASMINES, In large quantities, **$1.00** to **$3.00** per hundred.

PEONIES, **Red, Pink,** per doz., **50c to 75c**; per 100, **$3.00** to **$6.00. White Peonies,** per doz., **$1.00.**

	Per 100
VALLEY—Extra Select—	
Indoor	$4.00
Outdoor	2.00 to $3.00
MIGNONETTE	1.00 to 2.00
MARGUERITES	.75 to 1.00
FORGET-ME-NOTS	.75 to 1.00
PANSIES	.50 to .75
TULIPS	2.00 to 3.00
CALLAS	8.00 to 12.00
HARRISII and Longiflorum	10.00 to 12.00
SWEET PEAS	.75 to 1.00
White	1.00
GLADIOLI, White, per doz., $1.50,	10.00
Mixed colors, "	1.50, 10.00

DECORATIVE STOCK

	Per 100
FERNS—Adiantum	$0.50 to $1.00
Common Fancy, scarce, subject to advance, per 1000, $2.50	.30
IVY LEAVES....per 1000, $5.00	.60
GALAX LEAVES—	
Green.....per 1000, $1.00	.15
Bronze " 1.00	.20
LEUCOTHOE SPRAYS—7.50	1.00
SMILAX—	Per doz.
Select	$1.50 to $2.00
ASPARAGUS PLUMOSUS—	
Select Strings..each, 50c to 75c,	6.00 to 8.00
Sprays.....bunch, 50c.	
Sprengeri	.25 to .50
SABAL PALM LEAVES—	Per 100
Artificial	$3.00 to $5.00

Any flowers, in or out of season, if obtainable anywhere, can be had from us, whether quoted or not.

Careful packing, prompt shipment and fair treatment to all.

No order too large, none too small.

Extra select and inferior grades billed according to value.

Prices quoted are subject to change without notice.

FLOWERING PLANTS

50,000 Geraniums, Guaranteed Strictly First-class.

GERANIUMS — In bloom, according to variety, $8.00 to $10.00 per 100, from 4-inch pots. S. A. Nutt, Heteranthe, Frances Perkins, La Favorite, Double Grant, Single Scarlet and Mme. Salleroi, 3-inch, $5.00; 2-inch, $2.50, and 10 other standard varieties.

GERANIUMS — Charotte, Centaur, Dryden, William E. Gill, Grandville, Mme. Jaulin, Th. Meehan, 3-inch, per 100, $6.00; 2-inch, $3.00, and 10 other standard varieties. Ivy-leaved, 8 best varieties, 3-inch, per 100, $8.00; 2-inch, $4.00. E. H. Trego, Little Pink, Black Douglas, Mrs. Pollock, Apple Scented, 3-inch, per 100, $10.00; 2-inch, $5.00.

ABUTILON, Savitzii, 3-inch, per 100, $6.00; 2-inch, $3.00.

AGAVE—10 years, 8-inch pots, $2.00 each.

ALTERNANTHERA Aurea nana, Amona rosea, Paronychoides minor, yellow and red, 3-inch, per 100, $4.00; 2-inch, $2.00.

CANNA—Strong-rooted plants, 3-in., per 100, $6.00: A. Bouvier, 6 ft., Chas. Henderson, 4 ft., Egandale, 4 ft., Florence Vaughan, 5 ft., Mme. Crozy, 4 ft., Queen Charlotte, 3½ ft., Souv. de A. Crozy, 4 ft., Alsace, 3 ft., Alemannia, Burbank, 5 ft. Egandale, extra strong, 3½ inch pots, per 100, $7.00.

ASTERS, COBÆA, NASTURTIUM, PANSIES, and 50 other varieties of spring-blooming plants.

SEND FOR COMPLETE LIST.

WE HAVE SOME REAL BARGAINS IN PALMS.
Price-List on Application.

E. F. WINTERSON CO.

SUCCESSOR TO McKELLAR & WINTERSON,

45-47-49 Wabash Ave., CHICAGO.

J. A. BUDLONG

37-39 Randolph Street, **CHICAGO.**

WE HAVE TO OFFER FOR **Decoration Day**

A FINE LOT OF

Brides, Bridesmaids, Beauties and Meteors

ALL CLEAN STOCK OF GOOD COLOR AND FREE FROM MILDEW.

ALSO CARNATIONS IN LEADING VARIETIES.

.....PRICES.....

	Per doz.
BEAUTIES—	
36-inch and up	$3.00 to $4.00
24 to 30-inch	2.50 to 3.00
20-inch	2.00
15-inch	1.50
12-inch	1.00
Short stems	.50 to .75
BRIDE	per 100, 3.00 to 6.00
BRIDESMAID	" 3.00 to 6.00
METEOR	per 100, $3.00 to $6.00
GATE	" 3.00 to 6.00
LIBERTY	" 6.00 to 10.00
CARNATIONS—Fancy	" 3.00 to 4.00
Our selection	" 2.00
Common	" 1.50
PEONIES	per doz., .75 to 1.00
HARRISII AND CALLAS	per 100, 8.00 to 10.00
VALLEY	" 2.00 to 4.00
CAPE JASMINE	" 1.50 to 2.00

PLACE ORDERS EARLY TO SECURE BEST SELECTION.

ALL OTHER STOCK IN SEASON AT LOWEST MARKET RATES.

NO CHARGES FOR P. AND D. ON ALL ORDERS OF $4.00 OR OVER.

E. H. HUNT,

Headquarters for all **Memorial Day Wants.**

JASMINE -- JASMINE

The finest ever seen on this market, - **$10.00** per thousand.

A full line of all Cut Flowers. — Remember The Old Reliable.

MEMORIAL DAY PRICE LIST

BEAUTIES:		
30 to 36-inch	per doz.,	$4 00 to $5 00
24 to 30-inch	"	3 00 to 4 00
15 to 20-inch	"	2 00 to 3 00
8 to 12-inch	"	1 50 to 2 00
Short	"	75 to 1 00
ROSES (Teas):		
Brides, select	per 100,	5 00 to 6 00
Brides, medium	"	4 00 to 5 00
Maids, select	"	5 00 to 6 00
Maids, medium	"	4 00 to 5 00
Liberty	"	6 00 to 10 00
Perles	"	4 00 to 6 00
Golden Gates	"	4 00 to 6 00
Chatenay	"	4 00 to 8 00
Roses, our selection	"	3 00
CARNATIONS:		
Medium	"	1 50 to 2 00
Fancy	"	2 00 to 3 00
Extra Fancy	"	3 00 to 4 00
MISCELLANEOUS:		
Alyssum	per 100,	$ 25
Mignonette	"	$3 00 to 5 00
Sweet Peas	"	50 to 1 00
Daisies	"	50 to 1 00
Pansies	"	75 to 1 00
BULBOUS:		
Valley, superior	"	3 00 to 4 00
Callas	"	8 00 to 10 00
Harrisii	"	8 00 to 10 00
GREENS:		
Smilax Strings	per doz.,	2 00 to 2 50
Asparagus Strings	each,	40 to 50
Asparagus Bunches	each,	35
Sprengeri Bunches	"	35
Adiantum	per 100,	75
Ferns, common	per 1000,	4 00
Galax, green, per 1000, $1 25; Bronze,	"	1 50
Leucothoe Sprays	"	10 00
Ivy Leaves	per 100,	50

WRITE, TELEGRAPH, TELEPHONE—WE DO THE REST.

KENNICOTT BROS. CO.

Wholesale

Commission Florists

40-42-44 East Randolph St., CHICAGO, ILL.

DECORATION DAY.

Large supplies of **PEONIES,** 75c and $1.00 per dozen.

These are the popular flowers of the season and the cheapest flowers for the money.

DECORATION DAY PRICE LIST.

American Beauties—	Per doz.	**Brides**	per 100,	$1.00 to $6.00	**Calla Lilies**	per 100,	$8.00 to	$10.00
Long	$4.00 to $5.00	**Maids**	"	4.00 to 6.00	**Valley**	"	2.00 to	4.00
Fair length	3.00 to 3.50	**Gates**	"	3.00 to 6.00	**Daisies**	"	.60 to	1.00
Medium	2.00 to 2.50	**Perle**	"	4.00 to 6.00	**Sweet Peas**	"	.50 to	1.00
Short	1.00 to 1.50	**Carnations—Fancy**	"	2.50 to 3.00	**Sprengeri**	"	2.00 to	4.00
Meteors	per 100, 5.00 to 10.00	" Good average	"	1.50 to 2.00	**Adiantum**	"	.50 to	.75
Liberties	" 5.00 to 15.00	**Harrisii Lilies**	"	8.00 to 10.00	**Asparagus**	per string,	.40 to	.60

A few "Special" Roses billed accordingly. Prices subject to change without notice.

GET YOUR ORDER IN EARLY FOR JASMINE GRANDIFLORA

25,000 AT $1.00 TO $1.50 PER HUNDRED

Now is the Time to Order for

Decoration Day

No Order too Large for me to Fill . . . .

No Order too Small for me to Fill with Careful Attention . .

All kinds of Roses, also Beauties for Cemetery purposes, short stem, $3.00 per 100 or $25.00 per 1000.

CARNATIONS: Pink and White, $2.00 per 100, $18.00 per 1000.

		Per doz.		Per 100
AM. BEAUTY,	Long Stem	$3 00	**BRIDES**	$4.00 to $6.00
"	Medium Stem	2.00	**MAIDS**	4.00 to 6.00
"	Medium Short Stem	1.00 to 1.50	**LIBERTY,** Long	6.00 to 8.00
"	Short Stem	.75	" Medium	4.00 to 6.00

All other Flowers and Green Goods at lowest Market Price. P. & D. charged at cost.

Prices subject to change without Notice.

GEO. REINBERG, WHOLESALE GROWER OF CUT FLOWERS **51 Wabash Ave., CHICAGO**

POEHLMANN BROS. CO.

Wholesale Cut Flowers. 35 Randolph St., CHICAGO.

WE GROW ALL OUR OWN STOCK.

DECORATION DAY

LARGE SUPPLIES OF THE VERY BEST STOCK IN THE CHICAGO MARKET.

600,000 feet of glass. HEAVY CROPS NOW ON.

BEAUTIES, TEA ROSES, CARNATIONS, LILIES, etc.

Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.
NO CHARGE FOR P. AND D.

BEAUTIES--36-inch and up	per doz.,	$3.00 to $4.00	CAPE JASMINE	per 100,	$1.50 to $2.00
24 to 30-inch	"	2.50 to 3.00	LILIES	"	8.00 to 10.00
20-inch	per doz.,	2.00	CALLAS	"	8.00 to 10.00
15-inch	"	1.50	VALLEY	"	2.00 to 4.00
12-inch	"	1.00	DAISIES, large and fancy	"	1.00 to 2.00
Short stem	per doz.,	50c to 75c	PANSIES	"	.75 to 1.00
ROSES--Bride and Maid	per 100,	$3.00 to $6.00	SWEET PEAS	per 100,	.50 to 1.00
Meteor	"	3.00 to 6.00	TULIPS, Parrot	"	3.00 to 4.00
Golden Gate	"	3.00 to 6.00	PEONIES	per doz.,	.75 to 1.00
Perle	"	2.00 to 5.00	ASPARAGUS	per string,	.40 to .50
Liberty	"	6.00 to 10.00	ASPARAGUS SPRENGERI	per 100,	2.00 to 4.00
CARNATIONS--Standard sorts.	"	2.00	SMILAX	per doz.,	2.00
Fancy sorts	"	3.00 to 4.00	ADIANTUM	per 100,	1.00
Common and splits	"	1.50	FERNS	per 1000,	$2.00 to $3.00
			GALAX	"	1.25

Mention The Review when you write.

PLACE YOUR ORDERS

FOR NOW AND MEMORIAL DAY

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BEAUTIES—Extra long stems.....per doz., $3.00
Medium long stems.....per doz., $1.00 to 2.00
Short stems.....per doz., .50
BRIDES, KAISERIN and MAIDS.....per 100, 4.00 to 8.00
LIBERTY, CARNOT and CHATENAY..per 100, 4.00 to 12.00

MIXED ROSES—Our Selection.....per 100, $4.00
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Good Average Colored.....per 100, 3.00

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GREENS, {NEW COMMON FERNS.....per 1000, $2.00
{NEW COMMON FERNS, ex. long, " 2 50

SMILAX, Fine Strings {Per doz.}, . . . $1.50
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" " 30—36-inch	25 00
" " 24-inch	20 00
" " 18—20-inch	15 00
" " short $6 00 to	8 00
Liberties, long, select	10 00
" good	6 00
" short	3 00
Brides, Maids, long, extra select	6 00
" " good, selected	5 00
" " medium	4 00
" " short	3 00

	Per 100
Roses, shorts, our selection, per 1000, $25.00	
Carnations, fancy stock	$3 00 to $4 00
" good stock	3 00
" ordinary	2 00
" 1000 lots, common, our selection, per 1000, $15.00	
Callas and Harrisii	10 00
Valley	3 00
Galax, per 1000, $1.00	
Adiantum	1 00
Smilax	20 00

	Per 100
Asparagus Sprengeri	$3 00
" Plumosus, sprays	3 00
" " strings	40 00
Ferns, fancy, per 1000, $3.00	
Tulips	3 00
Sweet Peas	75
Cape Jessamine	2 00
Peonies, pink	6 00
" white	8 00
Daisies	1 00

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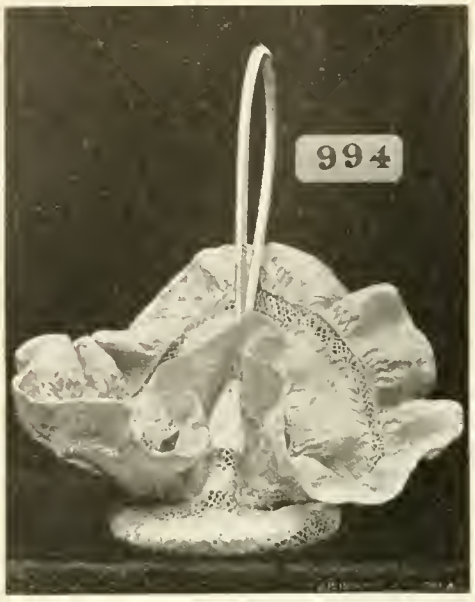

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Stems running from ½ lb. to 6 lbs.

Prices on all
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50 to 56 N. 4th St., Philadelphia.
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FRESH PALM SEEDS, guaranteed.	Seeds 100	1000	5000
Areca Lutescens	$ .75	$6.00	$25.00
Cocos Weddeliana	.75	5.00	22.50
Kentia Belm. or Forst	.50	3.00	12.50
Musa Ensete	1.00	7.00	32.00
Phoenix Canariensis	.25	1.75	7.50
Phoenix Rupicola	1.00	8.00	....
Washingtonia Filifera	.10	.75	3.00
Washingtonia Robusta	.10	.75	3.00

Asparagus PLUMOSUS NANUS,

	Seeds 100	1000	5000
absolutely fresh	$ .50	$4.00	$18.00
Asparagus Sprengeri	.20	1.00	4.00
Dracaena Indivisa	oz., 25c;	lb.,	2.00
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Smilax seed	oz., 20c;	lb.,	1.75

FERN SPORES in all leading sorts. Adiantum, Aspidium. Cyrtomium, Davallia, Nephrolepis, Pteris—SEPARATE—per trade packet 25c
5 packets, $1.00; mixed, 1 packet, 25c; 5 packets, $1.00.

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PRINGED CHINESE PRIMROSE—SELECT PRIZE STRAIN.

	Seeds—100	500	1000
FRINGED ALBA MAGNIFICA, white	25c	$1.00	$1.75
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" HOLBORN (True Blue)	30c	1.25	2.00
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PRIMULA FORBESI (BABY PRIMROSE).... .... per packet, 25c; trade packet, 50c

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Rosea, beautiful rose.... ....packet, 25c; trade packet, 50c
Alba, pure white .... " 25c; " 50c
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CINERARIA SEED.

Cineraria Stellata Hybrids, producing immense trusses of flowers in the most delicate shades of blue, lilac, lavender, white, especially adapted for....
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Address H. H. BERGER & CO., 47 Barclay St., NEW YORK.

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For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

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STAND IN FLOWER GROWERS' MARKET, 60 WABASH AVE.

PEONIES. The best for DECORATION DAY.
Our stock is guaranteed. Order of
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Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

DECORATION DAY TRADE.

The Show Window.

Preparation will be the text for today's sermon. Begin your advertising a week before Memorial day, and begin at home. There are three methods by which you can cultivate your Decoration day business. The best of all is a good window. Begin a week ahead. As a background for a window decoration, cover the bottom of the window with a liberal amount of flag bunting. As a central point in the window decoration have a stack of guns, with a large loose wreath hanging from it. Tie the wreath with flag ribbon. Set several baskets of snowballs behind the gun stack. Here and there in the upper parts of the window hang a number of different styles of wreaths. These need not be elaborate or costly, or is it necessary to sacrifice many flowers for them. Make one or two of leucothœ sprays, one of each kind of galax, one of laurel, one of ivy and one jasmines, with red and blue ribbon ties. All of these foliage wreaths may be made by braiding the stems as we as children made clover wreaths. If the wreaths are not stiff enough to hold their form, strengthen them with heavy wire, or they may be made upon the same foundation as the Christmas lycopodium wreaths.

The wreath is pre-eminently a Memorial day design. Make it of ferns, smilax, asparagus of any kind, with or without flowers, or all flowers. A foliage wreath with one bunch of flowers tied with a catchy bow will be a taking article. Others may be made with green foundation and a spray of flowers tied on extending a third or half way around the wreath. The spray can be wired on with a No. 36 wire drawn across the wreath frame in two or three places.

As to Advertising.

By a few short write-ups in your local paper encourage school children to carry small wreaths, and have your window decorations suggestive of these styles of wreaths. Learn all you can about the art of drapery. Keep one or two good-sized flags of soft material, silk if you can. Drape one in the window, and at the point where the drapery is caught draw the flag through one of your tastiest wreaths. This will make a pretty end piece for a window or a glass door.

Present the marshall of the day with one of your wreaths to be used conspicuously in the parade. See that it reaches him a couple of days before the event. This will suggest the need of more. All the old soldiers and members of the Relief Corps should carry or wear flowers of some kind. You will be called upon to make boutonnieres. One good-sized flower with a spray of green will be found most acceptable. A string of smilax of ordinary size will make three dozen boutonnieres. Cut the smilax into pieces of about two joints each, being careful in the cutting to sever the stem at the joints, thus leaving sufficient stem and saving the waste of foliage. If carnations are used, leave the stems about an inch long and wire them firmly onto the smilax stem with a single strand of No. 24 wire held in the left hand as for stemming. No tinfoil or other material is necessary.

Be Ready for the Rush.

Now as to handling the business after we have it. A week's work will be crowded into each of the few days preceding Memorial day, and in order to work to the best advantage one must keep ahead of his orders. Stuff design frames two or three days in advance, keep the top of the sphagnum moist by sprinkling two or three times, and the rest will take care of itself. Smilax and ferns can be put on the frame a day before. Sprinkle these also.

Write up express books, cards, shipping tags, all beforehand. Where one must do many different things and there are not enough people to each have a separate work, the work must be more carefully arranged. A good ready is half the battle. Have all unnecessary articles put out of the way. Clear the work room of everything but what must be used for the day. Get up before breakfast. Going into this business means a willingness to keep all kinds of hours, breaking dates for social events, and occasionally sitting up all night, as well as meals at all hours and a placid countenance above the counter withal.

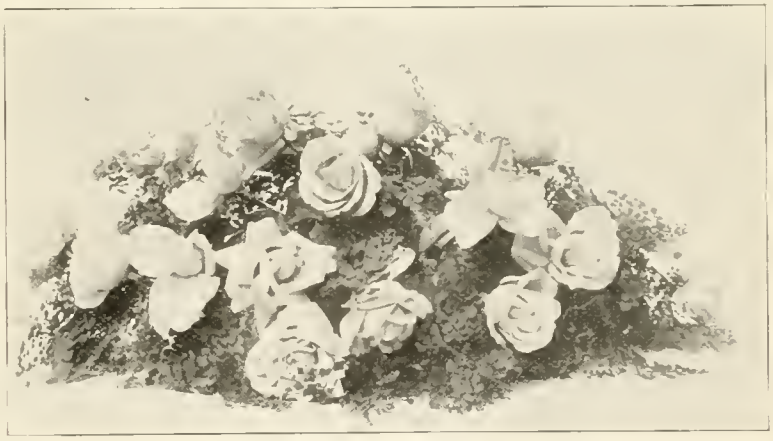
Shipping Hints.

Always advise shipping by express rather than mail. Have paraffin lined, heavy pastboard boxes, full telescoped if possible. Line the box with soft paper and pack it full. Leave no room for flowers to tumble around. Lead your local expressman to think that your boxes must be handled tenderly, but pack with the certain knowledge that a box of flowers is likely to be pitched from one end of the car to the other, and then some. Carnations may be packed end for end, that is, with heads each way, but roses should be all laid one way, unless there are enough to be packed in a wooden box and cleated across the stems. Turn rose stems end for end in a small box, and they will scratch each other. Keep all lower rose stems from contact with the flowers. In packing roses, to keep the tips of the flower from being crushed if the box is turned on end, place a thick pad of soft paper just inside of the end against which the flowers are placed. Wrap a convenient sized piece of ice in several layers of absorbent paper and pack in among the stems. See that it is secured in place, so that it cannot be tossed about and damage the flowers. If full telescope boxes are not to be had, make extra size of light wood and place either inside of the box or outside under the lid. If a smaller box is required than there is at hand, split up the larger size lengthwise, box and lid, and slip one half, sideways, inside the other, and you have a neat strong box for shipping.

For shipping designs, after finding a box which is a snug fit, run a stout twine up through a hole in the bottom of the box into the bottom of the design frame and down on the opposite side of the frame out through the bottom of the box, and up over the outside. Tie at the top. This will hold the design in place in spite of rough handling.

We use a little schedule for both shipping and city delivery for a busy day. We take a big cardboard and rule it up and down into ten good sized spaces and write large enough so that it can be read at a little distance, for when completed the card is tacked on the wall in the shipping room. The first column we head "Time," and later enter earliest order first. The second column is for the address, the third for the number of the page in the order book. The fourth is headed "Ship, call or deliver," the next "Railroad," the next "Direction," meaning the part of the city; then "express or mail," "card?" "Prepaid?" and finally "Remarks."

If all the orders are entered on this card there can be no confusion or mistake, as frequently happens when the orders are scattered over several pages of an order book which several people are using at once. GERTRUDE BLAIR.



Dinner Table Centerpiece of Roses and Adiantum.
(By E. Asmus & Co., Chicago.)

VIOLETS.

More About the Specialist.

Ed. Review: It would appear as if your correspondent was astonished that I should read his article on "the decline of the specialist." Now what is there in this to astonish anyone. I buy the Review to read. I took the liberty to take issue with the writer's views on the subject, because I did not hold the same view as he did, and if I had not read the Editor's note, that he would be pleased to have any reader present his views on any subject treated in the Review, I doubt if I would have had anything to say. As it was I gave my views and meant just what I wrote.

The writer asks me to look up the holiday reports of last year and then go back a number of years and make comparison. This is unnecessary, as the holiday price of an article does not determine whether the season's average price was a fair thing or not. There are but about six holidays in the violet season, and seven months of other days. I have been in touch with the violet market in my vicinity for seventeen years.

I have seen the Hudson river and Philadelphia product sell in the Boston market and cut quite a figure there, but of late years it is hard to give the former away and none of the latter are to be seen. The reason for this is simply that better goods are to be got at home.

The writer again brings up the atmospheric conditions. Now if we could order the weather to come just what we wanted, would there be anything in violet growing? William Sim.

[The Review is always pleased to receive from its readers statements of their experiences, whether they confirm or differ from views expressed in our columns. But discussion should always be dispassionate, else it loses wholly its value.—Ed.]

MISCELLANEOUS SEASONABLE HINTS.

The Cemetery Vase.

Decoration day, or, as it is in many localities called, Memorial day, will soon be here. In more favored climates the bedding plant business may be almost over by that busy day. In our lower lake region it only just begins then. The public know that too often we get a slight frost in the last days of May, yet there is one order that they almost all want filled: "I want my vase filled and looking nice by Decoration day without fail." We live and learn by experience and correct mistakes. Time was when we were too ready to persuade our patrons not to insist that their vases should be filled by Decoration day, that it was safer and better in every way to leave it till June 1 or 2. This was a great mistake, for while we may have avoided a great pressure of business in the last week of May, we were only putting off what could have been done then and crowding into a future week, not only the work that the busy time brought us, but that which was foolishly postponed. We are not singular and in our latitude there is more bedding out done during the first ten days of June than there is before June 1.

We have in years gone by many a time heaved a sigh about 3 o'clock p. m. on Decoration day, and exclaimed in accents more or less loud: "Well, I think there is no promised order neglected," feeling almost so much comforted that you could give the boys and yourself a quarter of a day holiday. Alas, it was but a few hours' delusion, and the real business and hard, long hours for the next fifteen days were to begin on the morrow. Every business has its trials, troubles and hard work, and few have pleasanter associations than ours. Yet when a fair month's work for a dozen men has to be crowded into one week it is trying on the boss, if not the men. The consciousness that you have not filled the order for Mrs. Patience that you put off from last Saturday till next Tuesday with her amiable acquiesence and have still been unable to keep your word is most wearing and trying on any man who wants to keep his promise, and incidentally keep his customers.

The moral of all the above is, don't put off a single order for June 2 which can be safely filled on May 29. So nowadays we fill all vase orders for Decoration day that we possibly can. We encourage our customers to have them out by that day and, although it is not the most lucrative section of the business, it is with many an important branch. There is much detail and "instruction" connected with it, and where you fill 300 or 400 vases to get seventy-five per cent off your hands by Decoration day is a great blessing and will save you much kicking, verbal grumbling and general vexation and irritation.

The Cemetery Rules.

Now just a word about the filling and care of these vases. In cemeteries that are owned by private corporations they may exclude any outside florist from entering the cemetery with plants to fill a vase or basket. These corporations cannot prevent a lot-owner taking in his own plants, purchased from whom he chooses, and as the great majority of cemeteries, both in the largest cities as well as the small, and in the thousands of pretty villages throughout the country, are owned by the community, or what is about the same thing, every lot-owner is a share-holder and the management is in the hands of a board of trustees, there are no such exclusive and arbitrary rules. They are associations with every lot-owner interested in the well-ordered maintenance of this, to many, hallowed ground.

Without rules and strictly kept many of these now beautiful grounds would become abortive conglomerations of disorder and bad taste. Again, some associations allow the lot-owners to make flower beds on their lots. This is good for the florist who has built up a business in that line, yet I must agree with the management that forbids the cutting up of the restful green sward for any such thing, or the planting of tree or shrub, except by the superintendent of the cemetery, whose knewledge, taste and judgment must decide whether a shrub or tree is needed for general effect, here, there, or not at all, and after the superintendent gets through with the planting of a newly laid out section it is invariably the "not at all" that is the proper answer to any special request. General effect is the great, or should be, desire of all who are interested in the peace and beauty of a cemetery.

Vases and Their Care.

The wooden rustic vase or basket has steadily gone out of use, for several good reasons. They quickly rot, they have to be stored in the winter unless the ground is perfectly level, there is difficulty in setting them upright and it is not very unusual to see them blown over. The wire baskets set up on stout wire supports are open to several of the same objections as the rustic baskets, but they are more durable and when lined with green wood moss the plants do very well in them, yet they are awkward to handle. The stone vases cut out of a solid piece of granite are the handsomest vases. We see the plants do well in them, providing there is provision made for drainage, which too often there is not. These granite vases are, however, very costly and only very few can or do afford to own them, so we are left to what is now ninety per cent of all the vases in use in our cemeteries, viz., the cast iron of many designs, and the great majority of these are known as the reservoir vase.

The merits or demerits of these supposed self-watering vases we won't go into. For myself I would rather have a vase with good drainage beneath the plants and faithfully watered. The reservoir vase is essentially on the sub-watering principle, a help in very dry weather, but death to the plants if the reservoir is not occasionally emptied. You don't expect to see high colors in such grounds except on the flowers and therefore most of the vases are painted either pure white or a gray or stone color. Occasionally we are asked to paint a vase green and that seems all right. We give an ordinary iron vase a coat of paint for 50 cents. If much neglected, and it needs two coats, then charge $1. This charge may seem below "union wages," but if you send two men out to paint thirty vases in a day you will have made a very fair profit. It does not require the art of a Rubens or Michael Angelo to paint a vase and you have accommodated your customers.

The iron vase has another advantage, it is always made in sections. In the fall, when the plants are no longer sightly, we empty the bowl which held the soil and return it to the vase inverted, which keeps the rain out of the reservoir and gives it the appearance of having some attention and resting for the winter. This bowl is all we have to bring to the greenhouse in the spring when filling. I can remember the time when most of our vases were filled in the cemetery and wagon loads of plants and soil and moss were carted out. It was a poor way to do, costly, usually poorly done, at the sacrifice of many plants. Bring all the vases home and you will fill them quicker, better and in every way more satisfactorily.

I can also remember when we thought it necessary to erect every spring a temporary structure of hotbed sash so as to give the vases a week's protection and start. You cannot afford to do it. Fill the vases one day, giving them the thorough and important first watering and cart them out the next.

Stock to Use.

The plants we use comprise a considerable variety. To illustrate this I might quote the dialogue that invariably occurs. The customer starts off: "Oh, I want you to fill my vase again and keep it watered." "Yes, sir, any particular style you wish?" "Oh, no, a nice assortment; I will leave that to you." In that case we should book the order as "good mixed." More often nowadays the answer will be: "Yes, I want it filled with the bright pink geranium and the edge of flowering ivy" (ivy geranium), or the order may be "all the dark, scarlet geranium (S. A. Nutt) and green vines" (green vinca) and so on. Situation has much to do with what is suitable. Where large trees often shade part of the day, and perhaps entirely, we use Begonia Vernon, tuberous-rooted begonias, fuchsias and other plants that will thrive without the sun's rays. But too shady a situation is not easily overcome and it is difficult to keep a vase looking good.

Fifteen years ago seventy-five per cent of all the vases, were filled, as we call it, in the mixed style. First a Dracæna indivisa in the center, then a few foliage plants, coleus and achyranthes and half a dozen geraniums of the most robust kinds and two or three variegated geraniums and then round the entire edge of the vase the "vines" and it would take ten to fifteen of these drooping plants to encircle the vase. And you will find that if you charge from $2.50 to $4, according to the size of the ordinary iron vases, that you give your customer full value for his money. In fact, if it was not that you use what you happen to have, clearing up your stock, there would be very little profit in this style of filling.

The drooping plants are vinca, English ivy, senecio, money vine, glechoma, ivy geranium, lobelia, sweet alyssum, Abutilon vexillarium, lophospermum, and nasturtium. If sheltered, most of the above will grow and look fairly well throughout the season, but if exposed and windy and the slightest neglect occurs, the softer plants, such as lobelia, sweet alyssum, senecio and nasturtium, soon get whipped with the wind and become shabby and infinitely worse than nothing.

Our great standby for a vine, when they are asked for, is the variegated and green vinca and for most purposes the latter, which I think is V. Harrisonii, is the best. In some cities the English is grown largely for this vase use. Somehow it never was much used here. It has the advantage, however, of remaining just as good as the day you put it in the vase. You don't expect it to grow much in its cramped position, but it is there with its tough, green leaves through wind, sun and even frost. We know of vases that have looked well filled entirely with tuberous-rooted begonias, where it was not too windy and partial shade. We fill large vases entirely with Caladium esculentum. Sometimes with all coleus and if kept properly pinched they look well in contrast to the surrounding sameness. Vases of dwarf, free-flowering cannas are occasionally seen and look well.

Wreath of Leucothoe, Galax, Valley and Orchids.
(The Work of the Late Walter Kreitling, Chicago.)

And now we come to the plant of all plants for summer decoration in a cemetery, the zonale geranium. Every year the people are learning that for brightness, durability and continuous good looks there is nothing equal to the zonale semi-double geranium and I think last year seventy-five per cent of all our vases were filled with geraniums alone, mostly one variety in a vase, occasionally with an edge of vinca, but more often with nothing. Encourage this style, for you will have less grumbling to endure, people will be better satisfied throughout the season and, what is of the greatest importance, you will get a good, round price for your plants and labor. S. A. Nutt is the great favorite with many; F. Perkins for a pink; Gloire de France for a beautiful peachblow pink; Alphonse Ricard, brighter scarlet; La Favorite for a white, and Beauty Poitevine for a salmon, and the very ancient Earnest Louth is still excellent. There are many more fine varieties, but whatever you use they should be strong, vigorous growers. Always cover the surface of the soil with green wood moss, both for appearance and as a mulch.

Watering the Vases.

Now we come to watering. I may as well speak plainly and say that where you have 200 vases or upwards there is a good margin of profit if you charge a proper price. We like to water our own vases, for then we are responsible for their welfare, and if we take good care of them the customers will come back. The least that should be charged for watering any vase is $2. We have recently learned that vases have been watered for $1. It can't be done and pay your debts.

It should be needless to say that the soil in the vases should be of the richest and compactly firmed round the plants. This vase business is laborious, yet is soon over and there is a good living profit in it if you don't try and undersell your neighbor. WILLIAM SCOTT.

BRIDGETON, N. J.—Theo. E. Edwards has the contract for the bedding plants required for planting the station grounds of the West Jersey and Seashore Railroad.

THE CARE OF YOUNG STOCK.

To the care and skill bestowed upon young stock for the first few weeks after planting and, indeed, all through the hot season, can be attributed in a great measure the sueeess or failure, financially, of the season's crop. The different operations which I am about to describe have much influence on the formation and development of the plants which have to withstand the vicissitudes of I will not call it the forcing season, but that period during which they require stimulants in the way of food and temperature in order to make them produce crops in sufficient quantity and of such a quality as will leave a handsome margin of profit. Given a good, solid foundation of growth, the after treatment is much simplified.

We all know how much easier it is in point of labor to care for a house containing robust, healthy stock than it is to look after a house of unhealthy or weakly stuff, and if we have to enter on the winter with this latter grade of stock the work and anxiety will be multiplied and in nine cases out of ten the profits and pleasure will be nil. Therefore, after planting, our efforts should be directed to get a good, stocky growth, which should be trained with the object of forming the desired percentage of flower-bearing eyes, having at the same time an eye on the question of quality. To effect this purpose great care and attention must be bestowed upon the cultivation, watering, ventilation, feeding and training of the young plants.

As I mentioned in my notes of last week, cultivation plays a very important part in the sueeessful growing of young stock and should be persisted in each week as long as is found neeessary or until the feeding roots approach so close to the surface of the soil that further cultivation cannot be practiced without causing injury.

The intelligent use of water is also of the utmost importanee and requires a great amount of study and careful observation to determine the proper amount required by the plant at its various stages of growth, also taking into consideration the varying conditions of the atmosphere, which may one day be surcharged with moisture and the next day evaporation may be so rapid that overwatering may be next to impossible. These conditions should form a very interesting course of study for the student as without this knowledge he is groping in the dark and, however clever he may be in the manipulation of the nozzle, without this knowledge his efforts may often be worse than useless.

The art of syringing properly ean only be acquired with a definite idea of the work to be accomplished, and after a long course of earnest study and practice only can he beeome an expert in the proper use of the hose.

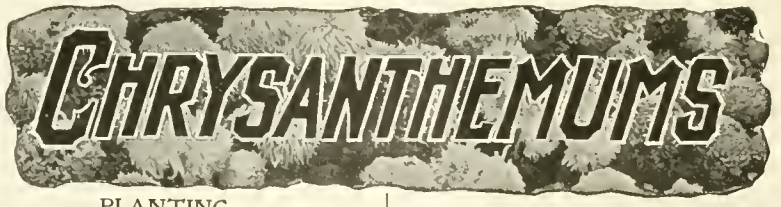
The theory and praetiee of ventilation, as understood by up-to-date growers, consists in keeping a sweet and pure atmosphere in the house. This atmosphere must at the same time contain sufficient moisture to sustain that well nurtured appearance of the foliage without which no rose, however fine the bud may be, can approach the ideal. To maintain a temperature free from all sudden and extreme fluctuations is also essential to the formation of leaves of a firm texture, which in a measure makes them immune from many troubles, such as black spot, mildew and anthracnose, which readily affect plants which have been coddled until both wood and foliage are soft and spongy and an easy prey.

During the growing period, or when roots, wood and foliage are doing their utmost in the formation of the future flower bearer, if the sod has been of the right quality and has been properly composted, they require very little feeding, especially of that kind of food which has a tendeney to produce soft, succulent wood or foliage, such as is supplied by mulching or liquid feeding. A slight sprinkling of bone meal, varied at intervals with a dusting of lime or wood ashes, is amply sufficient until the soil in the beneh is well filled with roots, when the exhausted elements will have to be supplied periodically in proper quantities.

As soon as convenient, after planting is finished, the plants should be supported and trained into position in order to give free aecess of light and air to all the eyes, so that they may be fully developed and ripen equally, keeping eaeh shoot in an upright position without crowding and allowing no braneh to trail on the bench, as the eyes formed on such wood are very productive in the formation of blind wood, which, if encouraged to start, is a hard problem for even the most experienced grower to solve after the dark weather eommences.

Grafted stock should receive a support as soon as planted, as otherwise the force of water required to make syringing effective is liable to detach the cion from the stock. The best method of supporting roses is still an open question and furnishes a field for profitable experiment. The method at present in use in large growing establishments will be discussed in my next week's article.

RIBES.



PLANTING.

Those growers who figure largely on exhibiting their flowers make a point of planting their stock this month, so as to get the benefit of a long season of growth, which is essential to the production of the very highest grade of flowers. One cannot plant in June or July and produce so fine a grade of flowers as the man who plants in May, all other things being equal.

There is one point to be considered in early planting, and that is the question of head room. You should have anyway six feet of space between the top of the bench and the glass, and even then the varieties need a careful arrangement in planting, so that the tallest are put in the center of the house. In the case of the standard varieties the heights are pretty well known, if the grower has kept, as he should, some memoranda of his plants in previous years. The new varieties offered are, many of them, quite reasonable in the matter of height. Henry Barnes is the tallest and must have lots of head room to do it justice. Next in order come S. T. Wright, Ben Wells and Maynell, with Duckham, Cobbold, Harrison Dick and Mrs. F. W. Vallis all very sturdy and inclined to be medium, and Cheltoni and Donald McLeod very dwarf. Donald McLeod I thought last year was one of the neatest growers I ever saw in a beneh, a perfect pyramid of foliage from the soil to the flower.

The question of soil when filling the benches need not, in my humble opinion, give much cause for worry. I would, personally, rather plant in soil inclined to be poor than in soil that has been made too rich. Good sod that has been stacked up long enough to rot and has had, at the time of stacking, a fourth to a sixth of cow manure with it, is about right. Bone can be added to the heap when it is being chopped down and turned over and I always liked to add a little leaf soil when I could get it.

The very best possible thing to run along the eracks for drainage is green sod turned upside down. This affords ideal drainage and as it rots the roots love to ramble in it. Fill the beneh level full with soil, then after it has been planted and firmed down it will be just about right. I may say here that I greatly prefer a beneh to a solid bed in growing chrysanthemums. In a beneh the roots are at all times entirely under control and more liquid food can safely be applied.

In planting run the rows straight down the bench, but set the plants diagonally across it, as each plant by that means

gets more room to grow and they are easier to work among. Plant the center row first as a guide, then the outer rows need no measuring to set each plant exactly the same distance apart. The distance apart to set the plants for this early planting should be not less than six inches one way by nine the other for single stem plants, and it may with profit be as much as ten inches each way if you want to raise only the very best. It may look wide at planting time, but one must think of the future, and in September, when a forest of growth has sprung up, things will look very different.

After your bench is planted make the soil around the plants solid, the quickest way to accomplish this being to put a man with reasonably small feet to tramp it down, finishing the odd corners with a brick. This firming of the soil I always considered important and the soil can hardly be made too solid, unless it is wet, and wet soil should never be worked in at all. The idea of making the soil firm is to cause the plant to make a hard, short-jointed growth, which it will not do if allowed to ramble at will in a bed of loose soil.

Once the beds are planted the doors and ventilators should be opened and kept so night and day, excepting, of course, during storms or heavy gales. Once a week the beds should be scratched over to kill the weeds as they germinate and keep the soil from getting sour. Do not neglect this simple job, for while the chrysanthemum needs lots of water when established, it does object to a sour, sticky soil and will show it by a yellowing of the foliage and a generally unhealthy appearance.

Some of the kinds will run to bud, perhaps, after planting, Viviand-Morel, W. R. Church and several other fine varieties showing this peculiarity. In such cases keep the buds picked closely off and in a short time a sucker will come up out of the soil, when the hard, old growth can be cut away and let the sucker run up to make the plant. This is invariably better than trying to coax the older, hard growth to make a good shoot.

It occasionally happens that all of the varieties will run to bud with some florists, but this is due to neglect in watering. When young plants are allowed to dry out a few times they get hard and woody, and while they often recover on being planted out, I have seen plants that absolutely refused to come away and make good growth. The obvious moral of this is, never let the plants receive a check of any kind. The culture of the mum is today well understood and the most successful exhibitors are those who devote the most time to their plants and watch them carefully from the day the cutting is put into the sand until the flower has expanded.

After planting do not shade the house, but on hot days keep a plentiful supply of moisture in the atmosphere by copious spraying and the plants will be all the better for it. If the house is shaded the growth is liable to be too soft, particularly if we get a few days of dull weather, and the thing to aim for during the summer months is a healthy, short-jointed, stocky growth, from which will come the future prize winner.

Brian Boru.

Des Moines, Ia.—Oswald Quaas has bought the greenhouses and the business of the Des Moines Plant Co.

Laelio-Cattleya Charlesworthi.

LAELIO-CATTLEYAS.

No great effort of memory is required to recall the time when flowering examples of laelias or cattleyas were scantily represented in our orchid houses during the gloomy winter period, for, with the exception of Cattleya Trianæ, on the one hand, and Laelia anceps on the other, there are few commendable species that bloom in winter. Now, however, the great blank has been filled, but the hybridists tell us that they have only just commenced, as until recently only the species which, in the case of the small yellow and cinnabar-red flowered members of the laelia family, are not very attractive, were to hand to practice upon. But now, with the resultant hybrids, greater scope, and maybe better results are anticipated. Even if nothing better than the gorgeously colored Laelio-cattleya Charlesworthi, herewith so well figured, had been produced, we should have no just cause for complaint.

Laelio-cattleya Charlesworthi undoubtedly ranks first at present by reason of its floriferous nature, size and color of bloom, freedom of growth and probably too, it having been exhibited in such generous quantities. It is the result of crossing a good form of C. Dowiana aurea with L. cinnabarina, and was raised and flowered by Charlesworth & Co. at Bradford some four years ago. The plant is compact and erect growing, furnished, when in bloom, with a stout scape, bearing from six to ten shapely flowers, which are almost wholly of a deep, rich orange-red, the lip rosy-crimson, prettily veined with yellow. When shown at the Drill Hall on January 23, 1900, it was voted an award of merit.—Gardeners' Magazine.

TULIPS.

I wish you or some other wise man of the craft would tell me what to do for blight on tulips. It appeared first on one bed last year. This year it is on other beds. The leaves appear as if scalded with greasy water; they wilt down and seem to be rotten. It comes on when the leaves are about grown and buds formed. Shall I try Bordeaux mixture or other fungicide? S. J. G.

Here is another question to which I have to reply, briefly, "I don't know." We have been looking up the best modern authorities on this long known and cultivated garden flower and cannot find any reference to any disease that is peculiar to it. And with a good many years of experience with the tulip, both for outdoor beds and forcing during winter and spring, we cannot remember ever seeing the leaves in the condition described above.

Good authorities say that tulips should not be planted year after year in the same soil. Rotation of crops, as in most of our garden products, is proper, yet that alludes chiefly to producing bulbs for flowering the succeeding year, or

where, in fact, the same stock would be replanted. If imported Holland bulbs are planted every fall, then the same bed and soil will produce the grandest results for many years. Of that we are certain from experience close at home. Far more important is the quality of the bulb you plant than the texture or richness of soil. One author says: "A light, deep loam with leaf-mold added and some thoroughly rotten cow manure" is the proper soil.

No doubt that would flower them grandly, yet the best tulips the writer ever saw bloom in this country, both for size, height, color and durability of blossom, were planted very late in November when the soil was almost the consistency of mud with rain and snow, and the soil was a heavy clay loam, such a soil as would delight a rose grower. However that was not producing tulip bulbs; it was merely flowering the strong bulb and embryo flower bud stored up by the high cultivation and scientific treatment of the frugal Dutchman.

To allow tulips to grow up through their winter protection of litter, which is usually used in covering the beds, and then from protection to suddenly expose their stems and leaves to a hard frost would be liable to hurt them. This would not be a disease, but bad management, and all covering should be off before much growth has started in the spring. The "scald with greasy water" I cannot account for. W. S.

CARNATIONS

HOUSE FOR CARNATIONS.

Will you please tell me which roof you would advise for a carnation house 22 x 50 feet that must be set east and west, whether three-quarter-span, with the long span to the south, or even span? What pitch of roof would give the best light, what height of eaves and how much glass on sides is needed? Would glass be needed on the north side? Would high beds, say a foot or more from the ground, filled to within six inches of the top with brickbats, be any improvement over wooden benches two and one-half feet high? Should there be any pipes under the benches for carnations? I am a beginner and have received much valuable information through your paper, and would thank you for this. G. W. P.

In answering the questions regarding plans for a carnation house many things must be taken into consideration. Too often too little forethought is given to what the future may bring in the way of expansion in business and the necessity of adding greenhouses in a few years. If you mean to build the one house and have no intention of ever adding another it should not be a difficult matter to plan the construction of it, but since I suppose it is to be used for commercial growing it would be poor policy to build so that you could not add onto it to advantage in the future. In going about among the greenhouses in our larger cities you will find many old places of which a birdseye view would remind you of a crazy quilt, with the houses running in every direction. In those days most of the florists started in a small way and apparently most of them had no idea of growing into such large establishments as many of them now are. The two or three little houses were squatted down wherever it seemed handiest to have them and when, after a year or two of hard work and saving, the business grew enough to demand another house and the purse was able to pay for one, it was often found that if they had expected to add to their place they would have built different houses or built on another place, etc. But another house had to be built and it again was stuck onto the original block somewhere and some way, often without any consideration for the future.

It is not so these days. When a grower plans to start a new range of glass he lays his plans for many years into the future, or at least he plans to do nothing which may hinder him in building as he finds best in the future. You can never tell how well you may prosper and it is well to set your aim and lay your plans high enough. Then, again, it is well to take into consideration what you intend to grow. Is it to be mainly cut flowers or is it to be mostly pot plants? For pot plants you do not want too large houses, but rather medium-sized ones, and more of them, while for cut blooms the tendency at present (and I think with good reason), is toward large houses, long, wide and high. These large houses are lighter and roomier than the smaller ones and with the same effort on the part of the grower will produce superior stock, but with the much necessary shifting around and the many different temperatures required by the pot plants it is necessary to have several houses and all parts convenient to the packing sheds. For pot plants the houses must each be partitioned to itself, which may in itself lead to different construction from what may be employed in building for cut flower growing.

For the latter at present the tendency is toward building with gutters raised from six to nine feet from the ground, and no partitions between the houses, except when another kind of plant is to be planted. These ranges are economical to build, and are in every way desirable, except that in localities where the snows are frequent and heavy it cannot slide off as it can from detached houses. If there is plenty of land perhaps the most desirable way to build is the long and tolerably wide house each to itself with enough space between the houses to prevent the one from shading that next to it, and a corridor running through the center from one to the other. The length, width and height of these houses may vary according to the builders' fancy, the space between the houses varying according to the house next south of it. In these houses the eaves need not be so high as the gutters in the connected range, five feet being high enough, but there should be glass in the sides both north and south. The glass should come down to a level with the top of the bed or bench, or nearly so. You can provide for side ventilators in these houses, too, which is a great advantage for most plants.

The tendency now seems to be toward the even-span roof, with a pitch of from 40 to 45 degrees, but where the houses are detached, as last described, the ridge may profitably be moved toward the north side, so that three-fifths to two-thirds of the house will be south of the ridge. This will let the sun strike the north wall from under the ridge a little earlier in the fall and keep it there later in the spring, thus giving the north side of the house better light when the days are short. This must not be done, however, when the houses are attached with gutters on account of the shade the houses will throw on those next to them on the north.

Another important point is the location of the boiler shed or pit, as the case may be. Of course, it should be on the north side of the houses and if at all possible it should be at the lowest point, so that the natural flow will be toward it from the houses. When this is the case you will find very little complaint

The Logan Berry Trained to Trellis.
(Plants in Bloom in the Upper Picture.)

about the water not returning to the boiler. I know full well that this is not always possible, but when it is possible it certainly is always preferable. The old way of running a work shed along the east or west end of the houses is a bad one. All sheds or dark buildings should be north of the greenhouses, if at all possible. And still worse than the above is the shed running north and south between two rows of houses. You can never grow as good stock in that end of the house which butts against a shed as you can fifty feet away.

This answer has lengthened out more than I intended it should when I began, but this thing of starting a new place is a subject which cannot be given too much thought and study. G. W. P. will find all his questions answered in the above, except the one regarding solid beds and benches. We prefer the solid beds and we have only a couple of raised benches left in our cut flower houses. We use cinders in the bottom of our beds and the top of the side board is about fifteen to eighteen inches above the paths. We would not care for brickbats or anything very large to fill up with, as the soil would likely wash down between, unless there could be a layer of gravel or cinders on top. Gravel is as good as anything you can get, but it costs a good deal when you have to buy it. We use the cinders from our boilers, and find them first class as a drainage, after they have lain out in the weather a few months. There should be no heating pipes laid in these beds, but arrange to either hang them all overhead or lay them in the paths. A. F. J. Baur.

THE SLEEPY ENCHANTRESS.

Having read and heard, but not witnessed, so much about the beautiful Enchantress "sleeping," thought it would not more than justify this variety to give our experience. We only have a small space, probably 200, in this variety, and with us it is second to none, in productiveness, keeping qualities and the price realized. We have kept them easily over ten days, and they would have kept "awake" a good while longer had they not caught the eye of some lover of this beautiful variety. Not only our own grown have had such keeping qualities, but have had shipments from the J. D. Thompson Carnation Co. which really astonished us. Now, can any of your readers explain why this is? Is it feeding to excess that causes them to sleep, or are they allowed to open too far? We very seldom feed. Probably we would feed more if we had the time, but would rather sleep this time ourselves than to feed to excess, and then find the carnations and ourselves all sleeping. We find that by cutting them a little over half open, they open and last very nicely. There is nothing that has taken so well in the Louisville market for many years, and we expect to plant all we can find room for. Had no special reason for writing these few words, but would like to know why the "big fellows" can't succeed, while us "farmers" are "right there with the goods."

Fred L. Schulz.

Richwood, O.—D. W. Beckley has embarked in the florists' business here, having built a good-sized greenhouse which he now has stocked with spring plants.

Utica, N. Y.—Brant Bros., the rose growers, have opened a retail store.

Fruit of the Logan Berry Nearly Natural Size.

THE LOGAN BERRY.

There seeming to be some difference of opinion as to the origin of this berry, we give the facts herewith from first hands.

The Logan berry was the result of a cross between the California wild blackberry and a raspberry, and it originated on the grounds of Judge J. H. Logan, Santa Cruz, Cal.

The accompanying photograph shows the blossom and the berries in various stages, all life size. It is a very handsome berry, but is much more acid than the blackberry, and is apt to be more useful for cooking and preserving than as a table berry. But for those uses it is unsurpassed, and is by many esteemed as a fresh fruit for the table.

We present other photographs showing the method of training the vines and the same plants when in bloom a little later. This patch contained a thirteenth of an acre and produced at the rate of a ton of fruit to the acre.

When the merits of this berry first became generally known a good deal of trash was sold by irresponsible people as the true Logan berry, in some cases most any bramble from the woods being pressed into service, and in this way the name came into disrepute. The true Logan berry is well shown in our illustration and the picture may be accepted as accurate and thoroughly representative.

Though Judge Logan is not a nurseryman and does not sell his productions, he has done considerable in the way of improving small fruits. A notable improvement in the blackberry known as the California Mammoth is a cross between the wild California blackberry and one known as the Texas Early. The fruit is fully as large as that of the Logan berry, and even longer, some specimens having measured fully three inches in length. This blackberry promises to have a great future as a table berry, as its flavor is excellent and the plants seem quite as prolific as those of the Logan berry.

WORLD'S FAIR FLORAL EXHIBITS.

The following tentative schedule for floral exhibits has been issued by the Department of Horticulture of the St. Louis World's Fair and Chief Taylor hopes to be able to make an authoritative announcement covering all of these days and three or four in addition:

May 23-28—Peonies.
May 30-June 4—Open.
June 6-11—Hardy roses.
June 13-18—Sweet peas.
June 20-25—Sweet peas.
June 27-July 2—Cannas.
July 4-9—Cannas.

July 11-16—Cut flowers (florists).
July 18-23—Cut flowers (amateurs).
July 25-30—Open.
Aug. 1-6—Gladioli.
Aug. 8-13—Asters.
Aug. 15-20—S. A. F. week general decorations.
Aug. 22-27—Gladioli.
Aug. 29-Sept. 3—Gladioli.
Sept. 5-10—Tuberoses.
Sept. 12-17—Dahlias.
Sept. 19-24—Dahlias.
Sept. 26-Oct. 1—Aquatics.
Oct. 3-8—Flower show by St. Louis Florists' Club.
Oct. 10-15—Open.
Oct. 17-22—Wild flower show.
Oct. 24-29—Natural decorations by children.
Oct. 31-Nov. 5—Open.
Nov. 7-12—Pot chrysanthemums.
Nov. 14-19—Cut chrysanthemums.
Nov. 21-26—Open.

All exhibits in these shows will be eligible to examination for awards of diplomas and medals. There is no entry charge and flowers sent with all charges prepaid, addressed to Frederic W. Taylor, chief, Department of Horticulture, St. Louis World's Fair, will be received and staged by the department without any additional cost to exhibitors. Vases and other facilities will be provided by the department.

The space assigned to the flower exhibits is most beautifully located, being on a floor nine feet lower than that on which are all the pomological exhibits. The point of view from all four sides is perfect and every effort is being made by the management to have these flower shows such great features of the exposition as to entitle them to be considered as leading attractions. This means that newspaper accounts of the exposition will give much space to them and thus secure to exhibitors the very best possible kind of advertising. Full announcements will soon be made by special circulars from the department. The chief of the department invites correspondence and suggestions, particularly with reference to whether any of the days set should, with due consideration for all the different sections of the country, be changed to advantage. Suggestions are also invited with regard to what may be used for filling in the open dates.

F. W. Taylor, Chief.

South Lyon, Mich.—Mrs. S. Calkins is conducting the South Lyon Greenhouses and Gardens since the demise of her husband, Rev. S. Calkins.

Vegetable Forcing.

THE MARKETS.

Chicago, May 18.—Radishes, 25 to 45c dozen bunches; lettuce, head, 50 to 75c bushel; leaf, 15 to 25c case; cucumbers, 30 to 60c dozen.

New York, May 16.—The week has been characterized by a general decline in prices. The heavy southern shipments force down prices on greenhouse stock, but home-grown lettuce still brings $1 to $3 per barrel.

Boston, May 17.—Heavy supplies of all kinds of produce are now coming forward and, although trade is brisk, prices are lower all around. Cucumbers are steady at $1.50 to $3 bushel; best tomatoes bring 25c pound; mushrooms scarce at 75c pound; lettuce in strong demand at 25 to 60c dozen; radishes, 25c dozen; parsley, 75c bushel. Rhubarb and asparagus are now in abundant supply from outdoors. A few hot-house grapes and peaches were noted the past week.

MELONS FOR MARKET.

The cultivation of melons in winter does not seem to have been taken up to any great extent, as an article of commerce, though in private gardens, where the greenhouse plant is of sufficient extent, more or less of them are usually grown. The private gardeners claim that this fruit is very much appreciated by their employers, and I do not see why they should not become a good, marketable article when once a trade was established for them. To make them a paying crop the price required would be higher than the average man would care to pay. This price is necessary on account of the limited amount of fruit a plant will produce. To make a comparison with cucumbers: Taking the average yield all through the season, a fair yield for a cucumber plant would be about fifty fruits where with a melon plant from six to eight would be a fair average. The average price for cucumbers, taking the season through, would be about 7 cents each or $3.50 per plant. To get a paying price for melons on the same basis, the grower would have to get about 60 cents each for them and there is no reason why fruits averaging two and one-half to three pounds each should not command that price when once a demand was created.

The cultivation of melons does not vary much from that of cucumbers; they require about the same atmospheric conditions but a slightly higher temperature. The seeds are probably a little harder to start, requiring a brisk bottom heat, but once the plants are started much the same treatment will suit both. When planting, the benches should not be filled up but the plants should be set in hills of a few shovelfuls of good, turfy loam, to which has been added about a sixth part of well-rotted barnyard manure. More of this compost can be added as the plants require it, or when the roots begin to appear on the outside of the hills. Planting thus in hills obviates to a large extent the danger from damping at the necks, to which the plants are often subject, and as an extra precaution a little finely broken charcoal should be put around the necks of the plants.

Different ideas exist regarding the method of training, but the one I have adopted is what might be called the double-stem system. For this the points of the plants are pinched out when about six inches high and two stems taken away. These are trained up to the trellis, eighteen inches apart, the plants being set at three feet. If female (or pistillate) flowers appear on the leaders they should be taken off and the lateral or side shoots depended on to produce the fruit. If only a few flowers appear at one time, even on the lateral shoots, it is better to remove them and wait until a sufficient number can be got at one time, or within a day or two of one another. Then pollinate by hand to insure a set. If only one or two fruits were set at one time they would run away with the supply of nutriment and no more fruit could be set on the plant. Fruit can usually be set on the second or third axil of the lateral shoots and once they are set the point of the shoot should be pinched out two eyes beyond the fruit, all growth appearing after that being pinched out and the leaders stopped when they reach the top of the trellis, which, to give them ample space, should not be less than five feet in height.

The trellis should run parallel with the glass and far enough away so that the foliage will not come in contact with it. A good, strong trellis is necessary to support the weight of the plants and fruit and additional support must be provided for the latter, as they attain size, as their own weight would break them loose. A sling, constructed of cords or similar material, strong enough to support the fruit will answer the purpose, but the fruit should be moved around a little occasionally, so that the cords will not mark it by its being allowed to rest always on the one place.

I prefer the English type for forcing. Of this there are a number of varieties, but the latest I have tried is Royal Favorite and I find this a very good one.

W. S. Croydon.

Rose House of Springfield Floral Co., Springfield, O., with Skinner Irrigation in Operation.

Streator, Ill.—F. L. Munson is building two more greenhouses.

NEW IRRIGATING DEVICE.

The accompanying illustrations are from photographs taken in greenhouses in which what is known as the Skinner irrigating device was in operation. The lettuce house is that of John A. Heyl, of Troy, O., and the rose house one at the establishment of the Springfield Floral Co., Springfield, O. It is a difficult matter to photograph the system at work in a greenhouse, as the water is broken up into such fine spray that it appears only as a mist, as is shown in the rose house. But the lettuce house shows the apparatus at work in particularly good shape, for the camera was above the sheet of water, upon which the sun was shining.

It is not claimed that this system will do for any or all crops in a greenhouse; certainly not where a house contains several varieties of plants, each requiring different treatment as to water. But tests show that it will be valuable where the house is planted all to one thing, particularly if it is a house which is large enough to give the water a chance to scatter. It promises to be fine for lettuce and other vegetable houses; also for rose, carnation and chrysanthemum houses, up to the point where the blooms are endangered, for fern houses and many other indoor purposes. Not only can the watering be done quickly and without labor, but an even degree of moisture can be maintained for a long period without packing the soil in the bench, if the crop likes a loose soil.

The same nozzle is used for greenhouse work as for outdoor irrigation, except that it has a smaller opening, sixty-four of these being equal to a ¼-inch nozzle. The nozzles must be placed in an absolute line on the pipe. To break the water an attachment of spring brass may be slipped on the nozzles, each being like the other, so that the water is kept in line and under control. The pipe may be easily adjusted so that any part of the bench can have more water, or so that the whole bench is watered the same. One pipe waters two benches, one on each side, but two pipes are required for each house. Brass unions and galvanized pipe must be used so the nozzles will not stop up. Any number of houses up to the limit of the water supply can be watered at once.

That the system is eminently practical for outdoor use has been already proven by many growers. Hackburn & Willett, of Newbern, N. C., used a lawn sprinkler set every twenty feet and it cost them $100 an acre for nozzles and valves. Last December they tried the Skinner patent and have since ordered 5,500 nozzles of him. Last fall a gardener at Dayton, O., equipped a small plot of ground and now many of the others are taking it up.

C. W. Ward, of the Cottage Gardens, Queens, N. Y., is putting in several acres, which will be under the supervision of the New York Experiment Station and will be tested with the ditch system. The water will be all metered and a record of soil temperatures kept.

Springfield, O.—Home and Flowers, the monthly magazine of floriculture, has suspended publication.

Tonawanda, N. Y.—J. D. Schultz has entered the greenhouse business with about 2,000 feet of glass.

The Skinner Irrigating System in Lettuce House of J. A. Heyl, Troy, O.

NEW YORK.

The Market.

The market during the past week was a repetition of its predecessor and warm weather, tremendous shipments and limited demand made it a serious proposition to dispose of the supply at any price. This condition of things was all the more to be lamented when the splendid quality of the stock was considered. Saturday saw a slight improvement and the high grades appreciated slightly in value. The present week opens with a spring chill in the air and lesser shipments, and there will be probably no cutting of rates that now prevail until after Decoration day.

Horticultural Society Meeting.

The fifth annual meeting of the Horticultural Society of New York was held last Wednesday and Thursday at the New York Botanic Garden. The annual meeting took place on Wednesday. The membership of the society is 201. Its work will be continued during the summer in the way of excursions to places of horticultural interest. The treasurer's report shows a balance of nearly $1,000 in its favor.

The American Peony Society was invited to hold its first annual meeting and exhibition with the Horticultural Society on June 8 and 9, on which occasion strawberries, roses, flowering shrubs and vegetables will be exhibited. The old officers were re-elected and John H. Troy added to the members of the council. A large exhibition is expected in June. The exhibits this year excelled those of 1903 in quality. The prize of $50 for the best horticultural novelty was awarded the F. R. Pierson Co., of Tarrytown, for its heavily crested, improved Piersoni.

Siebrecht & Son made a fine display in the plant classes, having a splendid collection of palms, foliage and flowering plants, orchids, ferns and crotons. They also exhibited a grand vase of Liberty roses and also of Killarney. This firm also showed a collection of thirty varieties of cut flowers of stove and greenhouse plants.

Weinberg & Padrock, of Woodside, exhibited succulent plants. H. T. Clinkaberry, of Trenton, showed the yellow calla. J. H. Troy had Dorothy Perkins rose and Frank Weinberg a phyllocactus. The group of Scottii ferns in 6 to 12-inch pots formed one of the most attractive features of the exhibition. Mr. Scott will have a fine exhibit of this fern at the St. Louis convention.

The lecture on Wednesday afternoon, by J. Horace MacFarland, of Harrisburg, Pa., was greatly appreciated and intensely interesting. It was illustrated by many beautiful stereopticon views, showing the unfolding of the flowers of our common native trees, the subject of the address being "Common Trees and Their Uncommon Flowers." An enthusiastic vote of thanks was accorded the lecturer. A repetition of the lecture in the rooms of the New York Florists' Club during the coming season would provide a larger and more appreciative audience.

Various Notes.

Preparations are already in progress for the great horticultural and agricultural exhibition to be given by the American Institute of New York November 8 to 17. The Herald Square Hall, the largest for the purpose in America, has been chosen for the show. Silver cups, medals and diplomas in all classes will be awarded, as well as over $4,000 in cash prizes. The special feature of the first week will be the chrysanthemum show. The directors of the Institute are exceedingly enthusiastic and are determined to make this the greatest exhibition of its kind ever given in America.

The New York Flower Market begins to look better than a dream. The proposed building will be a handsome structure. It is favored by all the city's leading officials. The market will cover a big space and will be built two stories in height, with every convenience that Covent Garden, of London, furnishes, with modern additions that will attract many branches of the trade to a representation there. Consummated, it will be a monument to John Birnie's persistency and energy.

The second Monday in June the club's last meeting until September takes place and in addition to the peony exhibit it will be ladies' night and a midsummer banquet for the fair sex will make the evening one of special interest. Provision will be made for an attendance of 300.

The route chosen for the St. Louis convention will be announced at this meeting, and there seems every probability of the usual eastern contingent attending. Some fear has been expressed as to the lack of suitable accommodations, but I am confident Brother Bencke and the balance of the big hearted Missourians will "show" the New Yorkers what rest and comfort mean, notwithstanding the disadvantages of crowds. I am confident the welcome will be warmer than the weather, and if the St. Louis brethren will announce soon the desirable and possible places of refuge selected, prior arrangements can be made.

The sympathy of the trade goes out to President Frank H. Traendly, in the death of his only boy, which occurred last week, the funeral being held on Friday, from the residence, 421 Third street, Brooklyn, to Greenwood cemetery. Many floral tokens of regard were sent by friends.

Ralph, son of J. J. Perkins, is slowly improving in health in the Adirondacks. On account of his manager's long illness, Mr. Perkins has decided to dispose of his branch store on West Thirtieth street.

The wholesalers on Monday began the early closing movement, making 6 p. m. the hour until July 1. During the summer an effort is being made to secure the co-operation of all in a half holiday concession, a scheme that could easily be made possible and profitable during July and August.

John B. Nugent, of Young & Nugent, has been ill for a week with tonsilitis, but is on deck again.

Wm. Ghormley is confined to his home in Mt. Vernon by a severe attack of rheumatism.

The three representatives of R. M. Ward & Co. have completed their season's travel and report a very successful year's business.

Bowling.

The New York Bowling Club decided at its last meeting to change the night of bowling to Tuesday evenings. The new alleys are on Twenty-third street, rear Sixth avenue, in the old Koster & Biel building, most convenient for all, and on an evening when the majority of the club members will find it possible to be present. A large turn-out of all the old members and their friends next Tuesday evening is requested. A handsome prize will be given the member making the greatest score. Some arrangement as to the members to represent the club at St. Louis will be made and the prospective challenges from Washington, Philadelphia, Flatbush and the Morris County Gardeners' clubs considered. The changes as to evening and alleys have been made to meet the wishes of the majority and every member who has any interest in the club's welfare is requested to show it practically by being at this meeting. The scores on Monday evening were creditable, the attendance light. They are as follows:

Player.	1st.	2d.	3d.	4th.	5th.	6th.
Ford	159	162	168	185	188	189
James	140	141	155	158	174	188
Frank	130	133	135	152	175	
Shaw	125	133	139	146	154	
Gibbs	127	137	148	148	151	

J. Austin Shaw.

Canandaigua, N. Y.—The Florists' and Gardeners' Society will hold its second exhibition in November. The first one, last year, was a decided success, although the weather was very unfavorable.

ST. LOUIS.

The Market.

The market situation here remains about the same as last reported. Stock of all kinds is still in great abundance. The overstock seems to be in all lines and it is very difficult to move any of the surplus. It is only with great inducements that the wholesaler can sell his stock in large quantities and at greatly reduced prices. There was a little more work on hand the past week in funeral designs and that is about the only kind of trade reported. Weddings and dinners are only on a small scale.

Roses are still very much overstocked, but of fair quality. The cool nights have mildewed some of the best stock. The price runs about the same, for the choice from $4 to $6 and from $1 to $3 for seconds. Beauties of extra quality are keeping up fine, at $2 to $2.50 per dozen. Kaiserins are good, but suffer in price with the others. The same can be said of carnations; they continue to move slowly at $2 per 100 for the very best and good stock in all varieties can be bought at $1. White, of course, sells the best; pink and red are badly stocked up and the dump pile is filled with wasted stock. Street fakirs are buying up good grades at $5 per 1,000. Sweet peas have extra fine, long stems and more in than the market calls for. Lilac, cape jasmine and valleys are plentiful and sell at very cheap prices. Harrisii and calla lilies are still abundant at $8 per 100. Plenty of greens of all kinds are in the market this week, at their usual price. Common ferns are again at their old price.

Club Meeting.

The regular monthly meeting of the Florists' Club was held Thursday, May 12. The May meeting is always poorly attended, so not many were expected, still twenty members were on hand. All committees were held over for the June meeting, as none were ready to report. A. G. Ahner, of Kirkwood, and John Connon, of Webster Grove, were elected to membership. George M. Kellogg, of Pleasant Hill; P. Roper, of the Missouri Botanic Gardens, and Adolph Brix made applications for membership. The chair appointed F. J. Fillmore, O. G. Koenig and E. W. Guy a committee to draw up resolutions on the death of our fellow member, John Young, which were as follows:

Whereas, It has pleased almighty God to take from our midst our much beloved fellow craftsman, John Young, and while bent with sorrow we humbly acknowledge His holy will, therefore be it

Resolved, That in the death of our fellow craftsman the club has lost a faithful worker and we, the members, a loving and sincere friend, and be it further

Resolved, That as a small token of respect and love for his good character and true devotion to his family and business, and welfare of those associated with him, that a copy of these resolutions be engrossed and presented to his family, and it is further

Resolved, That we extend to them our heartfelt sympathies as a body in this their hour of sad bereavement.

To Paul Roper was voted the scholarship at the Missouri Botanic Garden left vacant by Mr. Gilles, who resigned a few weeks ago. Mr. Collins, of Chicago, was the other applicant.

F. W. Ude, Jr., led a discussion on "Growing Violets," which was very interesting. This was participated in by Messrs. Fillmore, Kellogg and Dunford. In the course of the discussion Mr. Kellogg said it paid him for his trip to attend this meeting, as he had learned a great deal on violet growing and especially on the soil and watering. N. R. Cook, of Pawtucket, R. I., was a visitor and from his remarks was much pleased and glad he attended. At the next meeting of the club, June 9, there will be "something doing" that will please the members. Mr. Thompson has been requested to give us a talk on cacti and Emil Schray will read an essay on "Outdoor Stock for Summer Blooming," also Fred Ammann's paper on "Replanting Rose Stock," left over from this meeting, Mr. Ammann being away on a visit to Springfield, Ill.

Various Notes.

Phil Scott and wife, of Denver, are taking in the World's Fair. Phil expects to return home this week but Mrs. Scott will remain over with relatives for six weeks longer.

D. Newsham, of New Orleans, is back with two carloads of plants for the Louisiana state building in the World's Fair.

Frank H. Weber, vice-president of the American Association of Nurserymen, reports that he will preside over the meetings of the association at Atlanta, Ga., next month in place of President N. W. Hale, of Knoxville, Tenn., who is reported very sick and unable to attend the meeting. Mr. Weber also reports that his firm received 20,000 hardy roses last week in good condition and all hands are busy planting.

T. W. Brown, the English landscape gardener, and his assistant, R. J. Mohr, have the flower beds and lawn in fine shape around the British building. This place is one of the big attractions at the World's Fair. Harry Rieman is no longer connected with this department. Fred Walz has been retained.

Edward C. Buechel, secretary of the Reissen Floral Co., was subpœnaed to serve as a juror the past week. Mr. Buechel failed to show up in time and was fined $10 by the presiding judge. Ed claims too much business that morning.

The Mexican display of 20,000 cactus plants is almost ready in the Horticulture building. This will be a grand attraction.

Chief Hoo-Hoo is now safely in his quarters at the World's Fair. I wonder if he is any relation to our Pittsburg friend, who will be glad to see him next August.

Chief Kessler, of the landscape department at the World's Fair, states that except in a few cases no barriers will be placed on any of the lawns, only around the sunken, cascade and the big gardens near the Transportation building, where chains will be suspended as a sign, which the people will respect.

Robert Tesson is seldom seen in the city these warm days. He is too busy on his ginseng plantation at Clayton. Before the next convention in August we expect Robert to get busy.

The convention of the American Park and Outdoor Art Association and American League of Civic Improvements, will be held in the Minneapolis and St. Paul building, in Model street, at the World's Fair, June 9 to 11. Mayor Wells, Park Commissioner Aull and Prof. William Trelease, of the Missouri Botanic Garden, are perfecting arrangements for their entertainment.

One of the most notable displays in

The St. Louis Lady Florists' Bowling Club.

the Horticulture building is the display of Oklahoma, which is composed of peaches, apples, pears and grapes. One jar contains Chinese cling-stone peaches twelve inches in circumference. The display is attracting a great deal of attention.

The St. Louis Ladies.

The St. Louis Ladies' Bowling Club is making great preparations to entertain the ladies who will attend the S. A. F. convention next August. The photograph reproduced in this issue shows the ladies' organization as it was gathered for practice recently.

In the upper row are, from left to right, Mrs. F. J. Fillmore, Mrs. Theo. Miller, Mrs. C. A. Juengel.

In the center row are Mrs F. C. Weber, Miss L. Meinhardt, Miss Juengel, Mrs. John Steidle, Miss Tillie Meinhardt, Mrs. J. J. Beneke, Miss Bertha Meinhardt.

In the lower row are Miss Schnell, Mrs. Emil Schray, Mrs. D. Schnezle, Mrs. F. H. Meinhardt, Mrs. F. M. Ellis and Mrs. Carl Beyer.

Bowling.

The cold and rainy night kept some of the bowlers from attending, each team being one man short this week. The scores were as follows:

Team No. 1.	1st.	2d.	3d.	T'l.
Theo. Miller	170	176	168	514
F. C. Weber	133	138	139	410
F. H. Meinhardt	132	131	138	401
Fred Weber, Jr.	128	94	128	350
Totals	563	539	573	1,675

Team No. 2.	1st.	2d.	3d.	T'l.
C. A. Kuehn	179	174	146	499
F. M. Ellis	172	165	119	456
O. R. Beneke	165	163	166	494
Ed. Gerlach	105	123	119	347
Totals	621	625	550	1,796

J. J. B.

THE CHRYSANTHEMUM MANUAL.

Send 25 cents in coin or postage stamps to the FLORISTS' REVIEW and we will mail a copy of Smith's Chrysanthemum Manual, the up-to-date work of eighty pages, just published.

EATON, O.—S. J. Galloway reports that on the morning of May 16 frost did much injury to outdoor stock, peonies especially.

CHICAGO.

The Market.

Since last report the market has shown a very gratifying turn for the better, not that any unusual activity is apparent, but the unwieldy surplus has been cut down to something like the needs of the season and the wholesalers are no longer wholly at the mercy of the Greeks in the matter of clearing up on the staples. Several days of unusually cool weather have no doubt assisted in reducing the receipts and replanting the rose houses is well under way with many growers, which makes an appreciable difference. Buds are, of course, smaller than earlier in the season, but color is fair. There is good stock in plenty for all legitimate requirements. Carnations are shipping better than they did in the recent hot weather and there is still plenty of good stock, but the receipts are held so well in hand that all command some sort of a price.

There are still too large supplies of callas and Easter lilies and considerable waste. Valley moves slowly. Kennicott's at Carbondale, are sending in irises, but they sell slowly. Narcissi are a drug. Sweet peas and pansies are plentiful. Good lilac is slow sale; so is cape jasmine. All the other miscellaneous items are abundant, with no steady market.

Decoration Day Prospects.

All thoughts are now centered on Decoration day, which has become of very great importance in this market. Although stock has shortened up materially this week, every one expects ample supplies; a few warm days will bring on a big cut again. However, early orders are always advisable. Decoration day is essentially an occasion for cheap prices and advance quotations show little if any advance over current rates. But there are those who think the call for ordinary grade carnations may bring an advance on late orders.

It is noteworthy that where local peonies are often in full supply for Decoration day, this year we shall have to do business on the southern cut. Old Red is just coming from southern Illinois, while usually the main crop is pretty well cut by this date.

There is evident anxiety on the part of Texas and Alabama dealers to move the cape jasmines and unusually large quantities are already in the market. No matter what may turn up short for Decoration day, there will be plenty of capes, and of good quality.

Club Meeting.

The Florists' Club held its first Thursday evening meeting May 12 in the new hall, the attendance being rather light. The president appointed a committee on co-operation with the Horticultural Society as follows: J. C. Vaughan, C. L. Washburn, Leonard Kill, N. J. Wietor, John Poehlmann. The committee will have charge of the club's interests in the autumn flower show and will play an important part in making it the best show ever held in Chicago. The committee on revision of the by-laws reported lack of progress and was instructed by the chair to "get busy" before the next meeting, May 26. The new certificates ordered by the club were on exhibition and were pronounced a handsome piece of printing.

Some time ago the secretary of state at Springfield declared the club's charter forfeited for failure to file an affidavit, as required of corporations, showing that it was not a member of any trust or combination! This was not discovered for some time, but the reinstatement of the charter has now been secured by friends of the club without the reincorporation which was at first feared to be necessary.

The Fall Show.

Plans are well under way for the fall exhibition of the Horticultural Society of Chicago, the premium list for which is expected to be ready for distribution this week. As was announced in the REVIEW some time ago, the hall selected, or really three or four halls practically as one, is at the ninth floor of the Fine Arts building and Auditorium Hotel, the two buildings being connected on this floor. It seems an ideal location, even better than the Auditorium theater and at a fraction the expense, which will be a relief to those in charge of the financial end of the show. The visitors will be carried to the exhibition floor by the three large elevators in the Fine Arts building and the exit will be through the Auditorium Hotel elevators. There are two large freight elevators for the handling of exhibits. The date of the show has not yet been fixed, but it will be about the middle of November, a week after the presidential election.

Various Notes.

John Welter has leased the Jacob Phillip place at Rogers Park and will take possession about August 1. The place is now in carnations and there are 50,000 plants in the field for next season's planting, but the new proprietor expects to put the whole place in lettuce. Another Rogers Park carnation establishment recently changed hands by lease, Albert Lies taking the Paul Gaertner place. Mr. Gaertner will go into other business.

John Muir has a conservatory in course of erection at his new place at Forty-seventh and Grand boulevard. He expects to move about June 1.

The Gloede Floral Co., at Evanston, is sending the E. F. Winterson Co. some remarkable Flora Hill carnations. They

have three-foot stems, but the length is not so unusual as the strength. The plants are said to be growing in lettuce soil.

John Muno has decided to reduce his rose planting and go more heavily into carnations for next season. He will therefore keep his roses going as late as possible instead of replanting very early, as has been his custom.

J. A. Budlong expects to have his new range ready next week for planting to Beauties.

Henry Payne will soon take up, divide and reset all the plants in his big house of adiantum, 4,500 in all, giving him a surplus of divided plants to market. He will also plant some of Kasting's Croweanum.

Ivory rose is not popular in this market and several growers will discard it, among them Sinner Bros., who will also reduce their planting of Beauties and give additional space to Brides and Maids, with a few Chatenay. Emil Kunz is now foreman at this place.

Coal on track for immediate delivery is down to a very reasonable figure; demurrage is piling up on it.

Baumann & Co., dealers in florists' supplies and artificial flowers, have removed to large quarters on the fourth floor at 76 and 78 Wabash avenue, over Bassett & Washburn and E. H. Hunt. They make very attractive goods in their line and are already planning their exhibit at the St. Louis S. A. F. convention.

O. P. Bassett has returned from a stay at West Baden.

C. W. McKellar has been getting in large quantities of good outdoor violets which have sold well at 10 cents a bunch.

C. M. Dickinson, manager of E. H. Hunt's, has been at St. Paul for a few days on business.

C. W. Northrup, at La Grange, is sending Kennicott Bros. Co. some unusually good outdoor tulips and Mr. Pieser says they are selling better than the indoor crops did. They have brought as high as 5 and 6 cents.

The Andrew McNally funeral last Saturday made business for the retailers, nearly all the leading stores being represented in the very large floral display.

E. C. Amling is getting some splendid Easter lilies from Matt Mann. Better stock is seldom seen, but they are slow sale at unprofitable prices for there is much 5-cent stock in the market.

Mr. and Mrs. P. J. Hauswirth announce the marriage of their daughter, Elsa Katherine, to Walter F. Hoyt on April 2.

Poehlmann Bros. Co. is still getting in a very heavy cut.

Peter Reinberg has begun his rebuilding operations.

Visitors: J. A. Young, Aurora, Ill.; Martin Reukauf, of Bayersdorfer & Co., Philadelphia; Robert Lundstrom, Oconomowoc, Wis.; A. E. Smith, Cleveland; G. F. Crabb, Grand Rapids.

Bowling.

The make-up of the convention team will be determined by a series of thirty games, five each, Tuesday at Mussey's alleys. All members of the Florists' Club are urged to participate, as only twenty games are required to qualify. To keep up the interest, the same scores will count in a sealed handicap, the winners of which will get some handsome trophies. George Stollery is handicapper and has given everybody a show. Following are the scores of the first series, rolled Tuesday night:

Player.	1st.	2d.	3d.	4th.	5th.
Asmus	145	170	168	202	153
Balluff	165	182	196	142	155
Hauswirth	140	118	152	140	168
Scott	136	158	153	136	154
F. Stollery	179	195	137	208	165
Stevens	134	197	186	135	148
Bensch	82	120	133	100	98

PHILADELPHIA.

The Market.

The feature of the market was the sharp advance in Beauty roses at the close of last week. George Samtman had notified his customers that roses would be higher. It is probable that he counted on the crops going off about Wyndmoor, basing his conclusion on that fact only. The festivities attending the coaching parade last Saturday, the visit of our president's daughter—no, Roosevelt's not Westcott's—and other things brought good demand and higher prices sooner than anticipated. Sweet peas and valley have also been in very fair demand. This week the general tone of the market is rather dull, and on Wednesday Beauties were lower. There are more poor flowers about than heretofore. The street men are active, snapping up bargains at a great rate.

Wyncote.

Visiting Wyncote when the genial proprietor is away seems much like witnessing the play of Hamlet without the prince. While everything looked neat and orderly as always, one couldn't help feeling there was something missing when the genial smile and homely story of Joseph Heacock were not there. A hurried look through showed the great Beauties producing their last crop of specials before the annual house cleaning. A house of Liberty was not staked, but the plants kept off the walks by wires run along the edge of and above the table. The foliage on this variety was exceptionally luxuriant, promise of a good crop of bloom. A 250-foot house full of palms was a fine sight, the plants being tall and bushy, of good color and shape. The carnations were loaded with buds, looking fit for much work yet. A feature of this place is the side ventilation, freely used in mild weather during the day, both on carnations and roses. Much importance is attached to this form of ventilation, and to it may be due in part the general good health of the plants always noticeable. Thomas Cartledge once urged me to visit this place, saying it was the most economically heated place he knew. This is most true. With the houses compactly built on the side of a hill with southern exposure, the sun has full power, cold north winds are cut off and steam heat ascends easily to the house farthest from the boilers.

Various Notes.

Leo Niessen believes that there will be a good supply of peonies, as well as of choice greenhouse flowers, for Decoration day. There is no question that the demand in the city for that day is steadily increasing.

It is curious how much commotion the little word "the" can make.

H. Bayersdorfer will sail for Europe, Tuesday, May 24, on the good ship Kaiser Wilhelm, on his annual business trip in search of the best novelties and standard supplies that the market affords. Mrs. Bayersdorfer will accompany him.

Barnes & Lolland sold the property consisting of about six acres of ground, residence, 30,000 feet of glass, buildings, plants, etc., belonging to Edwin Lonsdale at public sale on Monday. The place was bought by John Burton for $12,600.

Dr. Henry Skinner delivered a lecture before the Pennsylvania Horticultural Society last Tuesday evening on "Insects and the Architecture of Their Homes."

Stephen B. Green, of M. Rice & Co., has lately returned from a successful business trip through the country. He found that Easter had proved generally satisfactory. The florists whom he met felt encouraged in spite of the heavy fuel expenses of the winter.

Robert Craig & Son have been awarded $17,000 damages against the city, due to the opening of Fiftieth street from Market to Chestnut street.

Though busily engaged with shipping orders, Edward Reid made time to name the best varieties of carnations from a wholesaler's point of view. White, Flora Hill; pink, at this season Mrs. E. A. Nelson; scarlet, in general cultivation G. H. Crane. He believes in Mrs. Lawson when cut tight, and in Enchantress. He thinks it very important that carnations should be picked before the sun is on the houses at this season.

Fred Foulds, son of Thomas Foulds has taken the place of Albert Knapper at Ambler. The latter will remove to Germantown.

C. W. Cox is sending in the first Centaurea imperialis.

W. L. Edwards, of Norwood, is sending in fine candytuft.

H. Bayersdorfer & Co. state that they have sold more wheat sheaves in the past month than in any previous year. They have been working overtime to keep pace with the demand for metal wreathes.

George F. Krueger, of Narberth, died on the morning of May 18 at Bryn Mawr hospital, as the result of a cut received on Tuesday.

Bowling.

THE REVIEW is indebted to W. R. Gibson for the score of the games played in Washington May 6. These games decided the Kramer cup contest in favor of Philadelphia, as described in this column last week. The cup has been on exhibition at Pennock Bros.' handsome store and has attracted much attention.

Philadelphia.	1st	2d	3d	T'l
W. R. Gibson	214	183	123	520
B. B. Starkey	156	146	155	457
D. T. Conner	149	172	165	486
Wm. Graham	172	192	165	529
Sam'l Dunlap	216	173	165	554
Totals	907	866	773	2,546

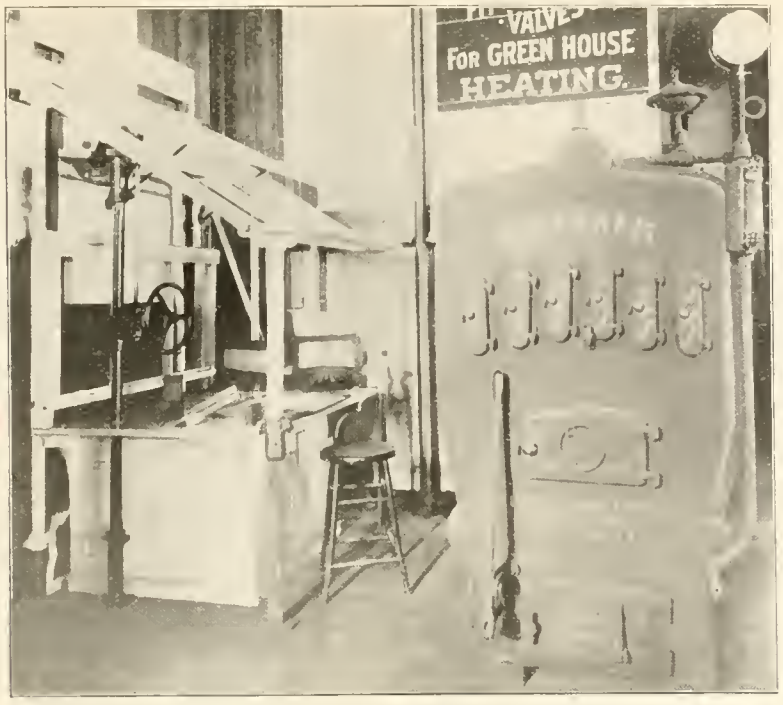
Washington.	1st	2d	3d	T'l
Cooke	168	179	122	[illegible]
McLennan	166	140	147	453
Shaffer	169	172	168	[illegible]
Field	139	181	184	504
Ernest	157	170	131	458
Totals	859	842	752	2,453

Baltimore.	1st	2d	3d	T'l
Richmond	166	143	140	449
Hallday	121	155	150	426
Lehr	145	97	119	361
Krehr	127	189	174	490
Seybold	135	132	152	419
Totals	694	716	735	2,145

A Puzzle.

I have been asked to tell,
As one who ought to know,
Of those who sort and sell,
Where loves the "biz" to go.

'Tis very queer, I'm told,
Pennock, the Market, Reid,
And Leo Niessen, bold,
All claim best to succeed.



Office and Exhibit of D. T. Conner, of Lord & Burnham Co., in the Flower Market, Philadelphia.

Bernheimer, Edgar Co.,
Baker, Berger Brothers,
Smile meaningly, and so
Evince that there are others.

Four more commission men
Also move on apace;
One cannot rhyme them when
Judging this thrilling race.

I've thought for many hours,
And now the victor know:
"He who sells the flowers
That bring the largest 'Dough.'"

PHIL.

MADISON, N. J.

Fall Exhibition Planned.

The Morris County Gardeners' and Florists' Society, at its meeting May 11, decided to hold its ninth annual show on October 27 and 28. The schedule is arranged and copies may be had from the secretary of the society, S. Redstone. While all the regular classes are well taken care of, there are some special prizes worthy of attention. Among them are prizes offered by Messrs. Henderson and Thorburn for vegetables, a prize for carnations from Messrs. Farquhar, of Boston, and other specials from Stumpp & Walter, Pierson-Sefton Co. and others. The date is set rather earlier than usual, owing to the fact that several of the largest exhibitors of chrysanthemums, notably Messrs. Herrington and Duckham, are already laying their plans to attend the National Chrysanthemum Society's show in Boston and it was deemed advisable not to conflict with the larger organization in the matter of dates.

Own-Root Roses Preferred.

At this meeting, after the regular order of business had been disposed of, the society listened to a talk on roses by J. Rusicka, who handled his subject in a very masterly way. In an organization composed so largely of rose growers, it goes without saying that considerable discussion ensued and probably the most interesting point brought out was the fact that the growers in this section are a unit in saying that own-root stock, when proper selection of the cuttings is made, is superior to the grafted stock. Grafted roses have been largely tried and careful comparisons made, and today the growers have all gone back to the own-root stock. It is not, however, to be inferred by this that own-root stock is preferable to grafted everywhere. It is well known that in certain sections the grafted stock shows a marked advantage, but apparently every grower has to work out his own salvation and decide which best suits his soil and climatic conditions.

Rose Growers Pessimistic.

I find in this section a very pessimistic view of the wholesale rose growing business. Just at present the output daily is enormous, the quality never better at this season, and the prices never worse. It is generally conceded that the man who has paid his coal bill and all other expenses and broken even is a lucky man this year. Prices have been wretched in New York all the winter and the weather being so unprecedentedly cold has simply meant that the small margin of profit has been wiped out. I hear no talk of building operations anywhere and the man who would enlarge in the face of the present conditions, as prevailing here, would be indeed an optimist. One by one the small, older establishments are falling by the wayside and many of the remaining places are for rent. Whether next winter will show any improvement in prices remains to be seen. One thing is certain, if it does not improve, many of the craft will find themselves in financial difficulties. VISITOR.

PHILADELPHIA.—Charles Bond, an English gardener, has succeeded Alphonse Pericat as head orchid grower for Mrs. G. B. Wilson.

BUFFALO.

A Good Week.

From various causes, business was quite brisk last week and cooler weather shortened up supplies. Opening of stores, big and little, went on, so altogether it might be called a healthy week. There has been a great scarcity of pansies this spring and because there are scarcely any to be found the demand has seemed great. Winter killed, is the cry.

Club Doings.

The annual election of officers of the Buffalo Florists' Club, followed by a banquet, was to have occurred on Tuesday last. The banquet did occur all right, but the sticklers for adhering strictly to the constitution and by-laws would not hear of an election, as that must take place on the first meeting in March. So, much against the desires of several of the present officers, they will all hold over to the next legal date of election. The unwisdom of putting off our annual gathering till the busy month of May was clearly shown in the limited attendance; few of the rural members were in. Yet that good and faithful Charlie Guenther was on hand and so was Fred Lewis, from Lockport. If the gathering was small it was mighty select and the committee of arrangements had done its full duty. The decorations were fine and the menu was choice, tasty and in great variety. The orchestra played sweetly and their repertoire included many old favorites as well as the very latest, such as "I Am Wearing My Heart Away for You" and "Bedelia." John Pickleman and Louis H. Neubeck sang several comic songs in German, which were much enjoyed by those familiar with the Teutonic language, but as the writer has dropped German and taken up Corean he would have better appreciated these efforts in the Yiang Chiang lingo.

I am not going to inflict on you any long account of the exercises. Mr. Kasting, as chairman of the banquet committee, rapped for order and then installed the president, W. S., as toastmaster. Now we know several young men and perhaps old ones, too, who absent themselves from these pleasant affairs just because they are afraid they are going to be called upon for "a few remarks." So the toastmaster announced that he would only call on three or four for speeches and the rest would have to be volunteers, with a song, a story or anything that they liked to offer, as long as it was fitting the occasion and becoming the dignity of a florist. Long before the set speeches were concluded James Buxton contributed a solo, instrumental, called the hand and leg banjo. He said he saw it on the Columbian Midway. Mr. Kasting, D. B. Long, Charlie Keitsch and Louis Neubeck all made good, sensible talks and then there were very good volunteers. G. Stafflinger, who has lately been appointed superintendent of Holy Cross cemetery, surprised us with his eloquence and up-to-date ideas of cemetery management. His talk was lively, even if it was rather a dead subject. It was a most enjoyable evening and there is little excuse for several vacant chairs. It is selfish and wrong not to support the local club and a new baby or new business is no excuse for your absence on this one night when all should meet. One word more. Let

no visiting florist come to town and fail to see the building, the conveniences and spacious halls and rooms in W. F. Kasting's new quarters, and there is where the festivities were held.

A Visit to Fredonia.

The writer paid a short visit to the pretty village of Fredonia one day last week and if it had not rained continuously he might have called on several more florists than he did. It is vineyards every way you look, not attractive at this time of year, yet beautiful and rich when Concord's purple clusters load down the vines in October. I remember some fourteen years ago quoting figures that were given me which were to the effect that this famous grape belt extending from Silver Creek, N. Y., to Harbor Creek, Pa., shipped in one season 2,900 car loads of grapes. Those figures would look small now. Last fall I believe there were more than 9,000 car loads. Fredonia has also large canning factories and they have brought a numerous foreign population and as foreigners have to eat and wear clothes it has stimulated other lines of business, including the doctors', undertakers' and florists'.

We called on Edward Button, on West street, who last year built two houses, each 20x100. They are most substantially built. Carnations mostly occupied the benches till Easter and now they are largely filled with a fine lot of geraniums and a good assortment of other bedding plants. Mr. Button is sufficiently encouraged that he will shortly begin the erection of another 125-foot house and other improvements.

A walk through the pretty cemetery soon found us at the houses of James Larder, who, besides his florist business, is the superintendent of the cemetery. He has added several houses since I last visited him. It's strange to see old Lizzie McGowan carnation grown, and yet there it was with loads of flowers. Mr. Larder says Lizzie must now go. Genevieve Lord, Flora Hill, The Marquis and, of course, the indispensable Lawson were the principal benches. Fredonia is not only blessed with a mild climate, escaping the late spring as well as early fall frosts, but also with a splendid loam soil on gravelly subsoil and the carnations and even the geraniums show the quality of their soil. Mr. Larder has 10,000 zonale geraniums in 4-inch pots in very fine order and he knows the varieties to grow, which were S. A. Nutt, John Doyle, a splendid bedding scarlet, F. Perkins, Gloire de France, Jean Viaud, La Favorite, the double white, and the splendid old Beauty Poitevine. The raising of vegetable plants is quite an item with all the Fredonia florists and 100,000 tomato plants were being handled at this place.

Now if it had not rained I might have had a longer story to tell you. So in conclusion I want to say that I noticed with regret the ravages of the past winter. Dozens of fine Irish junipers ruined and the English ivy killed, and these are only trifles of what the losses are in less favored localities. Landscape architects sit in their cozy offices and draw pretty pictures and when these plans are executed they include English ivy and holly and tree box and other plants and shrubs that have as much chance of living with us, through such a winter as the last, as a turned loose canary bird in northern Siberia. Strange to say, the rhododendron, a complete failure in Buffalo, grows and flourishes in favored Fredonia. Yet they don't seem to know it, for you see but a few of this most gorgeous of all hardy flowering shrubs where it thrives. W. S.

PITTSBURG.

The Market.

This market is receiving great numbers of all kinds of flowers. Roses and carnations of very good quality are accumulating in large quantities and can be bought at one's own figure. Lilies, which have been so plentiful since Easter, are now good sale. Callas are in oversupply. There are plenty of very fine sweet peas for everyone. Pansies are also very plentiful. Violets are now a thing of the past. The demand for Beauties is limited. Quantities of outdoor flowers are arriving.

Various Notes.

Last Sunday we experienced some very cold weather; the temperature went down to 41 degrees. A light hailstorm passed over this section but did no damage.

The Pittsburg Cut Flower Co. is receiving large quantities of new ferns.

Good prospects for June are in sight, many weddings, and quite a number of good-sized orders are placed for decorations. Randolph & McClements have several very large wedding decorations for next month.

John Baldinger, of T. M. Ulam & Co., is serving as a juror in the United States court.

The sale of bedding stock is very slow, as outdoor planting is still limited, due to the cold and backward spring.

Carnations in this section are all in the field, and the long needed rain came last Saturday and Sunday.

C. T. Siebert has a fine lot of geraniums and miscellaneous bedding stock which he grows exclusively for his retail trade.

Miss Carrie Jordon, saleslady for John Foss, Pittsburg Market, is seriously ill with typhoid fever.

Ernest Zieger, who has been confined to his home, is about again.

On Friday, May 13, Walter S., son of Mr. and Mrs. Charles F. Gass, died at his parents' residence, Gass avenue, Allegheny. Mr. Gass was in his twenty-second year. The craft extend their sympathy to the bereaved family.

Christ Niehter, who is with Patrick Maier, Millvale, has the sympathy of all in the loss of his wife last Wednesday. Hoo-Hoo.

CINCINNATI.

The Market.

Business last week reminds one very much of a nightmare. It was just about as bad as one can imagine it. Flowers of all kinds were coming by the wagon load, and the demand was so small that after all orders had been filled you could not notice where they had been taken from. As a consequence prices fell till they reached bed rock and then it became virtually impossible to move the surplus, even by giving it away. The demand had about as much life as it has in mid-summer and at times even less. Friday and Saturday trade took a spurt and the general cloudy atmosphere was gradually dispelled, until by Sunday the market had been pretty well cleared out and prices were again in a fairly healthy state. The May music festival, several large receptions and also a great number of funeral orders, helped to bring order out of the general depression.

Beauties had the call and sold out fast. Sweet peas also went well. Lilies, though selling at very low prices, were cleared out. Carnations came by the thousands, and buyers got them at their own figures. Roses were mostly of very poor quality, and sold correspondingly low. Lily of the valley sold well and there was not enough for all orders. Outdoor flowers are fine this year and they helped to hold the price of greenhouse flowers down. Peonies are growing fast and it looks as if they will be over before Decoration day.

Various Notes.

The regular meeting of the Florists' Society failed to come off, owing to there not being a quorum present.

Jas. Allan has been confined to his bed but is now better.

Wm. Mann has severed his connection with the Ohio Cut Flower Co.

W. A. Chalfant, of Springfield, Mo., was a visitor. C. J. Ohmer.

WASHINGTON.

The condition of the cut flower market is fair for this season of the year, but stock is plentiful and prices moderate. Gude Bros. seem to have no end to the supply of Beauties, and their stock is certainly fine, specials bringing from $3 to $8, while ordinary grades realize from $2 to $5, retail. Brides, Bridesmaids and Kaiserin are somewhat smaller, and only moderate prices prevail. Carnations are still plentiful, but generally of very good quality. Bedding stock is offered in large quantities and finds ready sale at good prices.

The Washington Florists' Club held its first meeting on the night of May 4, about fifty members being present. From the tone of the meeting it was evident that Washington certainly needs a Florists' Club. Wm. F. Gude was elected president, F. H. Kramer vice-president, Peter Bissett secretary and Wm. H. Ernest treasurer. A committee was appointed to wait on the commissioners to inquire further in regard to the payment of licenses by the florists of the city. A committee was also appointed to meet the delegations of Baltimore and Philadelphia florists who paid us a visit May 6.

On that evening, after giving the visitors a car ride to the Congressional Library, all adjourned to the Rathskella for lunch. After lunch one of the largest automobiles was pressed into service for a sight-seeing tour of the city, after which came the bowling contest for the Kramer cup, which was bowled on the Rathskella alleys in the presence of a large number of the craft. The score was: Philadelphia, 2,546; Washington, 2,453; Baltimore, 2,144.

After the contest all gathered about the banquet board at Reuter's Hotel and made merry until a late hour. Wm. F. Gude acted as toastmaster and Mr. Kramer, of the local team, presented the cup to the winning bowlers. The center of the table was adorned with a huge vase of Beauties contributed by Mr. Gude. H. B. L.

Boothwyn, Pa.—Williams Bros. have planted out 30,000 carnation plants and the stock is in good shape.

ORDERS FOR

DECORATION DAY

WILL RECEIVE OUR VERY BEST ATTENTION.

PRICE LIST
— FOR —
DECORATION DAY

BEAUTIES

	Per doz.
Stems, 24 to 36 inches	$3.00 to $4.00
Stems, 20 inches	2.00
Stems, 15 inches	1.50
Stems, 12 inches	1.00
Short Stem	50c to 75c

ROSES

	Per 100
Brides and Maids	$4.00 to $6.00
Liberties	4.00 to 10.00
Golden Gates	4.00 to 6.00
Kaiserina	4.00 to 6.00
Roses, our selection	3.00

CARNATIONS

	Per 100
Select, all colors	$2.00 to $3.00
Large and Fancies	$3.00 to 4.00

MISCELLANEOUS

PEONIES, per 100,	$6.00
Cape Jasmines, per 100, $1.50; 1000,	10.00
Callas, per doz.,	$1.25 to 1.50
Harrisii, per doz.,	1.25 to 1.50
Sweet Peas, per 100,	1.00
Forget-Me-Nots, per 100,	1.00
Valley, per 100, $2.00 to	4.00
Marguerites, per 100, 50c to	.75
Mignonette, per doz., 25c to	.50
Poet's Narcissus, per 100, $1.00 to	1.50
Yellow Daisies, per 100,	1.00

DECORATIVE

Asparagus, per string, 40c to	$0.50
Sprengeri, per 100, $3.00 to	6.00
Galax, Bronze, per 1000,	1.25
Galax, Bronze, per 100,	.20
FERNS, per 1000, $4.50; per 100,	.50
Adiantum, per 100,	1.00
Smilax, per doz.,	2.00
Leucothoe, per 100,	1.00

SUBJECT TO CHANGE WITHOUT NOTICE.

Store open from 7 a.m. to 6:00 p.m. daily.

IT IS OUR AIM TO MAKE OUR PLACE at all times the most reliable source of supply in Chicago. We have large resources at all seasons. For DECORATION DAY we shall be particularly well equipped, and shall be able to take care of all comers. Among other items we shall have:

PEONIES The favorite Flower for Decoration Day. Big show for little money. We expect to have enough for all. White, pink, red; best sorts.

TEA ROSES Our growers are sending in heavy cuts. Stock averaging up with the best now in market. Brides fine; Maids of good color.

CARNATIONS All the leading varieties in large supply. Fine stems, good flowers, colors holding well. A very good grade of goods at prices quoted.

VALLEY, PEAS Choice Valley all the year 'round. Large supplies of Choice Sweet Peas.

GREEN GOODS This is one of our specialties. Practically inexhaustible supplies of ASPARAGUS, long, heavy strings. SMILAX and SPRENGERI. Let us have your orders.

CAPE JASMINES Alabama Grandiflora stock, much larger flowers and longer stem than the ordinary variety. Crop unusually good this year.

FERNS We still have a small quantity of the true Berkshire stock in cold storage and coming out in fine shape; 1000, $4.50; 100, 50c. "Snow Birds," $3.00 per 1000, 35c per 100.

We can at all times supply everything which is to be had in the Chicago market. We keep enlarging our facilities just a step ahead of the increase in our business, and are at all times ready to meet new demands upon us. Write, telegraph or, better yet, telephone.

E. C. AMLING,

32-34-36 RANDOLPH ST., CHICAGO, ILL.

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

Long Distance Phones Central 1978 and 1977.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 201 West 135th Street.
J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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CHAMPAIGN, ILL.—Thomas Franks will add four houses to his establishment this season.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Retail greenhouse; establishment 7 000 ft. in the best part of city, with or without stock. Address Drake, 4th ave. and Lake st., Minneapolis, Minn.

SITUATION WANTED—By young man 19 years old, with some experience in retail store work; best of references; state wages. Address No. **139**, care Florists' Review, Chicago.

FOR SALE—Or rent, wishing to retire from business, I offer my splendid place as above, consisting of 8 houses, about 15,000 ft. of glass, with stock and good will, situated on one of Louisville's finest residence streets; everything can be sold at retail directly from the greenhouses; fine large potting shed, from which all houses can be entered; no more conveniently arranged place in the country. Address Wm. Mann, 1947 Brook st., Louisville, Ky.

SITUATION WANTED—As foreman by a first-class grower of cut flowers and plants, capable of managing a large plant and handling help and having the work done in a practical way; a life experience in leading places; first-class references. Address Capable, 1323 Vine st., Philadelphia, Pa.

WANTED—Mauagement of retail store or position as head designer; experienced; steady; references. Address R. H. No. 458, Normal, Ill.

SITUATION WANTED—By competent grower of roses, carnations and general stock, to take charge; married; fifteen years' experience; state wages; references. Address No. **135**, care Florists' Review, Chicago.

FOR SALE—House of 11 rooms with all modern improvements, small stable, 2 acres of ground and modern three-quarter span greenhouse 20x200; heated with No. 8 brick set Furman hot water boiler (boiler of sufficient capacity to heat another house), all in first-class condition; this property located in Billerica, Mass, can be sold on easy terms; owner would like to sell to first-class violet grower and arrange to take the product of the house. Address Box 15, Billerica Mass.

FOR SALE—Cheap for cash, a well-paying florist business 4 000 square ft of glass, in city of 18 000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—Having decided to change to steam we offer one No. 1 Kroeschell boiler 7 years old, new flues and flue head 1 year ago; one No. 3 Kroeschell boiler almost new; one Phelps Ideal hot water heater, a good cheap heater to put in for safety; six 4-inch gate and angle valves; six 2½-inch gate valves; a large number 2½-inch and 4 inch screw fittings, all good as new; also three closed expansion tanks with safety and air valves. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR SALE—Eight-inch Ericsson gas engine, in good working order; price $50 00, f. o. b. New York; cost $175 00 new. E. B. Edwards, 7 West 107th st., New York City.

WANTED—Help, first-class rose grower to take entire charge rose section; comfortable position, $15 00 weekly, to competent man; locality, suburb of Toronto; references required. Miller & Sons, Bracondale, Canada.

SITUATION WANTED—By young man with 10 years' experience in roses, carnations, mums and bedding stock. Address No. **136**, care Florists' Review, Chicago.

SITUATION WANTED—By June 1, as working foreman, by active, practical florist; No. 1 grower and propagator of roses and caruations; knows thoroughly the different matters as to climate and soil in different places; is able to grow strong clean plants and to produce the best color and largest flowers; knows the cultivation of most articles used in fine flower stores, as pot plants (azaleas, begonias, hydrangeas etc.), bedding stuff, forcing lilac, bulbs; knows how to bring in things at the right time; good designer; now with one of the best rose growers in Chicago; 16 years' experience; good references from first-class growers; state particulars. Address No. **137**, care Florists' Review, Chicago.

WANTED—By May 1, a florist who understands growing roses and carnations; must be thorough and reliable. Address Mrs. J. P. Church, Roswell, N. M.

WANTED—A practical carnation grower at once; reference; good wages and steady employment to good man. M. Weilaud, 1917 Maple Avenue, Evanston, Ill.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—A young man as assistant in greenhouses, must have had experience in general work; be sober and industrious, and able to assist in office at design and floral work; give references and state wages wanted without board. Address No. **134**, care Florists' Review, Chicago.

WANTED—At once, a reliable florist to take full charge of 15,000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 220 Madison St., Ottawa, Ill.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana uatural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. **133**, care Florists' Review, Chicago.

FOR SALE—Cheap for cash—Florist establishment about 10 miles from New York. Three greenhouses, 7,000 feet of glass; 300 sash; hot air pump; tank; all improvements; cottage, 13 rooms; 5 acres land; heated by hot water; carnations and bedding plants sold at retail. Apply No. **132**, care Florists' Review, Chicago.

WANTED—At once, for new range of houses a young man with experience in roses and carnations; wages $10.00 a week to start with; excellent chance for advancement; liberal treatment; give references and particulars in first letter. Address Clinton Falls Nursery Co., Greenhouse Dept., Owatonna, Minn.

WANTED—By Sept. 1st, a second-hand boiler either a Kroeschell No. 1 or 2, or a Hitchings No. 16; must be in good condition and cheap; also some 12-inch D. S. glass. Address S. Stough, Box 739, Wichita, Kansas.

SITUATION WANTED—By a thorough practical man as manager or foreman on place where first-class roses and carnations are in demand; has complete knowledge of general line of plants, also vegetables; now foreman on a large place in one of the Middle States; state salary and full particulars in first letter; married, no children. Address No. **122**, care Florists' Review, Chicago.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

Situation Wanted

As Manager or Foreman of place of 75,000 feet of glass or more where roses for cut flowers are a specialty.

Address No. 138, care Florists' Review, Chicago.

FOR SALE

On account of my manager's illness, my Branch Store and Fixtures. Best section of West Thirtieth Street, only three doors from Broadway. Suitable for Wholesale or Retail Florist. A bargain to an immediate purchaser. Write or call on

J. J. PERKINS,
115 W. 30th St., NEW YORK.

Mention The Review when you write.

To The TRADE.
Take Warning.

Pay no claims or accept any orders from C. B. Knickman for the Ozone Park Nurseries, as he is no longer connected with this firm.

OZONE PARK NURSERIES,
Ozone Park, L. I., N. Y.

To Ivy Growers

WANT TO BUY at once all the Ivies I can get hold of. Write or call. Will be to your advantage.

Charles Millang,

—59—
West 29th St., **NEW YORK.**

WANTED

FICUS and BOSTON FERNS

WRITE, STATING SIZES, QUANTITIES and PRICES FOR IMMEDIATE ORDER.

Geo. Wittbold Co.

1657
Buckingham Pl., **CHICAGO**

Mention The Review when you write.

Grandiflora Cape Jessamine Buds for Decoration Day.

Play safe and give me a part of your orders. Largest stock in the U. S. Prompt service on time orders. Long experience. Most extensive trade.

Season open now and will continue until June 10.

STANDARD PACK 75c PER 100; $6.50 PER 1000.
500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Tex.

NOTE — Orders from States East of Ohio should be sent by wire. Do not telegraph after May 24th.

Mention The Review when you write.

Cape Jessamine Buds

CAN BE SHIPPED ANY DISTANCE WITH PERFECT SAFETY.

75c per hundred or **$6.50** per thousand f. o. b. Dallas. Terms Cash.

TEXAS SEED & FLORAL CO.
DALLAS, TEXAS.

Here Is What You Want!

	Per 100
Geraniums—Leading var., mixed 2 and 3-inch stock	$2.25 and $5.00
Salleroi Geranium—2-inch	2.00
Petunias—Fine plants 2½-inch	2.50
Ivy Geranium—Choice varieties, mixed 2 and 3-inch pots	$2.00 and 4.00
English Ivy—3½-inch	3.50
Feverfew—2½-inch	2.25
Coleus Verschaffeltii—Golden Bedder and 10 other varieties, 2-inch	2.00
Vinca Variegata—4-in. pots, extra heavy	10.00
Boston Ferns—2½-in pots	4.00
Alyssum—2-inch	2.00
Lobelia—2 and 2½-inch fine plants from cuttings	2.25
Pyrethrum—2½-inch	2.25
Fuchsias—3-inch, a good mixture	4.00
Verbenas—2½-inch mixed	2.25
Centaureas—2½-inch	2.25
Tomatoes—All leading varieties, transplanted stock, $8.00 per 1,000. Cash please.	1.00

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Magnificent lot of PEONY FLOWERS for Decoration
Also SINGLE and DOUBLE NARCISSI.
BEST PACKING. LOWEST PRICES.
F. A. BALLER, BLOOMINGTON, ILL.

Mention The Review when you write.

Roses.

2500 Perle, very strong; 3000 Kaiserin; 4000 Cochet, pink and white; 5000 Hermosa; 2500 C. Soupert, 3-inch pots, $5.00 per 100; $45.00 per 1000.

50,000 CHRYSANTHEMUMS,

Golden Wedding, Maud Dean, Jerome Jones, Col. D. Appleton, Pacific, Robinson, Ivory, Bonnaffon (white and yellow), Polly Rose, $2.50 per 100; $20.00 per 1000.

J. D. BRENNEMAN,
HARRISBURG, PA.
Box 24.

Mention The Review when you write.

Over $65,000 has been paid by the **FLORISTS' HAIL ASSOCIATION** for glass broken by hail. For particulars address **John G. Esler, Sec'y., Saddle River, N. J.**

Mention The Review when you write.

CHOICE ROSES
Our Beauties are the talk of the town
VALLEY
The Extra Select Brand
CARNATIONS
Headquarters for High-grade Flowers
SWEET PEAS
I am Still the Sweet Pea King

FOR MEMORIAL DAY
COMMENCEMENTS
AND JUNE WEDDINGS

Best of everything in the market. Shipping flowers is my specialty. Once a customer, always a customer--the secret of business success.

EDWARD REID,
1526 Ranstead St., Long Distance TELEPHONE PHILADELPHIA

Mention The Review when you write.

BOSTON.

The Market.

The market is in a very depressed state, there being a heavy glut of almost everything. Some flowers are carried home again and others disposed of at absurdly low prices. There is no prospect of betterment before Decoration day, when a heavy trade will be done.

Best quality Beauty roses bring $15 with difficulty; first-class stock brings $10. Carnations are getting smaller, although some very fine stock continues to come in. Few fancies exceed $2, while ordinary grades have gone as low as 25 cents per 100. Gladioli are quite plentiful and outdoor lily of the valley of fine quality has appeared. Other outdoor stock includes Iris Germanica, Narcissus poeticus in quantity, late flowering tulips and lilac. Sweet peas are lower, best blooms being sold at 50 cents. Quite a number of orchids are seen in the better class of stores, Cattleya Mossiæ, C. Mendelli and C. Skinneri, Lælia purpurata and Dendrobium thyrsiflorum.

Decoration day prospects are one of the prime topics just now. A first-class trade is anticipated. There will be probably more outdoor stock than usually available, but a few hot days will change all this. An immense quantity of outdoor flowers are usually available, such as lilacs, snowballs, German iris, oriental poppies, pyrethrums, Paeonia officinalis, Narcissus poeticus, late tulips, lily of the valley, etc. Some of these are already in bloom, including the first four, and unless the weather continues fairly cool for the next ten days, they will not be available. An early season is the best for sale of greenhouse stock.

Various Notes.

At present all orchards and gardens are a glorious picture, with their wealth of fruit blossoms. Apples, pears, plums and cherries are sheets of bloom. Peaches are nearly all killed outright, the exceptions being those growing at high elevations. Quite a number of the Japanese plums are also badly killed back. As trees and shrubs come into leaf the full extent of the damage sustained from the severe winter becomes more apparent.

WHITE RIBBONS

For June, the days of Graduations, Commencements and Weddings. No other mill can show a greater range of WHITE RIBBONS—Taffeta, Grosgrain, Satin, Mousseline qualities. These White Ribbons are the **Right Ribbons** for your use, and sold from the mill, "you save all between profits."

The Pine Tree Silk Mills Company
Philadelphia

Write for Samples Now. All Widths.
The prices and qualities will be a surprise.

MONARCH—Satin Taffeta—CLIMAX,
CONQUEROR—Metallique Taffeta—**CYCLONE.**

OFFICE AND SALESROOMS:

806-808-810 ARCH ST. —— 52-54 NO. EIGHTH ST.

Mention The Review when you write.

But for the heavy snow protection many shrubs would have been killed outright. Viburnum plicatum and V. tomentosum are cut down to the snow line. Halesias and exochordas have suffered similarly. Deutzia crenata for the first time in many years is cut to the ground. Ligustrum vulgaris is the only privet unscathed. L. ibota has suffered badly in some places. L. ovalifolium has proved its worthlessness in this latitude and will be generally discarded. The fine Newport hedges mentioned by Mr. Scott in your last issue are of California privet and have suffered badly the last two winters. The syringa family with the lonicera have again proved themselves the most reliable of our shrubs.

Climbers have suffered severely. Wistarias have all flower buds and many growth buds killed. Honeysuckles are cut to the snow line. English ivy, even where well protected, is badly killed. Ampelopsis Veitchii has suffered more than ever before. Euonymus radicans has wintered finely. Clematis paniculata, which usually kills back considerably, is cut to the ground, but is coming up vigorously as usual. Aristolochias, bignonias, akebias and other climbers are all right.

The new houses projected by N. F. McCarthy & Co., at Melrose, Mass., promise to be among the largest of their kind in the country. The dimensions of 60 x 900 will no doubt cause some other progressive florist to erect a 1,000-foot house to hold the record. The Melrose establishment is devoted to rose culture.

Bedding plants in large quantities are being disposed of at the various stores and auction rooms. Geraniums, cannas, dahlias, verbenas, coleus and fuchsias seem to be favorites.

The finest collection of lilacs in America is now coming into bloom at the Arnold Arboretum and will be at their

May we send you

For MEMORIAL DAY

SOME OF OUR

Fine Flowers and Greens?

PEONIES A splendid stock of this grand decorative flower is promised.

All the best standard and fancy varieties of **CARNATIONS**

We are well supplied with choice Kaiserin, Bride, Beauty, and other **ROSES**

FERNS New crop Dagger Ferns at $2.00 per 1000.

FOR THE

BEST OF EVERYTHING

IN THE MARKET

Write, Wire or Phone to

LEO NIESSEN

1217 ARCH ST.

PHILADELPHIA

Mention The Review when you write.

best about May 24. Practically every variety of lilac procurable, including all the latest European novelties, are to be seen here. In addition to the lilacs a grand collection of pyrus and prunus are also in flower. The well known Prunus Pissardi is killed in many parts of Massachusetts.

Miss M. S. Ames, of North Easton, has presented a number of large palms to the Harvard Botanic Gardens. Three large ones have also been forwarded to the New York Botanic Gardens at Bronx Park, including a fine specimen of Livistona Hoogendorfii, twenty feet in diameter.

The annual rhododendron show of the Massachusetts Horticultural Society scheduled for June 4 and 5, will probably have to be postponed a week, owing to the lateness of the season. The show of rhododendrons is likely to be a small one, as many plants are killed and practically all flower buds, except where heavily protected. Many azaleas are also killed and flower buds generally destroyed. Classes 97, 98 and 99 in the schedule of the society were by an error not properly classified. They are for hardy azaleas.

Henry J. Elwes, the noted English hardy plant and bulb authority, has been visiting friends in Boston.

Carnation men have had ideal weather for transferring their stock to the fields. Last May we had no rain, but at present we are having good rains, which insures a good start to all newly planted carnations. W. N. CRAIG.

HILTON, N. J.—W. T. Brown is doing a big wholesale business in pansy plants.

Plant Now **Lily of the Valley** For JUNE WEDDINGS.

I carry in cold storage nothing but the FINEST GRADE OF VALLEY.
MY STOCK IS IN EXCELLENT CONDITION and will do splendid.
$1.50 per hundred; $14.00 per thousand.

Headquarters for FINEST CUT VALLEY.

H. N. BRUNS, 1409-1411 W. Madison St. **Chicago.**

Mention The Review when you write.

CUSHMAN'S HYBRID 1904 GLADIOLUS BULBS

AT PRACTICAL LIVING PRICES

Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture

CUSHMAN GLADIOLUS CO., SYLVANIA, O.

IT is never worth while to write a letter, or even a postal card, and not sign your name.

GREENVILLE, MICH.—L. C. Lincoln has bought a house and some building lots three blocks nearer the Pere Marquette depot than his present location. He will remove and re-erect his greenhouses thereon.

THE REVIEW is all right; enclosed find another dollar to help keep it going.—L. J. THOMAS, Webster, Tex.

NIAGARA FALLS, ONT.—At John Dobbe's greenhouses, 315 Victoria avenue, a carnation bench 8x125 feet collapsed May 8. The whole thing went to the ground without disturbing the plants to any great extent.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

MAIL addressed to the American Mushroom Co., St. Louis, has been forwarded to Texarkana, where the postmaster returned it to sender marked "Fraudulent."

THE sweet corn and cucumber situation is unchanged. A considerable acreage of each has been planted, but no sign of sprouting so far. It is likely that when re-seeding time comes a boom will be on and what little seed is left will bring high figures.

THE past week at Chicago has been such as to prolong the seeding for onion sets. It was hoped that the end of last week would see all the seeding done, but on low ground, where it was expected that a few warm days would permit seeding, work had to be stopped and it may take a week yet to finish up.

TRADE generally is quite unsatisfactory: nothing has been normal during the whole season so far. The growing crops are much retarded by unseasonable weather and at all points, owing to this, the usual second and third plantings have not been made. The season is so far advanced now that a clear loss of considerable business may be charged up against the weather.

THE KENTUCKY SEED TRADE.

The following review of the season is from Wood, Stubbs & Co., Louisville, Ky., dated May 7:

The season's trade on grass and field seeds in this market on the whole has been very large, though prices have been in many instances cut very close and comparative little profits have been made by the regular dealer. Anticipated advances in Orchard, Red Top, Blue grass and Timothy did not materialize and dealers who purchased stocks of Orchard grass in the fall with anticipation of getting higher prices in the spring were disappointed.

This is due in a large measure to a considerable quantity of grass seed being left in farmers' hands. Many who were offered as much as $1.45 and $1.50 per bushel in the fall, just after threshing time, stored their seed, paid charges and afterwards in the spring sold their seed for a great deal less money.

Blue grass has remained about stationary with little profit to anybody, where straight Kentucky has been sold. Red Top also has remained about stationary throughout the entire season, and cleaners of this seed, owing to the small export demand, found prices did not advance as they anticipated.

The fact of the wet spring generally prevailing in all parts of the country no doubt kept down the prices of grass seeds and reduced the quantity which would have been sold, so all the dealers here have had increased volume of business. This is, however, the natural result, because Louisville is fast becoming one of the most important centers for grass seed trade and can offer to better advantage than nearly any other point on general lines.

RALPH M. WARD & CO.
17 Battery Place, New York
HORTICULTURAL IMPORTERS

We are **DIRECT IMPORTERS** of High Grade Japan Lilies, Lily of the Valley, Dutch Bulbs, etc. Cold Storage Valley pips on hand. Our prices are interesting.

WRITE US

Mention The Review when you write.

The onion set situation was more or less of a surprise to everybody and few dealers reaped any special profit on account of the market advancing in price. We, ourselves, felt a month before the advance came that there was bound to be a heavy demand and knew there were light stocks. We were somewhat prepared for a good advance, but did not anticipate it would be anything like as great as actually occurred.

This year the acreage will be slightly enlarged, though the season has not been particularly favorable for getting a good stand, and there has been a good deal of complaint from this cause. We expect, however a good fair crop, and growers will naturally expect better prices in the fall than they have been getting for the last two or three years.

Indications for the new crop Kentucky Blue and Orchard grass are not particularly favorable, though it is early yet to determine about the latter.

The garden seed trade has been very satisfactory, on the whole, with us.

WITH THE CANNERS.

The season is still backward in all the canning districts and there is danger that it may have an effect on peas. The crop is ten days to two weeks behind hand. This means, of course, a shorter period for germination and development before the blistering heat of summer causes the crop to ripen almost at once, hardening the peas in the pods before they can be gotten into the cans. In Indiana the crop is all in, but the acreage is less than for 1903. In Wisconsin planting is progressing, about ten days late. The acreage is larger than last year, and in 1903 the yield was light. In New York seeding is late, one grower reporting six weeks behind 1903. The output will not be increased. In Delaware pea seed was all in a month or so ago, although at that the season was a week or ten days late. The acreage is considerably smaller than in 1903. California will have a good-sized pack this year.

The situation as to corn acreage and the germinating power of the seed isn't to the liking of canners as a rule. Seed corn varies considerably in vitality, and acreage is in many sections harder to contract than ever before. Letters received from packers show that on the whole there has been a great deal of poor seed on the market. In New York state especially the canners find it difficult to induce farmers to grow sweet corn. Two successive bad seasons have discouraged the farmers in that section to such an extent that they are very reluctant to plant any more corn for canning pur-

Primula Seed

THE VERY FINEST SELECTED STRAIN.

ALBA MAGNIFICA, white, 50c per packet.
RUBY QUEEN..... 50c "
ROSE CARMINE..... 50c "
THE BRIDE..... 50c "
CHESWICK RED..... 50c "
PINK BEAUTY..... 50c "
ROSE QUEEN..... 50c "
BLUE GEM..... 50c "

All our Primula Seed is sold in sealed packets only and contain 150 seeds.

Cineraria Seed

S. & W. CO.'S GIANT PRIZE STRAIN,
Per pkt. (500 seeds), 50c; per 1-64 oz., $2.00

CINERARIA GRANDIFLORA,
Large flowered, prize varieties, splendid mixed, per 500 seeds.....$1.00
Per 1-64 oz..... 3.00

MIGNONETTE MACHET,
Per packet.....25c; per oz., 75c

CANDYTUFT EMPRESS,
Per packet.....10c; per oz., 25c

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention The Review when you write.

poses. We have just heard the opinion expressed by one who should be well informed that this year's corn acreage in New York state may be as much as 25 per cent smaller than in 1903. Opinions differ, however, on this point, some believing that New York's acreage will about equal last year's.—The Canner.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote
LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS
and other Bulbs for florists. Send for prices, stating kinds and quantities required.

ASPARAGUS PLUMOSUS NANUS, $1.00 per 100; $7.00 per 1000.

CYCAS REVOLUTA STEMS, per case of 300 lbs. at 6c per lb.; broken cases at 8c per lb. The stems run from 1 to 5 lbs. each.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.
Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.
Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

AN EXCEPTIONAL OFFER

HIGH-GRADE BULBS

250 BULBS at 1000 RATE.

GLADIOLUS-FLORACROFT Prize Mixture, $1.25 per 100; $10.00 per 1000
Size and Quality Unsurpassed.
JOHNSON & STOKES' Special Mixture, 90c " 6.00 "
Carefully Selected Stock, Fine Bulbs.

Tuberous Rooted BEGONIAS—Splendid Bulbs.

Single, white, red, yellow, crimson and scarlet.....Per doz., 30c; per 100, $2.00; per 1000, $18.00
Double, white, red, yellow, crimson and scarlet..... " 50c; " 3.75; " 35.00

CYCAS REVOLUTA—Sago Palm Stems.

Long-leaved variety.....Per lb., 12c; per 10 lbs., $1.00; per 25 lbs., $2.00; per 100 lbs., $7.00
Stems range in weight from 1 lb. to 10 lbs. Special quotation on case lots of 300 lbs.

GLOXINIAS.

Splendid mixed, all colors.....Per doz., 30c; per 100, $2.00; per 1000, $18.00
Giant Flowering, red, pink, blue, spotted and white..... " 50c; " 3.25; " 30.00
Lilium auratum Rubrum—8-9 (160 to case)..... " 75c; " 5.00;
Spotted Callas—Fine bulbs..... " 30c; " 1.75; " 15.00

JOHNSON & STOKES, 217 AND 219 MARKET STREET, **PHILADELPHIA, PA.**

Our FAMOUS STRAIN has been developed after years of diligent cultivation. We recommend our

C. & C. CEED

Calceolaria Hybrida Grandiflora. C. Hybrida Grandiflora Compacta, James' Superb Strain. 60c per ½ trade packet, $1.00 per trade packet. C. Rugosa (Shrubby), 34c packet, small.

Cineraria Grandiflora prize, blue, crimson, white, dwarf, mixed, medium tall mixed. 60c ½ trade packet, $1.00 trade packet. James' Giant Strain mixed, same price as above. Choice mixed Hybrids, ½ trade packet, 30c; trade packet, 50c. Double mixed, ½ trade packet, 60c; trade packet, $1.00. Sutton's Stellata (Star Cineraria), original packet, 60c. Stellata hybrida, original packet, $1.00. Maritima Candidissima, white leaved, trade packet, 10c; 1 ounce, 25c.

HENRY F. MICHELL CO., 1018 Market St., **Philadelphia.**

Mention The Review when you write.

LILY OF THE VALLEY COLD STORAGE

EXTRA SELECTED PIPS for delivery from now on through the Summer and Autumn, **Per 1000, $15.00**

LORRAINE BEGONIAS, Healthy Stock, 2¼-inch pots, immediate delivery, per doz., $3.00; per 100, $22.50; per 1000, $200.00. June-August delivery, per doz., $2.00; 100, $15.00; 1000, $140.00

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

Lawn Grass Seed in bulk and packages

PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

VISITED ST. LOUIS.—Mr. and Mrs. Wm. A. Peterson, Chicago.

J. C. MOORE, nurseryman, of Mountain City, Mo., died May 6, aged 51 years.

THE story of the origin of the Logan berry on page 1381 will be of interest to nurserymen.

THE usual rate of a fare and one-third on the certificate plan has been made for the Nurserymen's convention.

N. W. HALE, president of the American Association of Nurserymen, is reported quite ill and his presence at the Atlanta convention doubtful.

AT a recent meeting of the Pacific Coast Nurserymen's Association it was voted to invite the American Association to hold its meeting in 1905 at Portland, Ore.

HENRI VAN DER BOM, of the firm of H. W. Van der Bom & Co., nurserymen, Oudenbosch, Holland, has arrived at New York for an extensive trip through the United States.

THE Storrs & Harrison Co. has had a very good business this spring, notwithstanding the unfavorable conditions. It is stated that 170 cars of stock were shipped between April 23 and May 11, with considerable more still to go out.

OWATONNA, MINN.—The Clinton Falls Nursery Co., of this city, is making plans to largely extend its business. Having purchased the Lord greenhouses for removal to their grounds, they will erect two entirely new houses, each 20x180, material for one of which has been already ordered. A space 100x200 in front of the greenhouses will be a display ground for hardy stock of all kinds.

THE W. & T. Smith Co., Geneva, N. Y., writes: "We have had an average season for our work, although spring opened later than usual. On account of winter closing in so early we did not get the usual amount of fall work done, and on that account have been more than usually rushed. Spring sales have been fully up to the average of the last two years and the demand for many items has been much in excess of the supply."

THE recently incorporated Aurora Nursery Co., Aurora, Ill., J. A. Young, manager, is in the market for considerable quantities of shrubbery and hybrid perpetual roses, Crimson Rambler, etc., also herbaceous perennials, phlox, peonies, cannas, etc. They already have a nice trade and their own plantings will approximate thirty acres. They will this season erect greenhouses for propagating, etc., and also for plants and cut flowers. They propose to do a general business, both wholesale and retail.

THINNING.

The scheme of close planting of shrub and tree borders, and other plantations, for the sake of immediate effect, economy of maintenance and mutual protection, now so much the vogue, soon requires attention to prevent starvation and malformation of individuals.

For a few years these close plantations may serve the purpose of a nursery, and surplus plants may, if needed, be removed to other locations; but it is only a very short time, comparatively, until the ax must be used, and that freely. If specimen plants are required this thinning must be undertaken before there is an actual contact between the plants to give the necessary amount of light and air.

While the tools needed will be simply the ax and the grub, yet there are few operations which require more careful study and pre-arrangement. In the case of trees so many considerations enter into the problem, that haste is impossible, and one should give ample time to its solution. Those to be destroyed as well as those to be saved should be viewed from many positions and at many times.

It takes a lot of nerve to cut away vigorous trees, but it must be done. This lack of nerve is undoubtedly responsible for the many examples of crowded, diseased and mis-shapen plantations to be seen in public as well as private grounds. —JOHN F. COWELL in Bulletin of the New England Association of Park Superintendents.

PLEASE do not insert my advertisement again as I have more orders than I can attend to or fill.—GUNNAR TEILMANN, Marion, Ind.

SHELBYVILLE, IND.—Fire across the street from E. P. Hull's greenhouse, did about $100 damage to that structure May 11.

EVERY FLORIST and NURSERYMAN NEEDS THEM

JUST RECEIVED.

250,000 JAPANESE

Bamboo Plant Stakes.

Just the right size for staking carnations, chrysanthemums, geraniums, roses, etc., etc.

5 feet and over, ¼ to ⅜-inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜-inch, per 500, $3.25; per 1000, $6.00; per 2000, $11.00.

FRESH CYCAS STEMS, assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.), $18.00.

FERN BALLS, 5-inch per 100, $12.00.

FOSTITE (Death to Mildew). Prevents and checks **Carnation Rust, Mildew on Roses,** Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

VAN NAMEN'S EXCELSIOR HOLLAND CABBAGE SEED.

Late, large, round, solid white heads. One pound has produced $250.00 worth of cabbages. Pkt., 25c; ¼ lb., 75c; lb., $2.00. Highly recommended by all who have sown this seed.

Cash with order please.

C. H. JOOSTEN

IMPORTER -- 201 West Street -- NEW YORK.

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PETERSON NURSERY,
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PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book,** containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates **free**—Send for Catalogue

UNEQUALLED FACILITIES

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

ALBIA, IA.—A. A. Mason says there is a good opening here for a florist or nurseryman.

Samuel S. Pennock, THE WHOLESALE FLORIST

Cycas and Wheat Sheaves | HIGH-GRADE FLOWERS

Ribbons and Supplies. 1612 {Ludlow Street, Philadelphia

Mention The Review when you write.

CHARLES F. EDGAR & CO.,

Memorial Day Specialties, PEONIES and CARNATIONS

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROSES, CARNATIONS, SWEET PEAS. EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Fancy Valley.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants TO ADVANTAGE.

Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

Cape Jasmine.

Every package examined before shipping. Order of

KENNICOTT BROS. CO.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Philadelphia, May 18.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	2.00
" No. 1	1.50
" Shorts	.75
Queen of Edgely, Specials	2.00 to 2.50
" " Medium	1.00 to 1.50
" " Shorts	.75
	Per 100
Bride and Bridesmaid, Specials	5.00 to 8.00
" " Extra	2.00 to 3.00
Golden Gate, Firsts	5.00 to 8.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	5.00 to 8.00
" Seconds	2.00 to 4.00
Liberty, Firsts	12.50 to 18.00
" Seconds	5.00 to 10.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perle	2.00 to 4.00
Sunrise	2.00 to 5.00
Orchids, Cattleyas	.50
" White	.30
Carnations, Commons	1.00 to 1.50
" Fancies, all colors	2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Spreugeri, "	50.00
Callas	5.00 to 8.00
Daisies	.50
Lilium Longiflorum	3.00 to 8.00
Lily of the Valley	2.00 to 5.00
Pansies, per bunch	.02 to .03
Peonies	5.00 to 8.00
Smilax	12.00 to 15.00
Sweet Peas	.50 to .75
Gardenias, per doz.	.75 to 1.25

"THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—WM. BIERSTADT & SON, Springfield, Ill.

EDWARD REID,

WHOLESALE FLORIST.

1526 Ranstead St., PHILADELPHIA.

See our special adv. on Page 1392.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Daisies, Sweet Peas.

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

BOSTON FERNS

8-inch and 10-inch pans.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

ORCHIDS.

Arrived in perfect condition—Cattleya Mossiae, C. Labiata, C. Trianae, Laelia Crispa, L. Acceps, Oncidium Varicosum Rogersii, O. Crispum, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., Tel. 854 Madison Sq., **NEW YORK CITY.**
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
Mention The Review when you write.

ANYTHING you want for **Decoration Day**
KENNICOTT BROS. CO., Chicago,
—— HAVE IT ——
Mention Review when you write.

Wholesale Cut Flower Prices.

New York, May 16.

	Per 100
Beauties, Specials	$10.00 to $15.00
" Extra	6.00 to 8.00
" No. 1	3.00 to 5.00
" Shorts	1.00 to 2.00
Brides and Maids, Specials	3.00 to 5.00
" " Extra	2.00 to 3.00
" " No. 1	1.00 to 2.00
" " No. 2	.50 to 1.00
Golden Gate	1.00 to 4.00
Liberty	2.00 to 15.00
Meteor	2.00 to 4.00
Ulrich Brunner	3.00 to 15.00
Orchids, Cattleyas	40.00 to 50.00
Carnations, Common	.25 to .50
" Selects	.75 to 1.00
" Fancies	1.00 to 2.00
" Novelties	2.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
Asparagus Plumosus, strings	25.00
Callas	2.00 to 4.00
Daisies	1.00 to 2.00
Gladioli	8.00 to 10.00
Lilac per bunch	.10 to .25
Lilium Harrisii	2.00 to 4.00
Lily of the Valley	1.00 to 3.00
Mignonette	.25 to 1.00
Narcissus	.25 to .50
Pansies per bunch	.01 to .04
Smilax	6.00 to 12.00
Stocks per bunch	.05 to .15
Sweet Peas " "	.01 to .05
Tulips	.50 to 1.00

I go to the REVIEW, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. GALLOWAY, Eaton, O.

H. S. SLINN, JR. WALTER HUGHES
SLINN & HUGHES
WHOLESALE FLORISTS
Coogan Bldg., 55-57 W. 26th St., Telephone 3864 Madison Sq. **NEW YORK**
Our leading specialties: **ROSES, CARNATIONS, VIOLETS.** The best the market affords.
Shipping orders receive prompt attention.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

New York Flower Market.

The first and most desirable floor of the Coogan Building will shortly be fitted up as a flower market. The second floor of this building is occupied by the New York Cut Flower Co., and the third floor is occupied by the Cut Flower Exchange. Concentration of the wholesale portion of any business whatsoever is absolutely necessary.

Here is an excellent chance for Commission Men, Wholesale Florists and Growers to get together under one roof.

The location is the best in the city for the flower business and the rent is reasonable. For further particulars address

NEW YORK FLOWER MARKET, Coogan Bldg., 55 and 57 W. 26th St., Cor. 6th Ave., Room 105. **New York.**

Mention The Review when you write.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

Mention The Review when you write.

ESTABLISHED 1872.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

Mention The Review when you write.

ALEX. J. GUTTMAN,

Wholesale Florist.

Shipments daily all over the country.

Correspondence Suggested.

52 West 29th St., - NEW YORK.

Tel. 1664-1665 Madison Sq.

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FRANK MILLANG,

CUT FLOWER EXCHANGE.

Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

AUGUST MILLANG,

Wholesale Commission Dealer in

CUT FLOWERS

55-57 W. 26th St., Coogan Building, NEW YORK CITY

Violets and Carnations our specialties. Telephone No. 299 Madison Sq.

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....THE....

COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

Mention The Review when you write.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call, 655 John.

HARRIS H. HAYDEN (late manager of the Nepera Chemical Company) ..... President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar)..... Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

Mention The Review when you write.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, May 18.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	12.00 to 18.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 3.00
Brides and Maids, Specials	6.00 to 8.00
" " " Extra	4.00 to 5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Golden Gate	2.00 to 6.00
Liberty	3.00 to 12.00
Meteor	2.00 to 4.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	20.00 to 50.00
Callas	5.00 to 8.00
Daffodils	1.00 to 1.50
Daisies	.50 to 3.00
Gladioli	6.00 to 12.00
Lilium Harrisii	4.00 to 8.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.00 to 2.00
Narcissus	1.00 to 1.50
Pansies	.25 to .50
Smilax	15.00 to 20.00
Sweet Peas	.50 to 1.50
Tulips	1.00 to 1.50
Violets	.20 to .50

Buffalo, May 18.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 8.00
" Shorts	2.00 to 4.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 5.00
Perle	2.00 to 5.00
Sunrise	2.00 to 3.00
Carnations, Commons	.75 to 1.00
" Selects	1.25 to 2.00
" Fancies	2.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Callas	5.00 to 8.00
Daffodils	.50 to 2.00
Hyacinths, Dutch	1.00 to 2.00
Lilac	1.00 to 2.00
Lil. Longiflorum	5.00 to 10.00
Lily of the Valley	2.00 to 4.00
Mignonette	2.00 to 4.00
Narcissus	.50 to .75
Smilax	15.00
Sweet Peas	.50 to 1.00
Tulips	.50 to 2.00

N. LECAKES & CO.

45 West 29th St., NEW YORK

Tel. No. 1214 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Always mention the Florists' Review when writing advertisers.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,

38 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

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111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

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CUT ROSES Direct from the...GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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Lily of the Valley

of good quality always on hand

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

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For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.) Write, Wire or Phone the Introducers.

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

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Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, May 18.

		Per doz.
Beauties, Long stems		$4.00
" 30-inch "		3.00
" 24 "		2.50
" 20 "		2.00
" 15 "		1.50
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$5.00 to	$ 6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	8.00 to	10.00
" Firsts	4.00 to	6.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Meteor, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Mme. Chatenay, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Ivory, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Sunrise, Firsts		8.00
" Seconds	3.00 to	6.00
Perles, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Carnot	5.00 to	8.00
La France	5.00 to	8.00
Kaiserin	5.00 to	8.00
Carnations, Fancy		3.00
" Common	1.50 to	2.00
Cape Jasmines	1.00 to	2.00
Peonies per doz.	.60 to	.75
Tulips	2.00 to	5.00
Pansies	.20 to	.75
Mignonette doz.	.50 to	.75
Poets Narcissus		1.00
Sweet Peas	.50 to	1.00
Easter lilies, $1.00 to $1.50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Valley	2.00 to	4.00
Asparagus strings	40.00 to	50.00
" sprays per bunch	.35 to	.50
" Sprengeri	3.00 to	6.00
Smilax per dozen		2.00
Galax per 1000		1.25
Ferns per 1000	2.00 to	4.50

REMEMBER THE SIGN at the Milwaukee S. A. F. meeting:—

"When others fail go to

Kennicott Bros. Co.

they will fill your order."

40-44 Randolph Street, -- CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.

Write for special quotations on large orders.

BRANT & NOE

FLORAL COMPANY,

58-60 Wabash Ave., CHICAGO.

Wholesale Growers of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Chas. W. McKellar,

WHOLESALE COMMISSION FLORIST,

And Dealer in

ALL Florists' Supplies,

51 Wabash Ave., CHICAGO.

Long Distance Phone Central 3598.

CORRESPONDENCE INVITED FROM GROWERS HAVING Specialties in Cut Flowers.

Mention The Review when you write.

To Cut Flower Growers:

Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.

CALL ON OR ADDRESS PERCY JONES, Manager.

PERCY JONES

Wholesale Cut Flowers,

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

STANDING ORDERS SOLICITED.

Mention The Review when you write.

SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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WIETOR BROS.

Wholesale Growers of.. Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. CUT FLOWERS CHICAGO

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Poehlmann Bros.

Wholesale Growers of and Dealers in Cut Flowers.

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

FRANK GARLAND,

Wholesale Grower of....Cut Flowers.

Special attention given to Hardy Cut FERNS.

51 Wabash Avenue, CHICAGO, ILL.

Room 218. Telephone Central 3284.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

DECORATE WITH OUR FLOWERS. We Offer Showy **PEONIES, LILIES, ETC.**

Also ORANGE BLOSSOMS, GARDENIAS, SWEET PEAS, Etc.

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE. WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Mention Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, May 18.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	6.00 to 10.00
Meteors	4.00 to 6.00
Perle	2.00 to 4.00
Sunrise	2.00 to 6.00
Carnations, Selects	1.00
" Fancies	1.50 to 2.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri "	2.00 to 3.00
Callas	6.00
Daisies	.50
Lilium Longiflorum	6.00
Lily of the Valley	2.00 to 3.00
Mignonette	2.00 to 3.00
Smilax	20.00
Sweet Peas	.50
Tulips	2.00 to 3.00

CLEVELAND.

Joseph Tilson, 56 years of age, a well-known florist, succumbed to an attack of typhoid fever May 11, after an illness of about seven weeks. Mr. Tilson was born in England, and came to this country when he was 17 years old. His first home was at Shelby, O., but later he removed to Cleveland, and had lived here twenty-two years. For twenty years he was in the employ of Mrs. H. B. Herbert, of No. 885 Euclid avenue. He is survived by a widow and five children.

CATALOGUES RECEIVED.

E. H. Hunt, Chicago, bulbs, seeds, supplies, etc.; Shatemuc Nurseries, Barrytown, N. Y., hardy plants, etc.; Leach Insecticide Co., Baltimore, Md., insecticides; Michigan Seed Co., South Haven, Mich., gladioli, dahlias, etc.; E. J. Thomas, Webster, Tex., field grown roses.

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

GALAX LEAVES.

Brilliant Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5,000.

Lencothoe Sprays, assorted sizes, $1.00 per 100. Fancy or Dagger Ferns. Cycas Leaves and all kinds of Florists' supplies at lowest market prices.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. **New York**

Mention The Review when you write.

500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. CINCINNATI, O.

L. D. Phone 950M.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 18.

	Per doz
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" No. 1	.60 to .75
	Per 100
Brides and Maids, Specials	5.00 to 6.00
" " Extra	3.00 to 4.00
" " No. 1	1.50 to 2.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	3.00 to 8.00
Meteor	3.00 to 6.00
Perle	2.00 to 3.00
Sunrise	2.00 to 3.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	6.00 to 8.00
Lilac	2.00 to 3.00
Lilium Harrisii	6.00 to 8.00
Lily of the Valley	2.00 to 3.00
Pansies	1.00 to 2.00
Peonies	5.00 to 8.00
Smilax	15.00 to 18.00
Sweet Peas	.50 to .75
Cape Jasmine	.75 to 1.00

Cincinnati, May 18.

	Per 100
Beauties, Specials	$30.00
" Extra	$20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Carnations, Common	.50
" Selects	.75 to 1.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	50.00 to 75.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	6.00 to 10.00
Daisies	.35 to .50
Lilium Longiflorum	6.00 to 10.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00 to 20.00
Stocks	2.00 to 3.00
Sweet Peas	.50 to .75

YOUNGSTOWN, O.—J. C. Schuffert was for two years in the White House conservatories at Washington and also spent some years in private places. The result of his trainiug is shown in the all-around good quality of his diversified stock.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.

Telephone Calls: 340 and 341 38th Street.

YOUNG & NUGENT, 42 WEST 28TH STREET, Tel. 2065 Madison Square. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town FLORISTS for STEAMERS, COMMENCEMENTS, RECEPTIONS, etc., receive immediate and careful attention.

Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

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ORDERS FOR....

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WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.

Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

Long distance phone, Evanston 56.

Julius Baer,

116 E. Fourth Street.

Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,

Tel. 192 Riverside,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,

522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

HUGH GRAHAM, PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

College and School days will soon be over and then will come the

COMMENCEMENT EXERCISES

With their Floral Offerings from friends of the Students.

BASKETS are always demanded on these occasions. We have a great profusion of Baskets in all the latest styles and will gladly select for you a good assortment covering the most popular kinds. **BASKETS**

Write for the Catalogue of the largest Florists' Supply House in America.

H. Bayersdorfer & Co., 50-56 North 4th Street, **Philadelphia, Pa.**

NEW CROP **Dagger Ferns**

$1.50 per 1000. They are the finest and largest ferns ever sold.

FANCY FERNS, new crop, **$2.00** per 1000.

Bouquet Green, $6.00 per 100 lbs. **Bouquet Green Wreaths and Laurel Wreaths,** all sizes and prices.

Laurel Festooning, extra fine and full, 4c, 5c and 6c per yard, and made fresh daily from the woods.

Southern Wild Smilax, $6.00 per case of 50 lbs.

Bronze and Green Galax, 75c per 1000. Discount on large orders.

Send us your orders for **Memorial Day NOW**

and you will get the best to be had and at rock-bottom prices.

Satisfaction guaranteed. No matter how large or small the order it will be filled promptly and with the best and freshest stock right from the woods. Telephone and telegraph orders will receive immediate attention.

Telegraph Office, New Salem, Mass. Long Distance Telephone Connection.

TELL US YOUR WANTS; WE WILL DO THE REST.

CROWL FERN CO., -- MILLINGTON, MASS.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$6.00	$50.00
La France	4.00	35.00
Sunrise	5.00	40.00
Am. Beauty	6.00	50.00
Kaiserin	3.00	25.00
Liberty	5.00	40.00
Bride	3.00	25.00
Maid	3 00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00

2-YEAR-OLD PLANTS

From Benches

	Per 100	1000
American Beauty	$6 00	$50 00
Liberty	6.00	50.00
Maid	3 00	25.00
Bride	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00
Kaiserin	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO.

RETAIL FLORISTS.

(CONTINUED.)

A. WIEGAND & SONS,

FLORISTS,

1610 to 1620 N. Illinois St., **Indianapolis, Ind.**

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

J. J. BENEKE,

1220 Olive Street, **ST. LOUIS, MO.**

Shibeley The Florist,

311 SUTTER ST., **SAN FRANCISCO, CAL.**

Saying and doing are two different things. We don't say much, but we do everything we say.

Order your... **Decoration Day Stock** from us.

Kennicott Bros. Co.,

40-44 Randolph St., CHICAGO.

DECATUR, IND.—The funeral of Judge David Studabaker made a very large call for funeral flowers, the display being one of the most extensive ever seen in this part of the state.

BROOKLYN, N. Y.—The Metropolitan Material Co. wishes it understood that they have no connection with the Manhattan Supply Co. They have recently bought three lots adjoining their premises and will build on them shortly.

MILWAUKEE, WIS.—Things have been quiet here of late and the cold weather has retarded planting out, so that very little has as yet been done in that line. There has been a large surplus of cut stock and, while quotations on the better grades have changed but little, still much low grade stuff has been jobbed off pretty cheap locally.

Always Mention the....

Florists' Review

When Writing Advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 best sorts, all colors, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Abutilons Souv. de Bonn, Eclipse, 2½-in., $2.00 100. Springfield Floral Co., Springfield, O.

Abutilons in variety, 2¼-in., 40c doz., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
Good & Reese Co., Springfield, O.

Acalypha Macafreana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

AGAVES.

Agave, or century plant. A fine, large, solid green specimen, with over 20 leaves, some of which are over 3 ft. long and over 6 in. wide. Price, including tub, $10.00.
A few variegated plants with leaves 18 in. long, from 12-in. pots, $3.00 each. Good plants from 9-in. pots, $1.00 each. Can ship by freight.
Mayer & Son, Willow Street, Lanc. Co., Pa.

AGERATUMS.

Blue, white and Princess Pauline, 2¼-inch, $1.50 100. Cash.
R. I. Hart, Hackettstown, N. J.

Ageratums, blue, 4-in. pots, $6.00 100; 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 2-in., blue, $1.50 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Ageratum White Cap, 2½-in. pots, $2.00 100.
Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

50,000 alternantheras, red and yellow; rooted cuttings, 50c 100 or $4.00 1000; in lots of 5000 or over, $3.50 1000. Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, extra large and fine plants, $1.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Alternantheras, 5 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100 Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, yellow, $2.00; red, $2.50 per 100. J. M. Smely, Aurora, Ill.

ALTHEAS.

Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24-in., $1.00 doz., $6.00 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Alyssum Dbl. Giant, from 2¼-in., $2.25 100. Mountain Villa Conservatories, Box 254, Sharon, Mass.

Alyssum, Giant and Dwarf Double, 2¼-in., 15c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum, giant flowered, 2-in., 30c doz., $2.00 100. Good & Reese Co., Springfield, O.

Sweet alyssum, 2½-in., $2.00 per 100.
C. M. Ninffer, Springfield, Ohio.

Alyssum, 2-in., $2.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

AMPELOPSIS.

Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

Ampelopsis Veitchii, 2-yr., 8c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ANEMONES.

Anemone Queen Charlotte (new dbl. pink) 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

ANTIGONON.

Antigonon leptopus, 300 fine plants in 3-inch pots, $1.00 doz., $6.00 100, cash. A good thing; rapid grower, pretty pink flowers; free bloomer.
Stulb's Nursery, Augusta, Ga.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flat, ready for potting on, $12.00 1000, $1.50 100, 250 at 1000 rate; 3-in. pots, $5.00 100, $40.00 1000; 4-in., $8.00 100, $70.00 1000, field-grown. Send cash and we will pay freight.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 10
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
Albert M. Herr, Lancaster, Pa.

5000 Asparagus plumosus, strong seedlings ready for pots, at $15.00 1000. 300 prepaid for $5.00 cash. Can use in exchange, palms, Pierson ferns or young roses. Write
Huss Floral Co., Augusta, Ga.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 10c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

2000 Asparagus plumosa, 2¼-in. pots.....$3.00
500 Asparagus plumosa, 3-in. pots..... 6.00
3000 Asparagus Sprengeri, 3-in pots..... 4.00
Walker & McLean, Youngstown, Ohio.

Asparagus plumosus, strong plants, 3½-in., $7.00 per 100; 4-in., $8.00 per 100. Sprengeri, 3-in., fine, $5.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri, 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000. 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus Sprengeri, extra strong plants out of 3-in. pots, $4.00 per 100. Cash with order.
Livingston Seed Co., Columbus, O.

Asparagus plumosus nanus, seedlings, $1.75 100. Plants, 2-in., ready July 1, $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus plants, ready for 3-in., $2.00 per 100; ready for 4-in., $2.50 per 100. Cash. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri, all sizes from 2½-in. to 10-in. Write us.
Geo. A. Kuhl, Pekin, Ill.

Sprengeri from flats, 75c per 100, $6.00 per 1000; 3-in., $4.00 per 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 6-in. pots, 4-yr.-old, $6.00 100.
G. W. Renard & Bro., Avondale, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, fine 3-in., ready for 4-in., at $5.00 per 100. Weber Bros., Ironton, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100. Cash. John R. Shreiner, Lancaster, Pa.

Asparagus Sprengeri, 3-in., very large, $3.00 100. J. Sylvester, Oconto, Wis.

Asparagus Sprengeri, 4-in. pots, $6.00 100. "Critchell's," Avondale, Cincinnati, O.

Asparagus plumosus, 4-in., $10.00 100.
Crown Point Floral Co., Crown Point, Ind.

ASTERS.

We make a specialty of growing asters for the trade. We offer the following field-grown, ready to plant out. Semple's, in separate colors, white, shell pink, rose, purple and lavender, $2.50 per 1000. Queen of the Market, separate colors, $3.50 per 1000. Comet, some separate colors, mostly mixed, $3.50 per 1000. Semple's, mixed colors, $2.00 per 1000.
A. & G. Rosbach, Pemberton, N. J.

Hohenzollern asters, white, at 35c per 100. Fine to grow on empty benches, as they will be out before housing time. Cash with order please.
W. W. Stertzing, 7280 Old Manchester Ave., St. Louis, Mo.

Asters, transplanted plants. Queen of the Market and Semple's Branching, red, white, pink, lavender, daybreak, purple, all separate, 40c 100, $3.00 1000. Express prepaid. Cash. Des Moines Plant Co., 38th St., Des Moines, Ia.

Asters. Semple's Branching, Queen of the Market, Truffaut's Perfection, mixed, strong plants, 50c per 100 by mail. Cash with order.
J. H. Shelton, Rochester, Ind.

Asters Semple's Branching—pink, white and lavender, separate colors; strong plants, 60c per 100, $5.00 per 1000. Cash.
Chase & Son, New London, Ohio.

Asters, fine plants, four colors in Semple's Branching, $1.00 per 100.
G. W. Renard & Bro., Avondale, Pa.

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Bay trees, palms, decorative plants, orchids, all sizes. Apply to
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Just received, a consignment of single begonias, tuberous rooted. We can supply the following varieties of white, yellow, pink, orange, yellow and red, at $2.50 100. Write at once to the agent of Hubert & Co., N. Le Page, 46 S. 12th Ave., Mt. Vernon, N. Y.

Lorraine begonias, 2¼-in. pots, immediate delivery, $3.00 doz., $22.50 100, $200.00 1000; June and August delivery, $2.00 doz., $15.00 100, $140.00 1000.
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Begonia Vernon, extra strong, in bud and bloom, 2½-in., $1.75 per 100; 3-in., $3.00 per 100; $16.00 and $25.00 per 1000.
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Begonias, 10 best flow. sorts, 2-in., 40c doz., $2.50 100, $20.00 1000. B. Marjorie Daw, new trailing, 50c doz., $3.50 100.
Good & Reese Co., Springfield, O.

Begonias Vernon and Erfordii, 4-in. pots, $7.00 100; tuberous rooted, 5½-in. pots, in bud and bloom, $2.50 doz.
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Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Begonias Rex, Aurea manicata, and a few rubras, 2-in., $2.00 100.
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Begonias, 15 varieties, in 2 and 2½-in., $3.00 per 100. Cash please.
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Zephyranthes, Milla, Crinum, Cooperia, Amaryllis, Resurrection plants, Cacti, Agaves. Write for prices.
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Tuberous rooted begonias.	Doz.	100.	1000.
Single—White, red, yellow, crimson, scarlet	30c	$2.00	$18.00
Double—White, red, yellow, crimson, scarlet	50c	3.75	35.00
Gladiolus—Floracroft prize mixture		1.25	10.00
Johnson & Stokes' special mixture		.90	6.00
Gloxinias, mixed, all colors	30c	2.00	18.00
Giant flowering, red, pink, blue, spotted, white	50c	3.25	30.00
Lilium speciosa rubrum, 8-9-in., (160 to case)	75c	5.50	.....
Spotted callas, fine bulbs	30c	1.75	15.00

Johnson & Stokes, 217-219 Market St., Phila., Pa.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for prices, stating kinds and quantities required
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Bulbs. Cannas, caladiums, dahlias, gladioli (named sorts and mixtures), tuberoses, etc. Price list free on application.
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Caladium esculentum bulbs, 50c doz., $3.00 100. Strong 3½ to 4-in., $1.00 doz., $7.50 100.
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Caladiums, 4 to 6-in., $1.00; 6 to 7-in., $1.50; 7 to 9-in., $2.50 100. Cash or C. O. D.
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Sound cacti in variety, $5.00 100 and upwards.
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Choice stock of the following varieties: Shenandoah, Alsace, Secretaire Chambanne, Chas. Henderson, Florence Vaughan, Mlle. Berat, President Cleveland, Austria, Duke of Marlborough, L. E. Bally, Burbank, Alemannia, Paul Marquant and Robusta from 3-in. pots, $3.50 per 100. Strong started plants from the bench, $2.50 per 100. Send for prices on other choice varieties.
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Strong plants from field at bargain prices. Let us quote you prices on our surplus of 30,000 plants. We will make you prices lower than any other dealer can do. Will deliver express paid.
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Cannas Austria, Alemannia, Alsace, Egandale, Florence Vaughan, Italia, Mme. Crozy, Mlle. Berat, Philadelphia, Queen Charlotte and Souv. de A. Crozy, 50c doz., $3.00 100, $27.50 1000.
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Dormant cannas named, best, 2c; not named, $1.25 per 100; 10,000 potted for May and June, $5.00 per 100, $40.00 per 1000. Cash.
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Cannas, 2½-in. pots, Pres. McKinley, Queen Charlotte, Pres. Cleveland, $3.00 per 100. Austria, Florence Vaughan, $2.50 per 100.
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Cannas Austria, Pennsylvania, Black Prince, Henderson, Chicago, large, strong plants from 2½-in. pots, $3.00 100.
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Cannas, 4-in., Kate Gray, Pennsylvania, Alemannia, McKinley, Fl. Vaughan and others, $6.00 per 100. C. Winterich, Defiance, Ohio.

Cannas, 3-in. Rosemawr and Gloriosa, $4.00 per 100. Live eyes of Mme. Crozy, $1.00 per 100. A. B. Campbell, Cochranville, Pa.

Cannas, common red leaf, tubers, $3.00 per 100. Terms cash, except approved credit.
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Strong plants in 3 and 4-inch pots, $6.00 100, standard varieties.
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The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
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Rooted carnation cuttings. Grown cool. Clean, healthy stock.

	100	1000		100	1000
Q. Louise	$2.00	$15.00	Lord	$2.00	$15.00
Pond	5.00	40.00	Bradt	3.00	25.00
Hill	2.00	15.00	W. Bradt	6.00	50.00
Lawson	2.50	20.00	McRichm'd.	1.50	12.00
Joost	2.00	15.00	Estelle	3.00	

Isaac H. Moss, Govanstown, Md.

Carnation plants ready for field planting. These plants are now in soil and are extra large:

12,000 Wolcott	$3.50	100	$30.00	1000
3,000 L. Pond	3.50	100	30.00	1000
5,000 Prosperity	2.50	100	20.00	1000
1,000 Lorna	2.50	100	20.00	1000
1,200 Gold Nugget	2.50	100	20.00	1000
2,000 Maceo	2.50	100	20.00	1000

Bassett & Washburn, 76 Wabash Ave., Chicago.

Rooted carnations, strong and healthy. Per 100:

Nelson	$2.50	Norway	$1.50
Marquis	2.00	White Cloud	1.50
Joost	1.50	Lorna	2.00
Estelle	2.50	Bradt	2.00

Write for prices on large lots.
Swan Peterson Floral Co., Gibson City, Ill.

1500 Lillian Pond, 500 McKinley, $4.00 per 100; 1500 Marquis, 150 Gaiety, 200 Crane, 600 Crossbrook, 300 Higinbotham, 250 Floriana, 300 Morning Glory, 1000 Queen Louise, 500 Hill, 1500 Dorothy, 1500 Joost, 500 Crocker, 500 Guardian Angel, 250 Red Jacket, 250 Genevieve Lord, 300 Scott, $2.50 per 100.
Walker & McLean, Youngstown, Ohio.

Rooted carnation cuttings, first-class stock.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Marquis	$1.00	$ 9.00
Wolcott	3.00	25.00	Joost	1.20	10.00
W. Cloud	1.00	9.00	Armazindy	.85	7.00
America	1.00	9.00	Prosperity	1.40	12.50

Loomis Carnation Co., Box 115, Loomis, Cal.

Carnation cuttings.

	100	1000		100	1000
Joost	$1.50	$12.50	Lawson	$2.00	$15.00
G. Angel	1.50	12.50	Hill	1.50	12.50
W. Cloud	1.50	12.50	Q. Louise	1.50	12.50
Palmer	2.00	15.00	Prosperity	2.00	15.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations, 2½-in., extra fine stock. Wolcott, Lillian Pond, Apollo, Harlowarden, $4.00 100. Prosperity, Roosevelt, Lorna, Lawson, Higinbotham, Mary Wood, White Cloud, Palmer, $3.00 100.
Flora Hill, Joost, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

New scarlet carnation Crisis, to be distributed in 1905; early and continuous bloomer; color the richest scarlet, size three inches and over; never bursts; stems long and very strong; we court investigation; $2.00 doz.; $12.00 100; $100.00 1000. Davis Bros. Co., Bloomsburg, Pa.

50,000 outside in flats ready to plant. Q. Louise, Hill, Crocker, Joost, G. Angel, Crane, Marquis, Eldorado and Firefly, red in fair proportion, $15.00 per 1000, $2.00 per 100. Send for list of mums and bedding stock, cannas, etc. Cash.
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A fine, healthy stock of Joost, Eldorado, Genesee, Crocker. Out of sand, $1.50 100; $12.50 1000. Out of soil and pots, $2.00 100; $17.50 1000. Lillian Pond, Gov. Wolcott, Murphy's White, 2¼-in. pots and soil, $4.50 100.
G. W. Renard & Bro., Avondale, Pa.

Carnations. Well established strong plants from soil. 500 Joost, 500 Wm. Scott, 500 Flora Hill, 500 Mrs. Fisher, 500 Queen Louise, 1000 Ethel Crocker, 200 Harlowarden at $2.00 100, $15.00 1000.
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The Cottage Gardens' winners at the Detroit Convention, ETHEL WARD, JUDGE HINSDALE and THE PRESIDENT, now ready at $12.00 per 100; $100.00 per 1000. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
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50,000 carnations from soil. Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc.
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650 Flora Hill, 250 Richmond, 150 Gomez, fine plants from flats, $1.15 100; $5.00 500.
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Rooted cuttings of all the new and standard varieties of carnations. Send for list.
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Boston Market, the best commercial white, 2¼-inch pots, $5.00 100. Cash.
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Centaurea (Dusty Miller), 3-in. pots, $4.50 per 100.
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Centaurea gym., Dusty Miller, 2-in., 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

Centaureas, fern leaved, fine plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Centaureas, 2½-in., $2.25 100. Cash.
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Chrysanthemums, all the good kinds, true to name; 2¼-in., $2.25 100, $20.00 1000. 300 our selection, $5.00. Rooted cuttings, $1.25 100, $10.00 1000. Cash. Liberal count. Write us.
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White Varieties.	R. C. Per 100.	R. C. Per 1000.	2-inch, Per 100.
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W. H. Chadwick	2.00	15.00	3.00
Wht. Bonnaffon	1.50	12.50	2.00
Wanamaker	1.50	12.50	2.00
E. S. Kalb	1.50	12.50	2.00
Estelle	1.50	12.50	2.00
Robinson	1.50	12.50	2.00
Ivory	1.50	12.50	2.00
Merry Xmas	1.50	12.50	2.00
Polly Rose	1.50	.....	2.00
Wht. Mayflower	1.50	.....	2.00
Yellow.			
Golden Beauty	1.50	12.50	2.00
Golden Wedding	1.50	12.50	2.00
Oct. Sunshine	1.50	12.50	2.00
Col. Appleton	1.50	12.50	2.00
Bonnaffon	1.50	12.50	2.00
Yellow Mayflower	1.50	.....	2.00
Omega	1.50	.....	2.00
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W. Duckham	25.00	.....	.....
Murdock	1.50	12.50	2.00
V.-Morel	1.50	12.50	2.00
Mrs. Perrin	1.50	12.50	2.00
Glory of Pacific	1.50	12.50	2.00
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G. Hair,	Nellie Pockett,
G. W. Childs,	E. Rogers,
H. L. Sunderbruch,	Silver Wedding,
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Indiana,	T. Eaton,
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Strong 2½-in. pot plants, $1.75 100. Rooted cuttings, $1.00 per 100. Have 100 other varieties not here mentioned at same prices.
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Bonnaffon, Mrs. H. Robinson, Niveus, Jerome Jones, F. B. Hayes; Merry Monarch, white and yellow; Ivory, Col. D. Appleton, $1.25 100; $10.00 1000. Cash with order, please.
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Lady Fitzwygram, Yellow Fitzwygram, G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Appleton, Minerva, J. W. Childs, John Shrimpton, Philadelphia, Viviand-Morel, Halliday, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Cullingfordii, Adula, Jones, yellow; Blackhawk, Golden Wedding, W. H. Lincoln, Maud Dean, Nagoya, Timothy Eaton, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order or good references.
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Chrysanthemums now ready, strong rooted cuttings or 2¼-inch. Per 100:

	R. C.	2¼-in.
Glory of Pacific	$1.50	$2.50
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Willowbrook	1.50	2.50
T. Eaton	1.50	2.50
Col. D. Appleton	1.25	2.00
Kate Broomhead	1.50	2.50
Yellow Bonnaffon	1.50	2.50
White Bonnaffon	1.50	2.50

Special price by the 1000.
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Chrysanthemum rooted cuttings.

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Opah	1.25	Col. Appleton	1.50
Polly Rose	1.25	Maud Dean	2.00
Robt. Halliday	1.25	J. K. Shaw	2.00
Yellow Jones	1.50	Iolantha	2.00
E. D. Smith	1.50	Queen	2.00
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H. A. Parr	1.50	R. H. Pearson	2.00

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Chrysanthemum cuttings, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ½ of above rates.
C. W. Blatchley, Plantsville, Conn.

CHRYSANTHEMUMS—Continued.

Chrysanthemum rooted cuttings. Per 100:

Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2.00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalskov	1.50

Newer varieties on application. Cash or C. O. D.
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Chrysanthemum novelties, 50c each, $5.00 per doz.: Mildred Ware, Mrs. F. W. Vallis, S. T. Wright, 30c each, $3.00 per doz.: Mrs. Nathan Smith, Sunburst, John Burton, Mrs. H. W. Buckbee, Ben Wells, Dr. Enguehard, Harrison Dick, Maynell, Mme. Jh. Perraud, Helen Frick, Golden Age, Rockford, Wm. Duckham, Donald McLeod, F. A. Cobbold, Gen. Hutton, W. A. Etherington.
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Chrysanthemums, fine stock. Rooted cuttings, $1.50 per 100; 2¼-in., $2.25 per 100. Robinson, Bonnaffon, Viviand-Morel, T. Eaton, White and Yellow Jones, Ivory, Bergmann, White and Yellow Fitzwygram, Polly Rose, Glory Pacific, Kalb, Maud Dean, Yellow Queen, Canning, Niveus, Weeks, Wanamaker, Black Hawk, The Queen, Adrian and Modesto. Cash.
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Chrysanthemums, fine, healthy stock, Estelle, Robinson, Glory of Pacific, Polly Rose, Henderson, Appleton, White and Yellow Jones, Nellie Pockett, Mrs. Coombes, Chadwick, Golden Wedding, Mrs. Murdock, Lavender Queen, Silver Wedding, $1.50 100, $12.00 1000; 2½-in. pots, $2.00 100. Cash please.
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Chrysanthemums, strong 2-in. pot plants, $2.50 per 100, $20.00 per 1000. Polly Rose, Appleton, Silver Wedding, W. A. Richardson, Columbia, Ivory, White Bonnaffon, Merry Christmas and 20 other leading varieties.
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Chrysanthemums, 10,000 leaders, 2¼-in., T. Eaton and Col. Appleton, $2.00 per 100, well established; Glory of Pacific and Polly Rose, $1.50; F. J. Taggart, the novelty, $4.00 per 100. 25 and 50 at 100 rate.
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50,000 chrysanthemums. Golden Wedding, Maud Dean, Jerome Jones, Col. Appleton, Pacific, Robinson, Ivory; Bonnaffon, white and yellow, Polly Rose, $2.50 100; $20.00 1000.
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Yellow Eaton rooted cuttings, $3.75 per 100. Appleton, Bonnaffon, $1.00 per 100. White, $1.25 per 100. Also Ivory, Prosperity, Baumann, Timothy Eaton, $1.50 per 100.
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Rooted cuttings, $1.25 100; $10.00 1000.
Kalb, Omega,
Pink Ivory, October Sunshine,
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Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
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White Maud Dean, ready now, 2½-in. pots, $15.00 100, $2.50 doz. Estelle and 6 other var. from soil, $3.00 100, $25.00 1000.
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Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.25 100; $10.00 1000.
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Polly Rose, Glory Pacific and Willowbrook, rooted cuttings, $10.00 1000; 2¼-in. stock, $15.00 1000; 300 for $5.00.
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Chrysanthemums, 2-in., best sorts, 40c doz., $2.50 100, $20.00 1000. New var., 2-in., $1.00 doz. Good & Reese Co., Springfield, O.

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Large-flow. clematis, best purple, white, lavender and red sorts, 2-yr., 18c; 1-yr., strong, 9c. C. pan., 2-yr., 6c.
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Clematis paniculata seedlings from flats, $3.00 per 500; $5.00 per 1000. Cash with order.
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Clematis Jackmani, field-roots, $12.00 per 100. Sample mailed for 15 cents.
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Clematis, leading varieties, pot-grown, $2.50 per doz. F. A. Baller, Bloomington, Ill.

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Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
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Coleus, Golden Bedder, Crimson Verschaffeltii, red bordered yellow, and fancy mixed, extra strong, 2½-in., $1.75 per 100. $15.00 per 1000. Wm. S. Herzog, Morris Plains, N. J.

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Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
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Coleus, rooted cuttings, red, yellow and black, 50c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
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Coleus Verschaffeltii, Golden Bedder and 10 other var., 2-in., $2.00 100.
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Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
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Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
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Coleus, 15 sorts, 2-in., $2.00 100, $17.00 1000.
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Coleus, 10 varieties, $2.00 100. Cash.
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20 leading sorts, fine plants, 2-in., 50c doz., $3.00 100, $25.00 1000.
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Cryptomeria japonica (Japan cedar), the novelty decorative pine. Strong stock, 2-in., $5.00 100, or a sample of 20 for $1.00.
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Cycas revoluta stems, 1 to 5 lbs. each. A large stock in splendid condition, in quantities to suit purchaser; special price on case lots. Write us immediately for a great bargain, stating the amount you can use and we will surprise you with an offer you cannot afford to reject. Last opportunity this season.
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Giants. My own strain, the best that can be raised, once transplanted, $2.00 per 100, $18.00 per 1000; 3-in., $8.00 per 100.
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Cyclamen gig., our well-known strain, twice transplanted, ready for 3-in. pots, $5.00 per 100.
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Dahlias, the cream of the varieties for florists' cut flowers. Storm King, Perle d'Or, Camelliaeflora, Guiding Star, A. D. Livoni, Nymphea, Queen of Yellows, Catharine, Sir Charles Mills, Fanny Purchase, Lyndhursts, Wildfire, Client, John Elitch, 75c doz., $6.00 100; Pink Dandy, Kreimhilde, $1.50 doz., $10.00 100. For full description send for our dahlia catalogue, mailed free.
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Dahlia plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
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Burbank'a Shasta daisies, true stock of same, no chance seedlings, the best cut flower for summer use; strong plants of same, $4.00 per 100; $30.00 per 1000. Cash with order, please.
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Shasta daisies, fine; 2-in., pot-bound, $3.00 per 100. Iola Greenhouses, Iola, Kan.

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Dracaena indivisa, 3-in., 4-in., 5-in., $1.50, $2.00, $2.50 per doz.; 15 to 18 in. above pots, suitable for small work. Terms cash, except approved credit.
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Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River. Soar Bros., Little River, Fla.

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Feverfew, 2½-in., $2.25 100.
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Forget-me-nots, strong plants, 2½-in., $1.50 100. L. W. Franks, Montpelier, Ohio.

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Fuchsias, white and dbl. purple, all shades, single, 40c doz., $2.50 100, $20.00 1000.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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Geraniums, $2.00 per 100, $20.00 per 1000. 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants.
Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canvers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.
Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums S. A. Nutt, 4-in., 3½-in., 3-in. and 2½-in.; Pasteur, 4-in., 3½-in., 3-in. and 2½-in.; Le Soleil, 4-in. and 3½-in.; Trego, 4-in., 3½-in., 3-in. and 2½-in.; La Favorite, 4-in.; Jean Viaud, 4-in.; E. G. Hill, 4-in., 3½-in., 3-in. and 2½-in. Price: 4-in., $8.00 per 100; 3½-in., $6.50; 3-in., $5.00; 2½-in., $3.00.
Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Geraniums Double Grant, Poitevine and Nutt in bud and bloom, extra strong 4-in., $5.00 per 100. Mme. Sallerol, strong 2½ and 3-in., $2.00 and $3.00 per 100, $18.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Geraniums John Doyle, Jean Viaud and La Favorite, 2½-in., $2.50 100; $20.00 1000. Our selection of varieties—red, white and pink, $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O

Geraniums, leading var., mixed, 2 and 3-in. stock, $2.25 and $5.00 100. Sallerol, 2-in., $2.00 100. Ivy geraniums, mixed, 2 and 3-in. pots, $2.00 and $4.00 100.
Converse Greenhouses, Webster, Mass.

Geraniums Le Pilot, dbl. scarlet; Mme. Thibaut, dbl. pink; La Favorite, dbl. white; S. A. Nutt, dbl. crimson, out of 4-in. pots, $7.00 100. G. Aschmann, 1012 Ontario St., Phila.

Geraniums. 2000 4-in., mostly S. A. Nutt, in bud and bloom, 6c without pots. This is choice stock, ready to plant any time.
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A few thousand geraniums, mixed varieties of standard bedding sorts, 2½ to 3-in. pots, $2.00 per 100; $15.00 per 1000. Cash.
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Geraniums. S. A. Nutt, Double Gen. Grant and other varieties, out of 3-in. pots, $4.00 per 100; extra fine stock.
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150 fancy Bismarck, big 3½-in., 3½c; 300 2½-in., 2½c. Nine fine, named bedders, 2½-in., $17.50 a 1000. Cash.
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Geraniums, in bud and bloom. Nutt, Ricard, Poitevine, Viaud and La Favorite, 4-in., $6.00 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

Geraniums. S. A. Nutt and varieties, extra fine stock, 4-in., $7.00; 3-in., $5.00 per 100.
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Geraniums. 2000 in standard varieties, 2¼-in., pot-bound, $2.00 per 100, $17.50 per 1000.
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Geraniums in flower, 4-in. pots, $6.00 100 without pots; $7.00 100, with pots.
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Geraniums, 4-in., $8.00 100. Ricard, Nutt, Hill, Viaud, etc., about 15 varieties.
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Geraniums S. A. Nutt, vigorous plants from 2¼-in. pots, $2.25 per 100.
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A few hundred geraniums, mixed, 4½-in. pots, $7.50 per 100. Cash.
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Plants in 3 and 4-inch pots, leading varieties, $6.00 100.
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Jos. H. Cunningham, Delaware, O.

Geraniums, 3-in., white, scarlet, pink, $5.00 100. "Critchell's." Avondale, Cincinnati, O.

Geraniums, good varieties, 4-inch, per 100, $8.00. Crown Point Floral Co., Crown Point, Ind.

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Geraniums, 4-in., best standard, $8.00 per 100.
C. Winterich, Defiance, Ohio.

GERANIUMS—Continued.

Geraniums, assorted, 4-in., $7.00 per 100.
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Mme. Salleroi, 2½-in., $3.00 100.
William Clark, Batavia, Ill.

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It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.

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Gladiolus bulblets, mixed, 35c per quart. Cash.
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Gladioli in best mixtures, $8.00 1000.
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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa, Anemone Pennsylvania; Baptonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.

Not less than 10 of one variety and no order received for less than $1.00 at these prices. Orders will be filled liberally if sent soon. Cash with order.

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Collected white pine and hemlock, 4 to 12-in., $8.00 per 1000; 1½ to 3 ft., good roots and tops, $30.00 per 1000. Betula lenta, lutea, papyracea, 1 to 3 ft., $8.00 per 1000. Viburnum cassinoides, dentatum, lantanoides, 1 to 2 ft., $8.00 per 1000. Viburnum lentago, 1 to 4 ft., $15.00 per 1000; 4 to 8 ft., bushy, good roots, $15.00 per 100. Aspidium acrostichoides marginale, spinulosum, $2.00 per 100. Onoclea struthiopteris, $4.00 per 100. Osmunda cinnamomea, claytonia, regalis, $4.00 per 100, $25.00 per 1000. Lobelia cardinalis, large plants, $2.50 per 100. L. E. Williams, Nottingham, N. H.

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Golden Glow, strong roots, 5c. Perennial phlox, best sorts, 10c. Hydrangea pan. grand., 8c; tree-shaped specimens, 25c. Other fine 2-yr. shrubs, deutzias, spiraeas, weigelias, snowball, honeysuckle, etc., 10c.

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Helianthus, hardy dwf. sunflower, multiflorus dbl. and rigidus single, 2-in., 30c doz., $2.00 100. Rudbeckia Golden Glow, 2-in., 40c doz., $2.50 100, $20.00 1000.

Good & Reese Co., Springfield, O.

Hardy larkspur, 500 clumps 1-year-old, dark blue, field-grown, $6.00 per 100. Hardy foxglove, 300 field-clumps, 1-year-old, $8.00 per 100. Cash, please.

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Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000. Rudbeckia Golden Glow, 2½-in., $2.00 100.

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	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

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Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France	4.00	35.00
Am. Beauty	6.00	50.00			

2-year-old plants from benches.

	100	1000		100	1000
Am. Beauty	$6.00	$50.00	Ivory	$3.00	$25.00
Maid	3.00	25.00	G'den Gate	3.00	25.00
Bride	3.00	25.00	Kaiserin	3.00	25.00
Perle	3.00	25.00	Liberty	6.00	50.00

All stock sold under express condition that it is to be returned if not satisfactory.
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American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
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AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in. ..... $6.00 per 100; $55.00 per 1000
4-in. ..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
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Rose plants, 2-inch stock.

100.	1000.		100.	1000.
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Bride 3.00	25.00	Ivory	3.00	25.00
Perle 3.00	25.00	Am. Beauty.	5.00	45.00
Liberty ... 5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

	100	1000		100	1000
	2½-in.	3-in.		2½-in.	3-in.
Beauties	$5.00	$8.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

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2-yr.-old Beauties, Maids, Brides, from bench. Price on application.
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Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
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Beauties, 2¼-in., $6.00 per 100, $50.00 per 1000; 3-in., $8.00 per 100, $70.00 per 1000. Queen of Edgely, 3-in., $8.00 per 100, $70.00 per 1000. Brides, Bridesmaids, Meteors, Liberties, 2¼-in., $3.00 per 100, $25.00 per 1000. Ivory, 3-in., $6.00 per 100, $50.00 per 1000.
J. F. WILCOX, Council Bluffs, Iowa.

Fine grafted rose plants, 3½-in. pots, $12.00 100; $100.00 1000. Bride, Bridesmaid, Ivory, Golden Gate, $15.00 100. Franz Deegen, $15.00 100. Own root stock, 3-in. pots, $3.50 100; $30.00 1000. Franz Deegen, $6.00 100.
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We have a small surplus of several thousand strong plants of Bridesmaid, Bride, Ivory, Golden Gate and Meteor, 2½-in., $2.50 per 100, $20.00 per 1000. Cash with order. Satisfaction guaranteed.
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Springfield Floral Co., Springfield O.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Bridesmaids, $12.00 per 100; Liberties, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
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GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

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American Beauties. Fine stock in 2x2½-in. and 3-in. pots. Get the best, they will pay the difference in cost in first cut as they will be so far ahead of younger stock. Write
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Roses.	100	1000
Bride, Maid, Gate, Ivory	$3.00	$25.00
Perle, Meteor	3.50	30.00

From 2½-in. pots. Thrifty plants.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Roses. 2500 Perles, very strong; 3000 Kaiserins. 4000 Cochets, pink and white; 5000 Hermosas; 2500 C. Souperts, 3-in., $5.00 100; $45.00 1000.
J. D. Brennemann, Box 24, Harrisburg, Pa.

H. P. roses, fine 2-yr., field grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c. Crimson Rambler, 2-yr., strong, 12c. C. Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
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Mme. Chatenay, most profitable pink rose in the Chicago market this year, fine, healthy stock, $6.00 100; $50.00 1000.
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Hermosa and hybrid roses, 4-in. pots, $10.00 100. Pres. Carnot and other mixed var., very strong, 5½-in. pots, $2.00 doz.
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Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
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American Beauties, 2-in., clean, healthy and first-class in every respect, $6.00 per 100; $50.00 1000. J. A. Budlong, 37 Randolph St., Chicago.

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Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Bridea, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½ and 3-in., $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Yellow Ramblers, dormant, $6.00 100; Magna Charta, dormant, own root, $7.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Kaiserin and Perle, 2½-in., $3.00 100. Brides and Maids, 2½-in., $2.50 100.
J. C. Murray, Peoria, Ill.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

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Bride, Maid and Golden Gate roses, 2-in., $3.00 100. S. D. Brant, Clay Center, Kan.

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Manetti stock for fall delivery.
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Extra strong top cuttings, out of 3's, with 3 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
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Salvias. Bonfire, silverspot and splendens, 2¼-in., $2.00 100; $15.00 1000. Holts' Mammoth sage, 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens and Bonfire, strong 3 and 4-in., $1.75, $3.00 and $5.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia Bonfire, strong plants, 2-in., $2.00 100, 300 for $5.00. Cash.
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500 Salvia splendens, $1.50 per 100. Cash with order. S. W. Carey, Jr., Urbana, O.

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Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
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	100	1000	5000
Areca lutescens	$0.75	$6.00	$25.00
Cocos Weddeliana	.75	5.00	22.50
Kentia Bel. or Forst	.50	3.00	12.50
Musa ensete	1.00	7.00	32.00
Phoenix canariensis	.25	1.75	7.50
Phoenix rupicola	1.00	8.00	
Washingtonia filifera	.10	.75	3.00
Washingtonia robusta	.10	.75	3.00
Asparagus plumosus nanus	.50	4.00	18.00
Asparagus Sprengeri	.20	1.00	4.00

Dracaena indivisa, oz., 25c; lb., $2.00. D. australis, oz., 40c; lb., $4.00. Smilax seed, oz., 20c; lb., $1.75.

Primrose, Chinese fringed,	100	500	1000
Alba magnifica, white	25c	$1.00	$1.75
Kermesina, crimson	25c	1.00	1.75
Delicata, beautiful rose	25c	1.00	1.75
Coccinea, scarlet	25c	1.00	1.75
Sanguinea, blood red	25c	1.00	1.75
Holboru, blue	30c	1.25	2.00
All colors mixed	20c	.85	1.50

Primula Forbesi (Baby primrose), pkt., 25c; trade pkt., 50c. Primula obconica, giant flow., fringed, rosea, alba, pkt., 25c; trade pkt., 50c. All colors mixed, pkt., 20c; trade pkt., 40c. Cineraria stellata hyb., blue, lilac, lavender, white, pkt., 100 seeds, 10c; 500, 40c. Cineraria hyb. grand. maximum, pkt., 500 seeds 25c; 5 pkts., $1.00; dwarf, pkt., 500 seeds, 25c; 5 pkts., $1.00.
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Calceolaria hybrida grand. and compacta, James' superb strain, 60c per ½ trade pkt., $1.00 per trade pkt. C. rugosa, shrubby, 34c packet (small). Cineraria grand., blue, crimson, white, dwarf mixed, medium tall mixed, 60c per ½ trade pkt., $1.00 trade pkt. James' giant strain mixed, same price as above. Choice mixed hybrids, ½ trade pkt., 30c; trade pkt., 50c; dbl. mixed, ½ trade pkt., 60c; trade pkt., $1.00. Sutton's stellata (Star cineraria), original pkt., 60c. Stellata hyb., original pkt., $1.00. Maritima candidissima, white leaved, trade pkt., 10c; oz., 25c.
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Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
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Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
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Spiraeas, fine dormant plants, 50c doz., $3.00 100. Good & Reese Co., Springfield, O.

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Mammoth verbenas, assorted, 2½-in., $2.50 100.
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Galax, bronze or green, and small green galax for violets.
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A good-grade florists' hose.
Toledo Rubber Co., Toledo, O.

Good Hose. J. G. & A. Ealer, Saddle River, N.J.

INSECTICIDES.

A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
Detroit Nicotine Co., Detroit, Mich.

Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests. Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

FOSTITE, 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00. C. H. Joosten, 201 West St., N. Y.

LABELS.

Tree and plant labels.
Williams & Sons Co., Manufacturers,
Batavia, Ill.

PAINTS.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

We make a special greenhouse paint. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

PLANT STAKES.

250,000 Japanese bamboo plant stakes, 5 ft. and over, ¼ to ⅝-in., per 500, $2.75; 1000, $5.00; 2000, $9.00; 6 ft., ¼ to ⅝-in., per 500, $3.25; 1000, $6.00; 200, $11.00. Cash with order, please. C. H. Joosten, 201 West St., N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Erneat, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Red standard flower pots; low prices.
Harrison Pottery, Harrison, Ohio.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

The American Carnation. By C. W. WARD.

Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. The book is the work of a careful, studious grower of ripe experience. Fully illustrated.
Carriage paid, $3.50.

The Florists' Manual. By WILLIAM SCOTT.

A practical guide for the Florist, covering the successful management of all the usual florists' plants; including many topics, such as Greenhouse Building, Heating and Floral Decorating, etc. Written so you can understand it and profit by its guidance. Fully illustrated.
Carriage paid, $5.00.

Commercial Violet Culture.

By B. T. GALLOWAY.

This is the second edition of this very successful book, revised and brought up to date. Handsomely printed. Fully illustrated.
Carriage paid, $1.50.

Greenhouse Construction.

By L. R. TAFT.

A complete treatise on the subject. All the best and most improved structures are so fully and clearly described that one will have no difficulty in determining the kind best suited to his purpose. Fully illustrated.
Carriage paid, $1.50.

Any of the above sent on receipt of price by the

Florists' Publishing Co.

Caxton Bldg., 334 Dearborn Street,
CHICAGO.

BALTIMORE, MD.—The Maryland Steel Co., at Sparrows Point, maintains a greenhouse in charge of Herman Henning and annually distributes free to residents many thousands of bedding plants to encourage the improvement of the settlement.

ONEIDA, N. Y.—The other night a passerby saw smoke issuing from Kraft's greenhouse on Cedar street, and he accordingly turned in an alarm of fire. When the firemen responded they found that the proprietor was trying to exterminate insects by burning a pan of tobacco dust.

COLUMBUS, O.—Mrs. Rose Underwood, widow of the late John Underwood, has been appointed by the probate court as administratrix of the estate. She has been appointed to absolute control of the floral business of the late deceased, which business she assumes in the old name of Underwood Bros., florists.

THE BOSTON FERN.

Once more the Boston fern has demonstrated that it is the most popular plant grown in this country. For several seasons the cry has gone up that the production of Bostons had been overdone and that the market would not consume the vast quantities of plants prepared for it. But each spring has seen stocks cleaned out and the demand still unsatisfied. This is the case again this season, even though last fall saw larger stocks prepared than ever before. All the large growers have done a greater business than ever, and hundreds of smaller producers have contributed their share towards the stock. But now many sizes are in short supply and wherever there are good plants there is a market waiting for them if their existence be but made known.

PROVIDENCE, R. I.

The Rhode Island Horticultural Society has issued the schedule of premiums for its June and September exhibitions. The June show is for strawberries, but there are classes for hardy flowers and a liberal list for garden roses. For the September show there is a long list of prizes for greenhouse plants, for flowers cut outdoors and also for carnations. There are also a number of classes for dahlias, a number of which are open only to exhibitors from other states. This is also the fruit show.

PACIFIC COAST.

THE Logan berry is a native of California, the story of its origin being told on page 1381.

THE note on cinerarias and verbenas on page 1422 properly belongs under the head of "Pacific Coast," as it refers to conditions in California.

THE convention city of 1905 will be Portland, Ore., where the Lewis and Clark Exposition will be in progress. Invitations will be extended to practically all the conventions of 1904, to hold their next year's meeting on the Pacific coast.

THE Retail Florists' Association having failed in its effort to dispose of the street salesmen, F. P. Shibeley has taken individual action in the form of a petition for a permanent injunction against the Board of Supervisors, who issue the peddlers' permits.

DIFFICULTIES WITH PACKING.

Pacific coast nurserymen import vast quantities of hardy evergreen and deciduous stock from France and other European countries and each season finds more and more being planted. A great deal more would be used by our dealers if there was any guarantee that the stock would reach us in such a condition that there would be any likelihood of its growing. It seems to be impossible to impress the fact on French nurserymen that goods destined for California should have any more packing around the roots than those shipped to New York or somewhere in that vicinity. I have for years made special mention in my letters accompanying orders to Europe about this matter and it is only

BURBANK'S EVER-BEARING CRIMSON WINTER RHUBARB

IS THE MOST DELICIOUS VEGETABLE THAT HAS EVER BEEN INTRODUCED.

Plants Set Out Now will Bear Next Winter and Spring. We are Headquarters for this wonderful Rhubarb. PLANTS READY NOW—$10.00 to $15.00 per 100. Express paid. Orders booked for Seeds, autumn delivery. Send for circular and Catalogue of Seeds, Plants and Cactus.

THEODOSIA B. SHEPHERD CO., VENTURA, CALIFORNIA.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10.00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	Variegated.		
Scarlet.			Armazindy...	0.85	17.00
America	1.00	9.00	Prosperity ...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention the Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

Mention The Review when you write.

True Asparagus Plumosus Nanus.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.

Mention The Review when you write.

Violet Plants.

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000, or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. OCEAN PARK, Cal.

Mention The Review when you write.

occasionally that the boxes are opened here and found in good order. The shortest possible time that we can receive goods by freight is thirty days, and it is considered a choice bit of luck if they arrive in thirty-five; it is usually about forty, so that dealers can figure on having the goods boxed up in the neighborhood of six weeks. It is necessary for the boxes to be well lined to insure against cold weather sure to be encountered en route. It is possible to receive boxes from New York by way of steamer to Galveston, but my experience with stock received that way has been that it invariably gets too close to the ship's boilers and I usually use the young plants for firewood as soon as I have time to unpack them.

Our American nurserymen, I must confess, especially those who make a specialty of shipping to Pacific coast points, can usually be relied upon to pack properly, but the French, Dutch and Belgian growers have much to learn before they arrive at anywhere near perfection in packing. As a sample let me cite the case of the last two boxes I received from one of the largest nurseries in France. Among the items I unpacked were 500 Lawson cypress, nice hardy plants three years old. These were crowded in the bottom of the boxes without a particle of packing around the roots. On top of them were 500 Cryptomeria Japonica, also without any packing around the roots. There were not over half a dozen live plants in the lot where there should have been no trouble whatever. In another box 1,000 English hollies were piled in a heap without any moss and the foliage had been moistened considerably because it was all rotted off. They should have been tied in bunches of 100 each, the roots well wrapped with moss and cleated in the boxes, so that there was a circulation of air between the bundles, to prevent damping off of the foliage. There is never quite so much trouble to revive stock that gets dry, providing the roots are mossed, as when the conifers, evergreens and young seedlings are piled in heaps in the boxes and from the natural moisture of the leaves get heated en route, so that when unpacked they are usually worthless.

The only stock that we receive here from foreign ports that is always properly packed is that from Japan. The Japanese nurserymen are very particular in this regard, as they cleat all the stock in the boxes, pack plenty of moss around the balls of earth or bare roots, and in addition cut square holes in the boxes for ventilation, which are covered inside with fine mesh wire screening to prevent the rats from getting in the boxes. G.

SAN FRANCISCO.

The Market.

I am inclined to think we are going to have a superabundance of almost all classes of stock for the next few months, and the retailers will have the privilege of fixing prices to suit themselves. The large increase of the quantity of glass that is now coming into bearing would be enough in itself to make a big difference with the amount marketed, to say nothing of the extra acres that have been planted in hardy stocks. I fear that the low prices will affect principally the growers who handle the commoner grades of stock, whether in roses, carnations or mixed flowers. The public is getting more and more particular all the time and only such growers as make a specialty and can be depended on to produce a first-class article can hope to get any return for their summer crops.

Good roses seem to be as much in demand as ever and there is not, although we are at the height of the season, any surplus of fancy stock. The best Beauties are bringing $2 per dozen and they are as eagerly bought up as though we were in the middle of winter. Fancy Brides and Maids are netting the grower $1 per dozen and Kaiserin, Testout and Liberty from 75 cents to $1. But I saw a Japanese grower dump in one of our largest retail stores today fifty dozen mixed Brides and Maids for $2 and then offer twenty dozen Croeker carnations for a dollar. These are very low prices, but the quality of the stock was only fair and the grower doubtless considered he was very fortunate in being able to sell it at all. The sweet-pea growers have had splendid prices for their stock for the past month, and it is only within the present week that rates have fallen below $1.50 per dozen bunches. It has been a very peculiar season for sweet peas. In ordinary years it was no trick to have sweet peas in market early in March, but this season it was only on high or exceptionally well drained land that the peas survived the winter. The Chinese have the bulk of this business. Decoration day will soon be here and there will be an abundance of outdoor stock of all kinds to offer. Some of our retailers have a good shipping trade to interior towns and any sort of hardy stock can be utilized.

Various Notes.

Serveau Bros. are having a big demand for bedding stock this month. They handle a good quantity of general nursery stock.

Joseph Furtado, head gardener for the Realty Syndicate, of Oakland, is out of the hospital, where he was confined for several weeks with a severe case of blood poisoning.

Thos. Hooper, for many years foreman for Sievers & Boland, has taken charge of the greenhouses of the late Geo. Karmann, at Elmhurst.

F. M. Frank has given up his San Pueblo avenue store in Oakland and purchased the flower stand at the narrow gauge depot.

J. E. Bamber, of Truckee, Cal., who handles considerable flowers in his neighborhood, is in town. G.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

Every Grower of Roses should

Plant La Detroit

FOR A TRIAL.

We guarantee no regrets. Nice plants for immediate shipment, own roots and grafted stock.

JOHN BREITMEYER'S SONS,

Gratiot and Miami Avenues. **DETROIT, MICH.**

Mention The Review when you write.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

Carnations

Well established strong plants from soil: 500 Joost; 500 Wm. Scott; 500 Flora Hill; 500 Mrs. Fisher; 500 Queen Louise; 1,000 Estelle, Crocker and 200 Harlowarden.

$2.00 per 100; $15.00 per 1000.

Chrysanthemum plants from soil: all the best standard varieties.

$1.50 per 100.

C. EISELE,

11th and Jefferson Sts., PHILA.

Mention The Review when you write.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Balmoral Ave., CHICAGO.

Our supply for holidays is always the largest west of New York. **Order Decoration Day Stock now.**

KENNICOTT BROS. CO.,
40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Geraniums

	Per 100.
10 varieties, 2½-in	$3.00
10 varieties, 3 in. pots	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias	2.50

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in	2.50
Asp. Plumosus Nanus, seedling ready	1.75
" " plants July 1, 2-in. pts	2.50
Asparagus Sprengeri	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

Mention The Review when you write.

ROSES FOR FORCING. Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100	Per 100		Per 100	Per 100
American Beauties	2½-in., $5.00	3-in., $8.00	Brides	2½-in., $3.00	3-in., $5.00
Perles	2½-in., 3.00	3-in., 6.00	Golden Gates	2½-in., 3.00	3-in., 5.00
Meteors		6.00	Ivory	2½-in., 3.00	3-in., 5.00
Maids, extra fine	2½-in., 3.00		Special price on 1000.		

BOSTON FERNS. 2½-in., $3.50 per 100; 3-in., $8.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes. Vinca variegata, 2¼-in., $3.00 per 100.

W. H. GULLETT & SONS.....LINCOLN, ILL.

Mention The Review when you write.

Am. Beauties

PLANTS FROM 2-INCH

Clean, healthy, first-class in every respect: $6.00 per 100; $50.00 per 1000. Fully as good as sent out in previous years.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

Rose Plants

FROM 2-INCH POTS.

BRIDES, MAIDS, GOLDEN GATES, $3.00 per 100.

S. D. BRANT, CLAY CENTRE, KAN.

Mention The Review when you write.

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50 per 100;		$35.00 per 1000	
Brides	5.00	"	40.00	"
Bridesmaids	5.00	"	40.00	"
Mme. Chatenay	6.00	"	55.00	"

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Mention The Review when you write.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

2-year-old Plants from Benches.

	Per 100	Per 1000
American Beauty	$6.00	$50.00
Brides, (Grafted Stock)	$6.00	$50.00

Bridesmaid, (Grafted Stock).....Per 100, $6.00; Per 1000, $50.00

Write for special discounts on large lots

The Benthey-Coatsworth Co., 35 Randolph Street, Chicago

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

Carnation Cuttings

	100	1000
Mrs. Joost	$1.50	$12.50
Mrs. Lawson	2.00	15.00
Guardian Angel	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Mrs. Palmer	2.00	15.00
Prosperity	2.00	15.00

GEORGE REINBERG,

51 Wabash Ave., CHICAGO.

ORCHIDS

We beg to announce the arrival in **SUPERB CONDITION** of the following Orchids:

CATTLEYA TRIANAE, CATTLEYA MOSSIAE, CATTLEYA LABIATA and CATTLEYA SPECIOSISSIMA.

For cutting, the above kinds cover a period from October to June, or Fall, Winter and Spring. They are money-makers without fail and we advise you to buy your stock **NOW.** We have never been able to offer all these kinds at one time, nor in such fine condition. We sell them by the dozen, hundred or case.

Also a fine lot of **ODONTOGLOSSUM GRANDE,** most useful for cutting in the Fall.

Write for prices at once. **LAGER & HURRELL, Summit, N. J.**

Mention The Review when you write.

Dracaena Terminalis, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz.; $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz.; $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz.; $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

H. P. ROSES

Fine 2-year, field-grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c; Crimson Rambler, 2-year, strong, 12c; C. Rambler, XXX, 20c. Large flowered Clematis, best purple, white, lavender and red sorts, 2-year, 18c; 1-year, strong, 9c. C. Paniculata, 2-year, 6c. Ampelopsis Veitchii, 2-year, 8c; second size, 6c. Golden Glow, strong roots, 5c. Perennial Phlox, best sorts, 10c. Paeonias, 12c. Hydrangea Pan. Grand., fine bushy plants, 8c; tree-shaped specimens, 25c. Other fine 2-year shrubs, Deutzias, Spiræas, Weigelias, Snowball, Honeysuckle, etc., 10c. Packing light as consistent with safety and free for cash with the order. Fruit and ornamental trees, etc. Prices on application.

W. H. SALTER, Rochester, N. Y.

JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 943, March 24th issue, for prices.

Mme. Chatenay

A superb pink rose, freer and stronger than Bridesmaid, easy to grow and an ideal shipper. Will cut 40 per cent. selects. See Chicago Cut Flower Quotations. Chatenay is selling for more than any other tea rose. Supply limited. Cash with orders. **Fine, healthy stock, $6.00 per 100; $50.00 per 1000. Ready now.**

EMIL GLAUBER, Montclair, Colo.

Mention The Review when you write.

50,000 ALTERNANTHERAS

Red and Yellow. Rooted Cuttings, 50c per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

Mention The Review when you write.

WE represent more glass than any other commission dealer. Order Decoration Day Stock from us.

KENNICOTT BROS. CO., 40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

A Prosperous Florist is Never Idle

A glimpse into my houses will prove this; even enemies must admit that an unusual amount of work has been done to fill an establishment of so many houses which were emptied at Easter, with such an enormous stock of 150 000 choice bedding plants, an increase of 50 000 from last year, ready now for immediate shipment. Secure bargains for now and Decoration Day.

Geraniums—Le Pilot (double scarlet), Mme. Thibaut (double pink), La Favorite (double white), S. A. Nutt (double crimson), out of 4-inch pots, at $7.00 per 100.

Ageratums—(Blue), 4-inch pots, $6 00 per 100; 3-inch pots, $5.00 per 100.

Scarlet Sage—Best varieties only, 4-inch pots, $7.00 per 100; 3-inch pots, $5.00 per 100.

Begonia—Vernon and Erfordii, 4-inch pots, $7 00 per 100.

Heliotropes—(Blue) 4 inch pots $6 00 per 100

Hermosa and Hybrid Roses—4-inch pots, $10 00 per 100.

Hardy or English Ivies—4-inch pots, $10.00 per 100; 3-inch, $7.00 per 100; 2½-inch, $5 00 per 100.

Periwinkle—(Vinca Variegata), very strong, 4 inch pots, $8.00 per 100.

Cobaea Scandens—4-inch, strong, $6.00 per 100.

Begonia—Tuberous rooted, 5½-inch pots, in bloom and bud, $2.50 per doz.

Pres. Carnot and other mixed varieties, very strong, 5½-inch pots, $2.00 per doz.

Fuchsias—5 inch pots, $1.50 per doz.

Daisies—Yellow and White, 5-inch pots, $2.00 per doz

Honeysuckle—6-inch pots, $2.00 per doz.

Dracaena Indivisa and Latanias—6 7-inch pots, 50c each.

Hydrangea Otaksa—For out-door planting, 6-inch pots $3.00 per doz.

Small plants, out of 2½-inch pots $3 00 per doz.: Petunia (California Giant) and Inimitable Dwarf, Phlox Drummondii Gigantum, Nasturtium (Empress of India), 3-inch pots; Verbeneas, Sweet Alyssum (Little Gem), Lobelias, Cupheas, Tradescantia, Pyrethrum (Golden Feather), Alternantheras (red and yellow), Dusty Miller, Parlor Ivy and Coleus Verschaffeltii, Golden Bedder and Firebrand.

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Aconitum Barbatum	3	1.25	10.00
" Fischeri	3	1.50	12.00
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Agrostemma Coronaria	3	.75	6.00
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	100		100
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2¼-inch pots.

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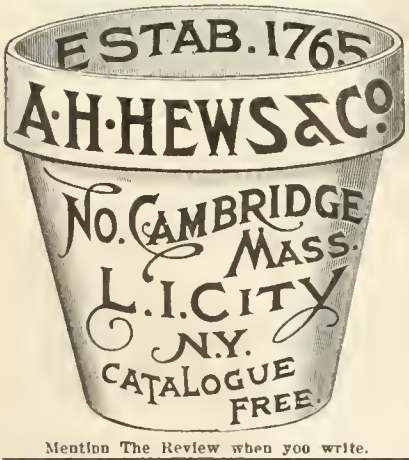

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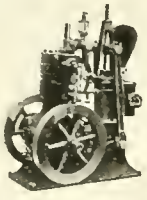

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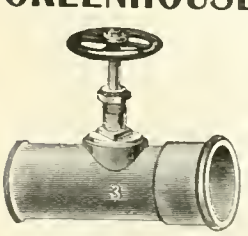

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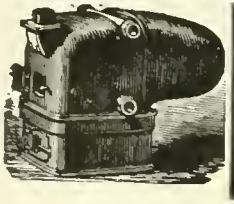

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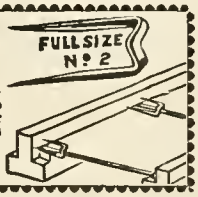

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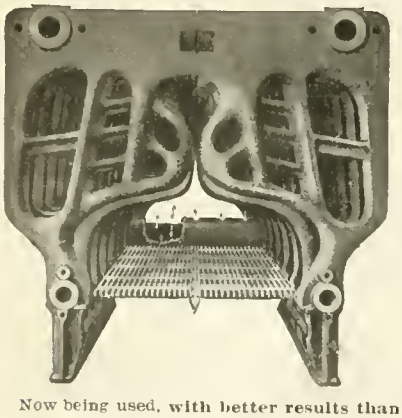

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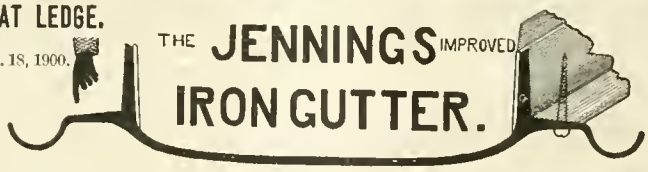

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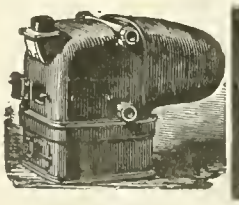

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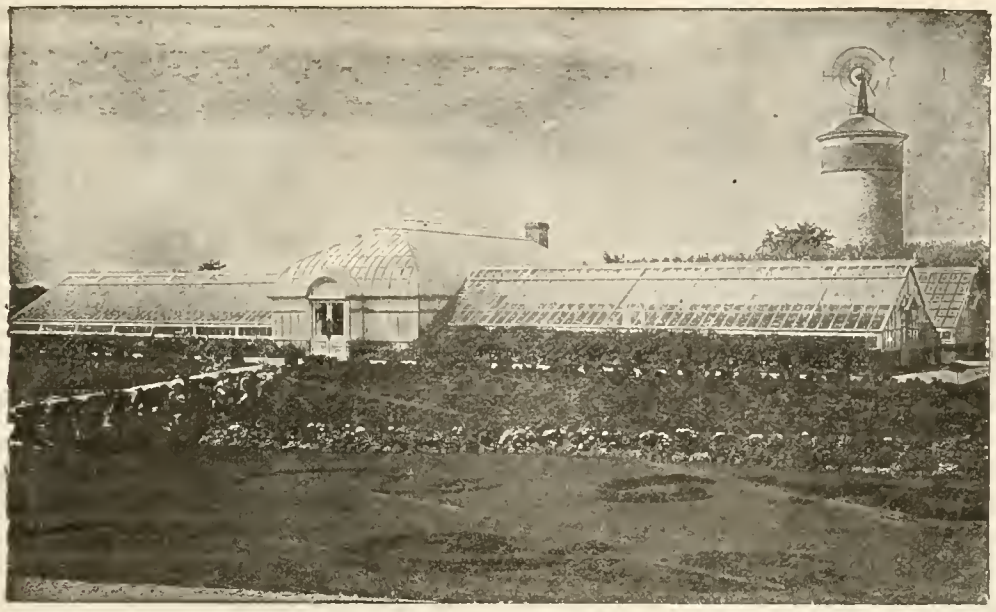

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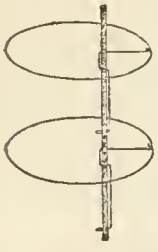

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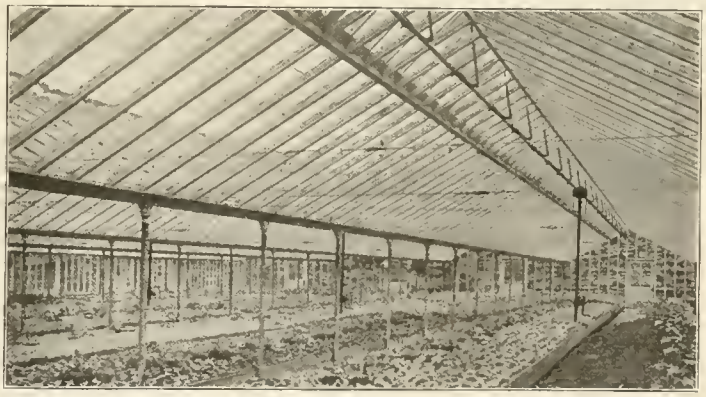

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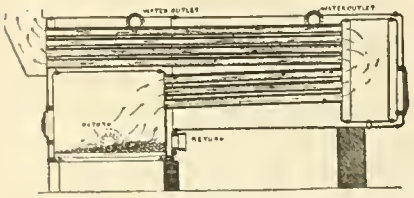

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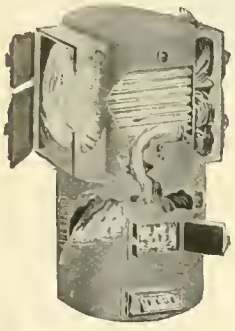

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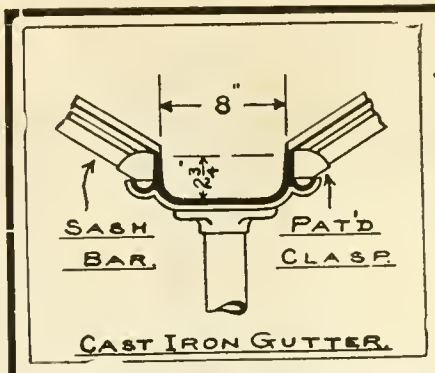

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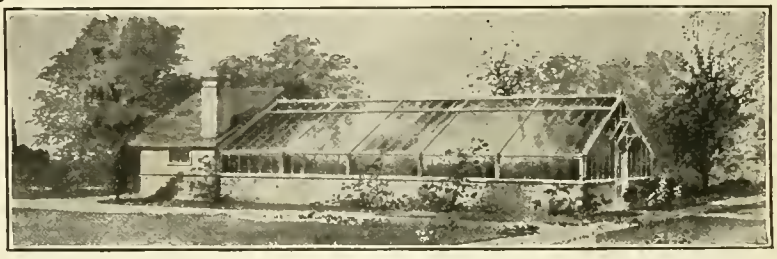

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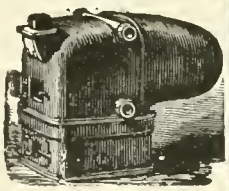

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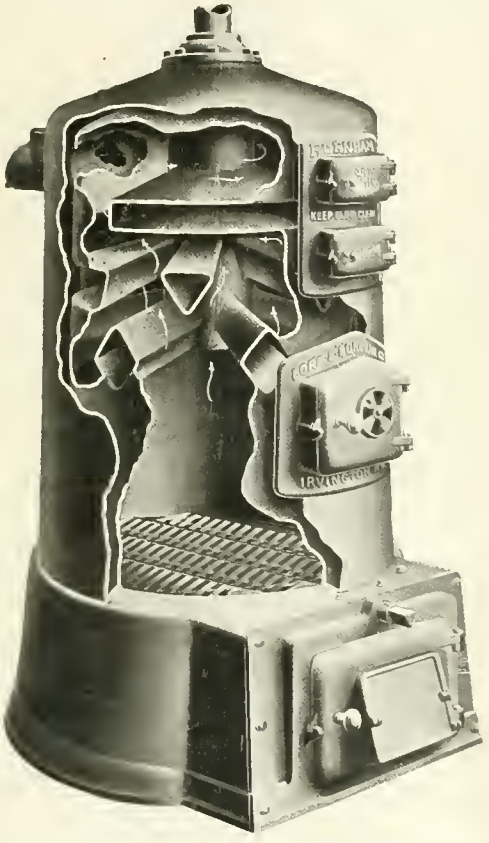

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